ROY F. WESTON, INC.

REGION II ALTERNATIVE REMEDIAL CONTRACTS STRATEGY (ARCS)
EPA CONTRACT NO. 68-W9-0022

FINAL DRAFT FOCUSED FEASIBILITY STUDY

SECOND OPERABLE UNIT

for the

CIRCUITRON CORPORATION SITE
East Farmingdale, New York

EPA Work Assignment No. 009-2LT3
Document Control No. 4200-09-ADVG

July 1994

VOLUME II

ROY F. WESTON, INC.

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EPA CONTRACT NO. 68-W9-0022

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for the

CIRCUITRON CORPORATION SITE
East Farmingdale, New York

EPA Work Assignment No. 009-2LT3
Document Control No. 4200-15-ADVG

July 1994

Prepared by: _____ Date: 7-13-94
Jill S. Haimson, C.G.W.P.
Site Manager

Prepared by: _____ Date: 7-13-94
Anil P. Dharmapal
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Approved by: _____ Date: 7-13-94
Charles T. Kufs, P.G.
Quality Assurance Officer

Approved by: _____ Date: 7-12-94
Richard A. Craig, P.E.
Program Manager

APPENDICES

APPENDICES (See Volume II)

Appendix A

- **Monitoring Geolis© Monitoring Well Construction Diagrams and Boring Logs (MW-13 and 14)**

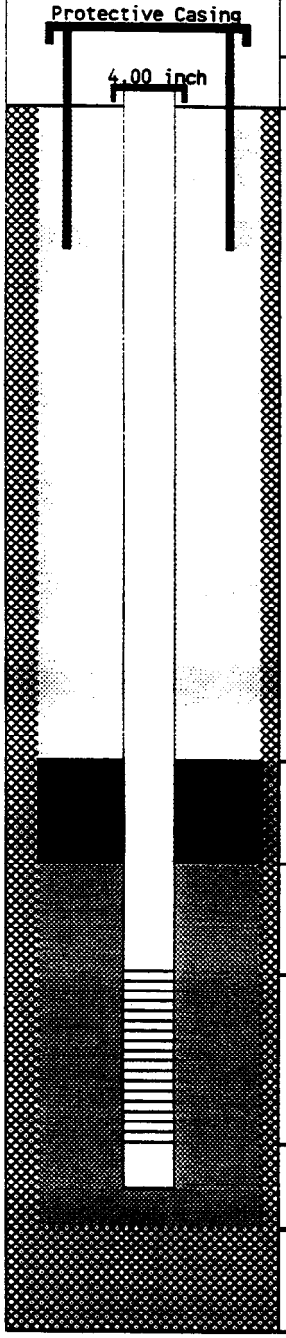
Well Completion Summary

Roy F. WESTON, Inc.

CLIENT	USEPA-CIRCUITRON	*DRILLING FIRM*	LAND,AIR,WATER
SITE NAME	USEPA-CIRCUITRON COR	*INSPECTOR*	R. SANSONE

WELL ID	MW-13
START DATE	02/11/94
COMPLETION DATE	02/11/94

WATER LEVELS
27.90 FT (TOC) ON 02/11/94



DEPTH		ELEV.
0.00	TC	0.00
0.00	GS	0.00
27.00	BN	-27.00
29.00	SP	-29.00
31.00	SC	-31.00
41.00	BS	-41.00
41.00	TD	0.00

DRILLING SUMMARY

Driller C.PETERSEN/K.MCGOURTY
Drilling Fluid NONE
Well Type SINGLE CASED SCREENED

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 4.00 *inch* *Interval:* 0.00 to 26.00 *ft.*
Type : STAINLESS STEEL

Stick Up Inner Casing: 0.00 *ft.* *Protective Casing:* 0.00 *ft.*

Casing Grout: CEMT/BENT *Interval:* 0.00 to 27.00 *ft.*

Seal Type: BENTONITE PELLETS *Interval:* 27.00 to 29.00 *ft.*

Sand Pack Type : MORIE #2 *Interval:* 29.00 to 43.00 *ft.*
Grain Size : UNIFORM *Median Diameter:*
Screen Diameter: 4.00 *Interval:* 31.00 to 41.00 *ft.*
Type : STAINLESS *Slots:* 0.020 *inches*

Silt Trap Interval: 0.00 to 0.00 *ft.*
Backfill Type : *Interval:* 0.00 to 0.00 *ft.*

WELL DEVELOPMENT

Date / /
Method
Yield *Purged Volume*

COMMENTS

TC = Top of Casing
GS = Ground Surface
BN = Top Seal
SP = Top Sand Pack
SC = Top Screen
BS = Bottom Screen
TD = Total Depth
= Grout
= Seal
= Sand Pack
= Formation

Additional Comments:

NOTE: Well Diagram not to Scale

Elevations are feet above mean sea level

Borehole Log

Roy F. WESTON, Inc.

CLIENT	: USEPA-CIRCUITRON	TOTAL DEPTH	: 43.00
SITE NAME	: USEPA-CIRCUITRON CORP.	LOGGER	: R. SANSONE
WELL ID	: MW-13	DRILLING COMPANY	: LAND,AIR,WATER
NORTHING	: 0.0000 estimated	DRILLING RIG	: MOBILE B-61
EASTING	: 0.0000 estimated	DATE STARTED	: 02/11/94
ELEVATION	: 0.000 estimated	DATE COMPLETED	: 02/11/94

ELEVATION	DEPTH	MATERIAL	% RECOVERY	CLASSIFICATION	COLOR	STRENGTH	MOISTURE	BLOW COUNT	FIELD INSTRUMENT READING	COMMENTS
				Interval Not Sampled					HNU 0.0	AUGERED INTERVAL AFTER INITIAL 5 FT. OF HAND DIGGING.
-2	2									
-4	4									
-6	6									
-8	8									
-10	10									
-12	12									
-14	14									
-16	16									
-18	18									
-20	20									
-22	22									
-24	24									
-26	26									
-28	28									
			45	Well-graded sand with gravel SW	BROWN	LSE	SAT	8	HNU 0.0	TRACE FINE SAND.
-30	30			No Sample Recovered				11 14 13		
				Interval Not Sampled						AUGERED INTERVAL. TD AT 43 FT. BGS.
-32	32									
-34	34									
-36	36									
-38	38									
-40	40									

Borehole Log

Roy F. WESTON, Inc.

CLIENT	: USEPA-CIRCUITRON	TOTAL DEPTH	: 43.00
SITE NAME	: USEPA-CIRCUITRON CORP.	LOGGER	: R. SANSONE
WELL ID	: MW-13	DRILLING COMPANY	: LAND,AIR,WATER
NORTHING	: 0.0000 estimated	DRILLING RIG	: MOBILE B-61
EASTING	: 0.0000 estimated	DATE STARTED	: 02/11/94
ELEVATION	: 0.000 estimated	DATE COMPLETED	: 02/11/94

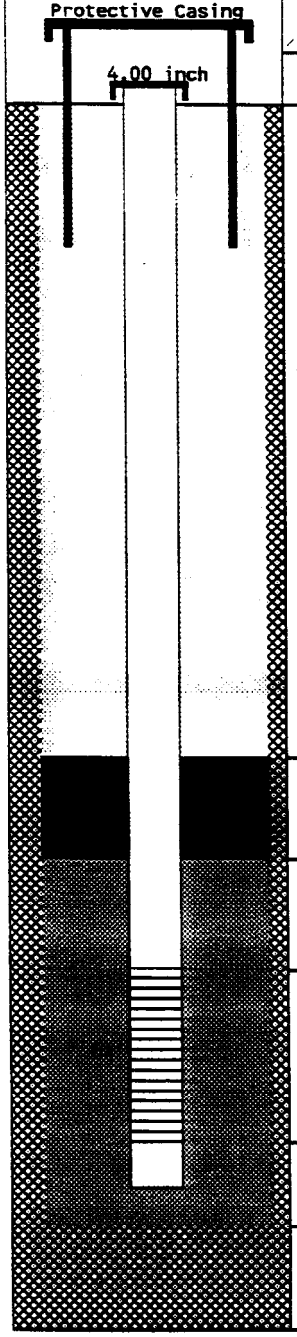
ELEVATION	DEPTH	MATERIAL	% RECOVERY	CLASSIFICATION	COLOR	STRENGTH	MOISTURE	BLOW COUNT	FIELD INSTRUMENT READING	COMMENTS
				Interval Not Sampled						AUGERED INTERVAL. TD AT 43 FT. BGS.
-42	42									
-44	44									
-46	46									
-48	48									
-50	50									
-52	52									
-54	54									
-56	56									
-58	58									
-60	60									
-62	62									
-64	64									
-66	66									
-68	68									
-70	70									
-72	72									
-74	74									
-76	76									
-78	78									
-80	80									

Well Completion Summary *Roy F. WESTON, Inc.*

CLIENT	USEPA-CIRCUITRON	*DRILLING FIRM*	LAND,AIR,WATER
SITE NAME	USEPA-CIRCUITRON COR	*INSPECTOR*	R. SANSONE

WELL ID	MW-14
START DATE	02/14/94
COMPLETION DATE	02/14/94

WATER LEVELS



DEPTH		*ELEV.*
0.00	*TC*	0.00
0.00	*GS*	0.00
28.00	*BN*	-28.00
30.00	*SP*	-30.00
32.00	*SC*	-32.00
42.00	*BS*	-42.00
42.00	*TD*	0.00

DRILLING SUMMARY

Driller C.PETERSEN
Drilling Fluid NONE
Well Type SINGLE CASED SCREENED

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 4.00 *inch* *Interval:* 0.00 to 27.00 *ft.*
Type : STAINLESS STEEL

Stick Up Inner Casing: 0.00 *ft.* *Protective Casing:* 0.00 *ft.*

Casing Grout: CEMT/BENT *Interval:* 0.00 to 28.00 *ft.*

Seal Type: BENTONITE PELLETS *Interval:* 28.00 to 30.00 *ft.*

Sand Pack Type : MORIE #2 *Interval:* 30.00 to 42.00 *ft.*
Grain Size : UNIFORM *Median Diameter:*
Screen Diameter: 4.00 *Interval:* 32.00 to 42.00 *ft.*
Type : STAINLESS *Slots:* 0.020 *inches*

Silt Trap Interval: 0.00 to 0.00 *ft.*
Backfill Type : *Interval:* 0.00 to 0.00 *ft.*

WELL DEVELOPMENT

Date / /
Method
Yield *Purged Volume*

COMMENTS

TC = Top of Casing
GS = Ground Surface
BN = Top Seal
SP = Top Sand Pack
SC = Top Screen
BS = Bottom Screen
TD = Total Depth
= Grout
= Seal
= Sand Pack
= Formation

Additional Comments:

NOTE: Well Diagram not to Scale ***Elevations are feet above mean sea level***

 05/11/94

Borehole Log

Roy F. WESTON, Inc.

CLIENT	: USEPA-CIRCUITRON	TOTAL DEPTH	: 42.00
SITE NAME	: USEPA-CIRCUITRON CORP.	LOGGER	: R. SANSONE
WELL ID	: MW-14	DRILLING COMPANY	: LAND,AIR,WATER
NORTHING	: 0.0000 estimated	DRILLING RIG	: MOBILE B-61
EASTING	: 0.0000 estimated	DATE STARTED	: 02/14/94
ELEVATION	: 0.000 estimated	DATE COMPLETED	: 02/14/94

ELEVATION	DEPTH	MATERIAL	% RECOVERY	CLASSIFICATION	COLOR	STRENGTH	MOISTURE	BLOW COUNT	FIELD INSTRUMENT READING	COMMENTS
				Interval Not Sampled					HNU 0.0	AUGERED INTERVAL.
-2	2									
-4	4									
-6	6									
-8	8									
-10	10									
-12	12									
-14	14									
-16	16									
-18	18									
-20	20									
-22	22									
-24	24									
-26	26									
-28	28									
-30	30									
-32	32									
-34	34									
-36	36									
-38	38									
-40	40		100	Well-graded sand with gravel, SW	BROWN	LSE	SAT	6 9 14 15	HNU 0.0	TRACE FINE SAND.

Borehole Log

Roy F. WESTON, Inc.

CLIENT	: USEPA-CIRCUITRON	TOTAL DEPTH	: 42.00
SITE NAME	: USEPA-CIRCUITRON CORP.	LOGGER	: R. SANSONE
WELL ID	: MW-14	DRILLING COMPANY	: LAND,AIR,WATER
NORTHING	: 0.0000 estimated	DRILLING RIG	: MOBILE B-61
EASTING	: 0.0000 estimated	DATE STARTED	: 02/14/94
ELEVATION	: 0.000 estimated	DATE COMPLETED	: 02/14/94

ELEVATION	DEPTH	MATERIAL	% RECOVERY	CLASSIFICATION	COLOR	STRENGTH	MOISTURE	BLOW COUNT	FIELD INSTRUMENT READING	COMMENTS
				Well-graded sand with gravel, SW	BROWN	LSE	SAT		HNU 0.0	TRACE FINE SAND.
-42	42			Interval Not Sampled						AUGERED TO TD @ 42 FT.BGS
-44	44									
-46	46									
-48	48									
-50	50									
-52	52									
-54	54									
-56	56									
-58	58									
-60	60									
-62	62									
-64	64									
-66	66									
-68	68									
-70	70									
-72	72									
-74	74									
-76	76									
-78	78									
-80	80									

- **East Farmingdale Water District Data**

EAST FARMINGDALE WATER DISTRICT

72 GAZZA BLVD.
FARMINGDALE, N.Y. 11735

249-4211

JOHN FERRARI, SUPERINTENDENT

TOWN OF BABYLON
TOWN BOARD, COMMISSIONERS

May 12, 1994

Ms. Jill Haimson
Ray F. Weston
1 Old Country Road
Suite 430
Carle Place, NY 11514

Dear Ms. Haimson:

I am forwarding the following material that was requested by yourself and Ben Edgar. Our Annual Water Supply Statement, analytical results of Well #2-1, S-20041; analytical results of Well #2-2, S-20042; analytical results of Well #5-1, S-91611.

The following is a brief history of these wells:

Well #2-1, S-20041 Depth: 268'
Contaminants - Volatile organics - Well is shut and off line because of this.

Well #2-2, S-20042 Depth: 585'
Contaminants - As you can see by the enclosed results, this well is testing, intermittently showed small amounts of trichloroethene in 1992.

Well #5-1, S-91611 Depth: 688'
Contaminants - None Detected - This well is still under construction, scheduled to be on line June of this year.

If I can be of any further help on this matter, please call.

Very truly yours,

John Ferrari
Superintendent

JF/cm
Encls.

72 Gazza Boulevard

Presorted
First Class Mail
U.S. Postage
Paid
Farmingdale, N.Y
Permit No. 103

EFWD

John Ferrari, Superintendent
East Farmingdale Water District, Town of Babylon, New York

Dear consumer,

The East Farmingdale Water District continues to offer superior service and good quality water at rates which rank among the lowest on Long Island. New water mains and a new well serve district homes and businesses with a water supply that is continuously monitored and tested. This attention to safety is the district's commitment to you, the consumer, in providing your family with quality water service.

If you have any questions about the water district, please call us at Babylon Town Hall at 957-3000, or call the Water District office at 249-4211.

Sincerely,

Richard Schaffer, Town Supervisor

Robert Kaufold, Councilman

PUBLIC NOTICE: ANNUAL WATER SUPPLY STATEMENT FOR THE EAST FARMINGDALE WATER DISTRICT

This ANNUAL WATER SUPPLY STATEMENT is provided in compliance with Title III Sections 1150-1153 of the New York State Public Health Law. It provides basic information regarding the status of the water quality, quantity and conservation.

The East Farmingdale Water District's water supply comes from four wells located on three separate well fields. All wells obtain water from the Magothy Aquifer beneath Long Island.

The approximate population served by the East Farmingdale Water District during 1993 was 5,700.

The total amount of water withdrawn from the aquifer in 1993 was 786,516,000 gallons, of which approximately 97 percent was billed directly to consumers.

The water rates of the East Farmingdale water District are as follows:

$0.85 per 1,000 gallons for the first 200,000 gallons per year; then

$1.00 per 1,000 gallons for the next 100,000 gallons per year; then

$1.25 per 1,000 gallons for all usage over 300,000 gallons per year

The analytical testing results for 1993 for those constituents required to be tested for under Part 5 of the State Sanitary Code for the distribution system are as follows:

THE FOLLOWING IS AN AVERAGE OF THE ORGANICS TAKEN FROM SAMPLES OF THE WELLS AND ONE DISTRIBUTION SAMPLE:

OTHER VOLATILE ORGANICS	1993 STANDARD OR GUIDELINE		TESTING DETECTION LIMITS (ug/L)	# OF SAMPLES ANALYZED	ACTUAL TESTS MAX (ug/L)	AVG (ug/L)	MIN (ug/L)
Bromobenzene	5	ug/L	0.5	20	ND	ND	ND
Bromochloromethane	5	ug/L	0.5	20	ND	ND	ND
Bromomethane	5	ug/L	0.5	20	ND	ND	ND
n-Butylbenzene	5	ug/L	0.5	20	ND	ND	ND
sec-Butylbenzene	5	ug/L	0.5	20	ND	ND	ND
tert-Butylbenzene	5	ug/L	0.5	20	ND	ND	ND
Chlorobenzene	5	ug/L	0.5	20	ND	ND	ND
Chloroethane	5	ug/L	0.5	20	ND	ND	ND
Chloromethane	5	ug/L	0.5	20	ND	ND	ND
2-Chlorotoluene	5	ug/L	0.5	20	ND	ND	ND
4-Chlorotoluene	5	ug/L	0.5	20	ND	ND	ND
Dibromomethane	5	ug/L	0.5	20	ND	ND	ND
1,2-Dichlorobenzene	5	ug/L	0.5	20	ND	ND	ND
1,3-Dichlorobenzene	5	ug/L	0.5	20	ND	ND	ND
1,4-Dichlorobenzene	5	ug/L	0.5	20	ND	ND	ND
Dichlorodiflouromethane	5	ug/L	0.5	20	ND	ND	ND
1,1-Dichloroethane	5	ug/L	0.5	20	ND	ND	ND
1,1-Dichloroethene	5	ug/L	0.5	20	ND	ND	ND
cis-1,2-Dichloroethene	5	ug/L	0.5	20	ND	ND	ND
trans-1,2-Dichloroethene	5	ug/L	0.5	20	ND	ND	ND
1,2-Dichloropropane	5	ug/L	0.5	20	ND	ND	ND
1,3-Dichloropropane	5	ug/L	0.5	20	ND	ND	ND
2,2-Dichloropropane	5	ug/L	0.5	20	ND	ND	ND
1,1-Dichloropropene	5	ug/L	0.5	20	ND	ND	ND
cis-1,3-Dichloropropene	5	ug/L	0.5	20	ND	ND	ND
trans-1,3-Dichloropropene	5	ug/L	0.5	20	ND	ND	ND
Ethylbenzene	5	ug/L	0.5	20	ND	ND	ND
Hexachlorobutadiene	5	ug/L	0.5	20	ND	ND	ND
Isopropylbenzene	5	ug/L	0.5	20	ND	ND	ND
p-Isopropyltoluene	5	ug/L	0.5	20	ND	ND	ND
Methylene Chloride	5	ug/L	0.5	20	ND	ND	ND
n-Propylbenzene	5	ug/L	0.5	20	ND	ND	ND
Styrene	5	ug/L	0.5	20	ND	ND	ND
1,1,1,2-Tetrachloroethane	5	ug/L	0.5	20	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ug/L	0.5	20	ND	ND	ND
Tetrachloroethene	5	ug/L	0.5	20	ND	ND	ND
Toluene	5	ug/L	0.5	20	ND	ND	ND
1,2,3-Trichlorobenzene	5	ug/L	0.5	20	ND	ND	ND
1,2,4-Trichlorobenzene	5	ug/L	0.5	20	ND	ND	ND
1,1,2-Trichloroethane	5	ug/L	0.5	20	ND	ND	ND
Trichloroethene	5	ug/L	0.5	20	ND	ND	ND
Trichlorofluoromethane	5	ug/L	0.5	20	ND	ND	ND
1,2,3-Trichloropropane	5	ug/L	0.5	20	ND	ND	ND
1,2,4-Trimethylbenzene	5	ug/L	0.5	20	ND	ND	ND
1,3,5-Trimethylbenzene	5	ug/L	0.5	20	ND	ND	ND
m-Xylene	5	ug/L	0.5	20	ND	ND	ND
o-Xylene	5	ug/L	0.5	20	ND	ND	ND
p-Xylene	5	ug/L	0.5	20	ND	ND	ND

During 1993 a total of approximately 261 bacteriological samples were taken from the distribution system of the East Farmingdale Water District. There were no violations of Part 5 of the State Sanitary Code as it relates to microbiological water quality.

The East Farmingdale Water District is in compliance with the lead and copper monitoring regulations for a medium-sized system. During the first half of 1993, a total of 40 first draw point of use samples were collected and analyzed. The analytical testing results of those samples are as follows:

			Analytical Results of				
Constituent	Action Level at 90th Percentile	No. of Samples Analyzed	High Value	Low Value	Mean Value	90th Percentile Level	Units
Lead	15.0 ug/l	40	14.6	0	1.00	<0.5	ug/l
Copper	1.3 mg/l	40	0.22	0	0.024	<0.2	mg/l

During the second half of 1993, a total of 40 first draw point of use samples were collected and analyzed. The analytical testing results of those samples are as follows:

			Analytical Results of				
Constituent	Action Level at 90th Percentile	No. of Samples Analyzed	High Value	Low Value	Mean Value	90th Percentile Level	Units
Lead	15.0 ug/l	40	16.43	0	3.11	0.86	ug/l
Copper	1.3 mg/l	40	1.22	0	0.15	0.031	mg/l

Analytical results of the lead and copper testing are below the "Action Level" which requires the District to take any other action.

The East Farmingdale Water District provides pH adjustment and chlorine treatment at all wells prior to the distribution of water to the consumer. The pH is adjusted upward by the addition of lime or sodium hydroxide to reduce the corrosivity of the water. Chlorine is added to provide a minimum chlorine residual of 0.1 mg/l to protect against the growth of bacteria within the distribution system.

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES - WATER ANALYSIS

NAME: East Farmingdale W.D.
SAMPLE DATE: March 10, 1993
Well 2-1 S-20041

	Result	MCL
total coliform ..	absent	absent
specific conduct.	67	- umhos/cm
pH	5.8	-
nitrate	3.0	10.0 mg/l
free ammonia	<0.02	- mg/l
chloride	9.0	250. mg/l
sulfate	<4.0	250. mg/l
iron	<0.10	0.3 mg/l*
manganese	<0.05	0.3 mg/l*
copper	2.11	1.0 mg/l
sodium	6.5	- mg/l+
zinc	<0.4	5.0 mg/l
aldicarb	<1	-
aldicarb sulfoxide	<1	-
aldicarb sulfone	<1	-
TOTAL ALDICARB	-	7 ppb
carbofuran	<1	15 ppb
3-hydroxycarbfuran	<1	- ppb
oxamyl	<1	50 ppb
carbaryl	<1	50 ppb
1-naphthol	<1	- ppb
methomyl	<1	50 ppb
propoxur	<1	50 ppb
methiocarb.....	<1	50 ppb

	Result	MCL
alpha-BHC	<0.2	0.2 ppb
beta-BHC	<0.2	0.2 ppb
gamma-BHC	<0.2	0.2 ppb
delta-BHC	<0.2	0.2 ppb
lindane (sum BHC)	-	0.2 ppb
heptachlor	<0.2	0.4 ppb
heptachl' epoxide	<0.2	0.2 ppb
aldrin	<0.2	-
dieldrin	<0.2	-
4,4 DDE	<0.2	-
4,4 DDD	<0.2	-
4,4 DDT	<0.2	-
endrin	<0.2	0.2 ppb
endrin aldehyde	<0.2	-
chlordane	<1.	2. ppb
alachlor	<0.5	2. ppb
methoxychlor ...	<0.5	40. ppb
endosulfan I ...	<0.5	2. ppb
endosulfan II ..	<0.2	-
cadmium	<2.	10. ppb
lead	2.3	- ppb#
arsenic	<20.	50. ppb
selenium.....	<2.	10. ppb
silver.....	<10.	50. ppb
chromium.....	<10.	50. ppb

mg/l = miligrams per liter
* Iron and manganese combined should not exceed 0.5 mg/l.
+ Moderately restricted sodium diet should not exceed 270 mg/l. Severely resticted sodium diet should not exceed 20 mg/l.
# If lead exceeds the 15 ppb Action Level, remedial actions are recommended.

	Result
vinyl chloride	<0.5 (2)
methylene chloride	<0.5
1,1 dichloroethane	<0.5
trans 1,2 dichloroethene	<0.5
chloroform	<0.5 100)
1,2 dichloroethane	1.0
1,1,1 trichloroethane ..	2.0
carbon tetrachloride ...	<0.5
1 bromo 2 chloroethane .	<0.5
1,2 dichloropropane	<0.5
trichloroethene	7.0
chlorodibromomethane ...	<0.5 (100)
1,2 dibromoethane	<0.02(0.05)
2 bromo 1 chloropropane	<0.5
bromoform	<0.5 (100)
tetrachloroethene	2.0
cis dichloroethene	1.0
freon 113	4.0
dibromomethane	<0.5
1,1 dichloroethene	<0.5
bromodichloromethane ...	<0.5 (100)
2,3 dichloropropene	<0.5
cis dichloropropene	<0.5
trans dichloropropene ..	<0.5
1,1,2 trichloroethane ..	<0.5
1,1,1,2 tetrachlo'ethane	<0.5
s-tetrachloroethane	<0.5
1,2,3 trichloropropane .	<0.5
2,2 dichloropropane	<0.5
1,3 dichloropropane	<0.5

	Result
benzene	<0.5
toluene	<0.5
chlorobenzene	<0.5
ethylbenzene	<0.5
o-xylene.....	<0.5
m-xylene	<0.5
p-xylene	<0.5
total xylene	-
o-chlorotoluene	<0.5
m-chlorotoluene	<0.5
p-chlorotoluene	<0.5
total chlorotoluene	-
1,3,5 trimethylbenzene	<0.5
1,2,4 trimethylbenzene	<0.5
m,p-dichlorobenzene	<0.5
o-dichlorobenzene	<0.5
p-diethylbenzene	<0.5
1,2,4,5 tetramethylbenzene ..	<0.5
1,2,4 trichlorobenzene	<0.5
1,2,3 trichlorobenzene	<0.5
ethenylbenzene (styrene)	<0.5
1 methylethylbenzene (cumene)	<0.5
n-propylbenzene	<0.5
tert-butylbenzene	<0.5
sec-butylbenzene	<0.5
isopropyltoluene (p-cymene) .	<0.5
n-butylbenzene	<0.5
hexachlorobutadiene	<0.5
1,2 dibromo 3-chloropropane .	<0.02
methyl tertiary butyl ether .	<0.5 (50)

NOTE: < symbol means "less than" indicating no detection
The Maximum Contaminant Levels (MCL's) for volatile organic compounds are 5 parts per billion (ppb) each. Separate limits established for individual compounds and trihalomethanes are noted in parentheses ().

SUPPLEMENT TO THE 1992
ANNUAL WATER SUPPLY STATEMENT
EAST FARMINGDALE WATER DISTRICT

WELL NO. 2-2

ND = NOT DETECTABLE

INORGANIC PRIMARY (HEALTH)	1992 STANDARD OR GUIDELINE	TESTING DETECTION LIMITS (mg/L)	# OF SAMPLES ANALYZED	ACTUAL TESTS MAX (mg/L)	AVG (mg/L)	MIN (mg/L)
Ammonia	2.0 mg/L	0.01	1	ND	ND	ND
Chloride	250.0 mg/L	0.001	1	4.21	4.21	4.21
Detergents	0.5 mg/L	0.05	1	ND	ND	ND
pH	6.5 - 8.5 UNITS		1	5.7	5.7	5.7
Carbon Dioxide			1	16	16	16
Total Alkalinity	No Standard		1	4	4	4
Total Solids	500 mg/L		1	40	40	40
Total Hardness	No Standard		1	9	9	9
Specific Conductivity			1	22	22	22
Langelier Index	No Standard		1	-5	-5	-5
Copper	1.0 mg/L	0.02	1	0.023	0.023	0.023
Iron	0.3 mg/L	0.025	1	ND	ND	ND
Manganese	0.3 mg/L	0.02	1	ND	ND	ND
Nitrate	10.0 mg/L	0.01	1	0.22	0.22	0.22
Sodium	20 & 270 mg/L*	0.5	1	2.65	2.65	2.65
Sulfate	250 mg/L	0.01	1	1.02	1.02	1.02
Zinc	500 mg/L	0.01	1	ND	ND	ND

* 20 mg/L is limit recommended by many physicians for people on severely sodium restricted diets.

PRIMARY VOLATILE ORGANICS	1992 STANDARD OR GUIDELINE	TESTING DETECTION LIMITS (ug/L)	# OF SAMPLES ANALYZED	ACTUAL TESTS MAX (ug/L)	AVG (ug/L)	MIN (ug/L)
Benzene	5 ug/L	0.5	4	ND	ND	ND
Carbon tetrachloride	5 ug/L	0.5	4	ND	ND	ND
1,2-Dichloroethane	5 ug/L	0.5	4	ND	ND	ND
1,1,1-Trichloroethane	5 ug/L	0.5	4	ND	ND	ND
Trichloroethylene	5 ug/L	0.5	4	ND	ND	ND
Vinyl Chloride	2 ug/L	0.5	4	ND	ND	ND

OTHER VOLATILE ORGANICS	1992 STANDARD OR GUIDELINE		TESTING DETECTION LIMITS (ug/L)	# OF SAMPLES ANALYZED	ACTUAL TESTS MAX (ug/L)	AVG (ug/L)	MIN (ug/L)
Bromobenzene	5	ug/L	0.5	4	ND	ND	ND
Bromochloromethane	5	ug/L	0.5	4	ND	ND	ND
Bromomethane	5	ug/L	0.5	4	ND	ND	ND
n-Butylbenzene	5	ug/L	0.5	4	ND	ND	ND
sec-Butylbenzene	5	ug/L	0.5	4	ND	ND	ND
tert-Butylbenzene	5	ug/L	0.5	4	ND	ND	ND
Chlorobenzene	5	ug/L	0.5	4	ND	ND	ND
Chloroethane	5	ug/L	0.5	4	ND	ND	ND
Chloromethane	5	ug/L	0.5	4	ND	ND	ND
2-Chlorotoluene	5	ug/L	0.5	4	ND	ND	ND
4-Chlorotoluene	5	ug/L	0.5	4	ND	ND	ND
Dibromomethane	5	ug/L	0.5	4	ND	ND	ND
1,2-Dichlorobenzene	5	ug/L	0.5	4	ND	ND	ND
1,3-Dichlorobenzene	5	ug/L	0.5	4	ND	ND	ND
1,4-Dichlorobenzene	5	ug/L	0.5	4	ND	ND	ND
Dichlorodiflouromethane	5	ug/L	0.5	4	ND	ND	ND
1,1-Dichloroethane	5	ug/L	0.5	4	ND	ND	ND
1,1-Dichloroethene	5	ug/L	0.5	4	ND	ND	ND
cis-1,2-Dichloroethene	5	ug/L	0.5	4	ND	ND	ND
trans-1,2-Dichloroethene	5	ug/L	0.5	4	ND	ND	ND
1,2-Dichloropropane	5	ug/L	0.5	4	ND	ND	ND
1,3-Dichloropropane	5	ug/L	0.5	4	ND	ND	ND
2,2-Dichloropropane	5	ug/L	0.5	4	ND	ND	ND
1,1-Dichloropropene	5	ug/L	0.5	4	ND	ND	ND
cis-1,3-Dichloropropene	5	ug/L	0.5	4	ND	ND	ND
trans-1,3-Dichloropropene	5	ug/L	0.5	4	ND	ND	ND
Ethylbenzene	5	ug/L	0.5	4	ND	ND	ND
Hexachlorobutadiene	5	ug/L	0.5	4	ND	ND	ND
Isopropylbenzene	5	ug/L	0.5	4	ND	ND	ND
p-Isopropyltoluene	5	ug/L	0.5	4	ND	ND	ND
Methylene Chloride	5	ug/L	0.5	4	ND	ND	ND
n-Propylbenzene	5	ug/L	0.5	4	ND	ND	ND
Styrene	5	ug/L	0.5	4	ND	ND	ND
1,1,1,2-Tetrachloroethane	5	ug/L	0.5	4	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ug/L	0.5	4	ND	ND	ND
Tetrachloroethane	5	ug/L	0.5	4	ND	ND	ND
Toluene	5	ug/L	0.5	4	ND	ND	ND
1,2,3-Trichlorobenzene	5	ug/L	0.5	4	ND	ND	ND
1,2,4-Trichlorobenzene	5	ug/L	0.5	4	ND	ND	ND
1,1,2-Trichloroethane	5	ug/L	0.5	4	ND	ND	ND
* Trichloroethene	5	ug/L	0.5	5	0.31	0.06	ND
Trichlorofluoromethane	5	ug/L	0.5	4	ND	ND	ND
1,2,3-Trichloropropane	5	ug/L	0.5	4	ND	ND	ND
1,2,4-Trimethylbenzene	5	ug/L	0.5	4	ND	ND	ND
1,3,5-Trimethylbenzene	5	ug/L	0.5	4	ND	ND	ND
m-Xylene	5	ug/L	0.5	4	ND	ND	ND
o-Xylene	5	ug/L	0.5	4	ND	ND	ND
p-Xylene	5	ug/L	0.5	4	ND	ND	ND
1,2-Dibromoethane (EDB)	0.05	ug/L	0.02	1	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.2	ug/L	0.02	1	ND	ND	ND

SUPPLEMENT TO THE 1993
ANNUAL WATER SUPPLY STATEMENT
EAST FARMINGDALE WATER DISTRICT

WELL NO. 2-2

ND = NOT DETECTABLE

PHYSICAL (AESTHETICS) & OTHER PARAMETERS	1993 STANDARD OR GUIDELINE	TESTING DETECTION LIMITS (UNITS)	# OF SAMPLES ANALYZED	ACTUAL TESTS MAX (UNITS)	AVG (UNITS)	MIN (UNITS)
Color	15 UNITS	5	1	5.00	5.00	5.00
Odor	3 UNITS	---	1	0.00	0.00	0.00

INORGANIC	1993 STANDARD OR GUIDELINE	TESTING DETECTION LIMITS (mg/L)	# OF SAMPLES ANALYZED	ACTUAL TESTS MAX (mg/L)	AVG (mg/L)	MIN (mg/L)
Free Ammonia	No Standard	0.01	2	ND	ND	ND
Chloride	250.0 mg/L	0.001	2	4.53	4.47	4.41
MBAS (Detergent)	No Standard	0.05	2	ND	ND	ND
pH	6.5 - 8.5 UNITS	---	2	5.90	5.75	5.60
Carbon Dioxide	2.0 mg/L	0.01	1	25.10	25.10	25.10
Total Alkalinity	No Standard	0.05	1	5.00	5.00	5.00
Total Solids	500 mg/L	0.01	1	19.00	19.00	19.00
Total Hardness	No Standard	0.01	1	3.00	3.00	3.00
Specific Conductivity	No Standard	---	2	34.00	29.00	24.00
Langelier Index	No Standard	---	1	-5.10	-5.10	-5.10
Copper	1.3 mg/L	0.02	1	ND	ND	ND
Iron	0.3 mg/L	0.025	2	0.027	0.026	0.024
Manganese	0.3 mg/L	0.02	2	0.04	0.02	ND
Nitrate	10.0 mg/L	0.01	2	0.19	0.17	0.14
Sodium	20 & 270 mg/L*	0.5	2	3.19	1.60	ND
Sulfate	250 mg/L	0.01	2	1.22	1.18	1.14
Zinc	5 mg/L	0.01	2	0.035	0.018	ND
Flouride	2.2 mg/L	0.01	1	ND	ND	ND
Nitrite	120 mg/L	0.01	1	ND	ND	ND
Mercury	0.002 mg/L	0.0005	1	ND	ND	ND
Barium	2.0 mg/L	0.004	1	ND	ND	ND
Arsenic	0.5 mg/L	0.001	1	ND	ND	ND
Cadmium	0.005 mg/L	0.001	1	ND	ND	ND
Selenium	0.01 mg/L	0.001	1	ND	ND	ND
Chromium	0.1 mg/L	0.02	1	ND	ND	ND
Lead	0.015 mg/L	0.0005	1	ND	ND	ND
Thallium	0.002 mg/L	0.25	1	ND	ND	ND
Beryllium	0.004 mg/L	0.008	1	ND	ND	ND
Antimony	0.006 mg/L	0.003	1	ND	ND	ND
Nickel	0.1 mg/L	0.06	1	0.007	0.007	0.007
Cyanide	0.2 mg/L	0.16	1	ND	ND	ND

* 20 mg/L is limit recommended by many physicians for people on severely sodium restricted diets.

PRIMARY VOLATILE ORGANICS	1993 STANDARD OR GUIDELINE	TESTING DETECTION LIMITS (ug/L)	# OF SAMPLES ANALYZED	ACTUAL TESTS MAX (ug/L)	AVG (ug/L)	MIN (ug/L)
Benzene	5 ug/L	0.5	4	ND	ND	ND
Carbon tetrachloride	5 ug/L	0.5	4	ND	ND	ND
1,2-Dichloroethane	5 ug/L	0.5	4	ND	ND	ND
1,1,1-Trichloroethane	5 ug/L	0.5	4	ND	ND	ND
Vinyl Chloride	2 ug/L	0.5	4	ND	ND	ND

OTHER VOLATILE ORGANICS	1993 STANDARD OR GUIDELINE	TESTING DETECTION LIMITS (ug/L)	# OF SAMPLES ANALYZED	ACTUAL TESTS MAX (ug/L)	AVG (ug/L)	MIN (ug/L)
Bromobenzene	5 ug/L	0.5	4	ND	ND	ND
Bromochloromethane	5 ug/L	0.5	4	ND	ND	ND
Bromomethane	5 ug/L	0.5	4	ND	ND	ND
n-Butylbenzene	5 ug/L	0.5	4	ND	ND	ND
sec-Butylbenzene	5 ug/L	0.5	4	ND	ND	ND
tert-Butylbenzene	5 ug/L	0.5	4	ND	ND	ND
Chlorobenzene	5 ug/L	0.5	4	ND	ND	ND
Chloroethane	5 ug/L	0.5	4	ND	ND	ND
Chloromethane	5 ug/L	0.5	4	ND	ND	ND
2-Chlorotoluene	5 ug/L	0.5	4	ND	ND	ND
4-Chlorotoluene	5 ug/L	0.5	4	ND	ND	ND
Dibromomethane	5 ug/L	0.5	4	ND	ND	ND
1,2-Dichlorobenzene	5 ug/L	0.5	4	ND	ND	ND
1,3-Dichlorobenzene	5 ug/L	0.5	4	ND	ND	ND
1,4-Dichlorobenzene	5 ug/L	0.5	4	ND	ND	ND
Dichlorodiflouromethane	5 ug/L	0.5	4	ND	ND	ND
1,1-Dichloroethane	5 ug/L	0.5	4	ND	ND	ND
1,1-Dichloroethene	5 ug/L	0.5	4	ND	ND	ND
cis-1,2-Dichloroethene	5 ug/L	0.5	4	ND	ND	ND
trans-1,2-Dichloroethene	5 ug/L	0.5	4	ND	ND	ND
1,2-Dichloropropane	5 ug/L	0.5	4	ND	ND	ND
1,3-Dichloropropane	5 ug/L	0.5	4	ND	ND	ND
2,2-Dichloropropane	5 ug/L	0.5	4	ND	ND	ND
1,1-Dichloropropene	5 ug/L	0.5	4	ND	ND	ND
cis-1,3-Dichloropropene	5 ug/L	0.5	4	ND	ND	ND
trans-1,3-Dichloropropene	5 ug/L	0.5	4	ND	ND	ND
Ethylbenzene	5 ug/L	0.5	4	ND	ND	ND
Hexachlorobutadiene	5 ug/L	0.5	4	ND	ND	ND
Isopropylbenzene	5 ug/L	0.5	4	ND	ND	ND
p-Isopropyltoluene	5 ug/L	0.5	4	ND	ND	ND
Methylene Chloride	5 ug/L	0.5	4	ND	ND	ND
n-Propylbenzene	5 ug/L	0.5	4	ND	ND	ND
Styrene	5 ug/L	0.5	4	ND	ND	ND
1,1,1,2-Tetrachloroethane	5 ug/L	0.5	4	ND	ND	ND
1,1,2,2-Tetrachloroethane	5 ug/L	0.5	4	ND	ND	ND
Tetrachloroethene	5 ug/L	0.5	4	ND	ND	ND

OTHER VOLATILE ORGANICS (continued)	1993 STANDARD OR GUIDELINE	TESTING DETECTION LIMITS (ug/L)	# OF SAMPLES ANALYZED	ACTUAL TESTS MAX (ug/L)	AVG (ug/L)	MIN (ug/L)
Toluene	5 ug/L	0.5	4	ND	ND	ND
1,2,3-Trichlorobenzene	5 ug/L	0.5	4	ND	ND	ND
1,2,4-Trichlorobenzene	5 ug/L	0.5	4	ND	ND	ND
1,1,2-Trichloroethane	5 ug/L	0.5	4	ND	ND	ND
Trichloroethene	5 ug/L	0.5	4	ND	ND	ND
Trichlorofluoromethane	5 ug/L	0.5	4	ND	ND	ND
1,2,3-Trichloropropane	5 ug/L	0.5	4	ND	ND	ND
1,2,4-Trimethylbenzene	5 ug/L	0.5	4	ND	ND	ND
1,3,5-Trimethylbenzene	5 ug/L	0.5	4	ND	ND	ND
m-Xylene	5 ug/L	0.5	4	ND	ND	ND
o-Xylene	5 ug/L	0.5	4	ND	ND	ND
p-Xylene	5 ug/L	0.5	4	ND	ND	ND

PESTICIDES AND SOC'S	1993 STANDARD OR GUIDELINE	TESTING DETECTION LIMITS (ug/L)	# OF SAMPLES ANALYZED	ACTUAL TESTS MAX (ug/L)	AVG (ug/L)	MIN (ug/L)
Atrazine	3 ug/L	1.0	4	ND	ND	ND
2,4-D	50 ug/L	1.0	4	ND	ND	ND
Pentachlorophenol	1 ug/L	1.0	4	ND	ND	ND
Toxaphene	3 ug/L	1.0	4	ND	ND	ND
2,4,5-TP (Silvex)	10 ug/L	1.0	4	ND	ND	ND
Benxo(a)pyrene	0.2 ug/L	1.0	4	ND	ND	ND
Butachlor	50 ug/L	1.0	4	ND	ND	ND
Dalapon	200 ug/L	1.0	4	ND	ND	ND
di(2-ethylexyl)adipate	400 ug/L	1.0	4	ND	ND	ND
di(2-ethylexyl)phthalates	6 ug/L	1.0	4	ND	ND	ND
Dicamba	50 ug/L	1.0	4	ND	ND	ND
Dinoseb	7 ug/L	1.0	4	ND	ND	ND
Diquat	20 ug/L	1.0	4	ND	ND	ND
Endothall	100 ug/L	1.0	4	ND	ND	ND
Glyphosate	700 ug/L	1.0	4	ND	ND	ND
Hexachlorobenzene	1 ug/L	1.0	4	ND	ND	ND
Hexachloropentadiene	50 ug/L	1.0	4	ND	ND	ND
Metolachlor	50 ug/L	1.0	4	ND	ND	ND
Metribuzin	50 ug/L	1.0	4	ND	ND	ND
Pichloram	500 ug/L	1.0	4	ND	ND	ND
Propachlor	50 ug/L	1.0	4	ND	ND	ND
Simazine	4 ug/L	1.0	4	ND	ND	ND
Polychlorinated biphenyls (PCB)	0.5 ug/L	0.2	4	ND	ND	ND

SUPPLEMENT TO THE 1993 ANNUAL WATER SUPPLY STATEMENT EAST FARMINGDALE WATER DISTRICT

WELL NO. 5-1

ND = NOT DETECTABLE

PHYSICAL (AESTHETICS) & OTHER PARAMETERS	1993 STANDARD OR GUIDELINE	TESTING DETECTION LIMITS (UNITS)	# OF SAMPLES ANALYZED	ACTUAL TESTS MAX (UNITS)	AVG (UNITS)	MIN (UNITS)
Color	15 UNITS	5	1	ND	ND	ND
Odor	3 UNITS	—	1	0.00	0.00	0.00

INORGANIC	1993 STANDARD OR GUIDELINE	TESTING DETECTION LIMITS (mg/L)	# OF SAMPLES ANALYZED	ACTUAL TESTS MAX (mg/L)	AVG (mg/L)	MIN (mg/L)
Free Ammonia	No Standard	0.01	1	ND	ND	ND
Chloride	250.0 mg/L	0.001	1	3.94	3.94	3.94
MBAS (Detergent)	No Standard	0.05	1	ND	ND	ND
pH	6.5 - 8.5 UNITS	—	1	5.90	5.90	5.90
Carbon Dioxide	2.0 mg/L	0.01	0	—	—	—
Total Alkalinity	No Standard	0.05	0	—	—	—
Total Solids	500 mg/L	0.01	0	—	—	—
Total Hardness	No Standard	0.01	0	—	—	—
Specific Conductivity	No Standard	—	1	22.00	22.00	22.00
Langelier Index	No Standard	—	0	—	—	—
Copper	1.3 mg/L	0.02	0	—	—	—
Iron	0.3 mg/L	0.025	1	0.53	0.53	0.53
Manganese	0.3 mg/L	0.02	1	ND	ND	ND
Nitrate	10.0 mg/L	0.01	1	0.24	0.24	0.24
Sodium	20 & 270 mg/L*	0.5	1	2.60	2.60	2.60
Sulfate	250 mg/L	0.01	1	1.40	1.40	1.40
Zinc	5 mg/L	0.01	1	0.03	0.03	0.03
Flouride	2.2 mg/L	0.01	1	ND	ND	ND
Nitrite	120 mg/L	0.01	1	ND	ND	ND
Mercury	0.002 mg/L	0.0005	1	ND	ND	ND
Barium	2.0 mg/L	0.004	1	ND	ND	ND
Arsenic	0.5 mg/L	0.001	1	ND	ND	ND
Cadmium	0.005 mg/L	0.001	1	ND	ND	ND
Selenium	0.01 mg/L	0.001	1	ND	ND	ND
Chromium	0.1 mg/L	0.02	1	ND	ND	ND
Lead	0.015 mg/L	0.0005	1	0.006	0.006	0.006
Thallium	0.002 mg/L	0.25	1	ND	ND	ND
Beryllium	0.004 mg/L	0.008	1	ND	ND	ND
Antimony	0.006 mg/L	0.003	1	ND	ND	ND
Nickel	0.1 mg/L	0.06	1	ND	ND	ND
Cyanide	0.2 mg/L	0.16	1	ND	ND	ND

* 20 mg/L is limit recommended by many physicians for people on severely sodium restricted diets.

PRIMARY VOLATILE ORGANICS	1993 STANDARD OR GUIDELINE	TESTING DETECTION LIMITS (ug/L)	# OF SAMPLES ANALYZED	ACTUAL TESTS MAX (ug/L)	AVG (ug/L)	MIN (ug/L)
Benzene	5 ug/L	0.5	1	ND	ND	ND
Carbon tetrachloride	5 ug/L	0.5	1	ND	ND	ND
1,2-Dichloroethane	5 ug/L	0.5	1	ND	ND	ND
1,1,1-Trichloroethane	5 ug/L	0.5	1	ND	ND	ND
Vinyl Chloride	2 ug/L	0.5	1	ND	ND	ND

OTHER VOLATILE ORGANICS	1993 STANDARD OR GUIDELINE	TESTING DETECTION LIMITS (ug/L)	# OF SAMPLES ANALYZED	ACTUAL TESTS MAX (ug/L)	AVG (ug/L)	MIN (ug/L)
Bromobenzene	5 ug/L	0.5	1	ND	ND	ND
Bromochloromethane	5 ug/L	0.5	1	ND	ND	ND
Bromomethane	5 ug/L	0.5	1	ND	ND	ND
n-Butylbenzene	5 ug/L	0.5	1	ND	ND	ND
sec-Butylbenzene	5 ug/L	0.5	1	ND	ND	ND
tert-Butylbenzene	5 ug/L	0.5	1	ND	ND	ND
Chlorobenzene	5 ug/L	0.5	1	ND	ND	ND
Chloroethane	5 ug/L	0.5	1	ND	ND	ND
Chloromethane	5 ug/L	0.5	1	ND	ND	ND
2-Chlorotoluene	5 ug/L	0.5	1	ND	ND	ND
4-Chlorotoluene	5 ug/L	0.5	1	ND	ND	ND
Dibromomethane	5 ug/L	0.5	1	ND	ND	ND
1,2-Dichlorobenzene	5 ug/L	0.5	1	ND	ND	ND
1,3-Dichlorobenzene	5 ug/L	0.5	1	ND	ND	ND
1,4-Dichlorobenzene	5 ug/L	0.5	1	ND	ND	ND
Dichlorodiflouromethane	5 ug/L	0.5	1	ND	ND	ND
1,1-Dichloroethane	5 ug/L	0.5	1	ND	ND	ND
1,1-Dichloroethene	5 ug/L	0.5	1	ND	ND	ND
cis-1,2-Dichloroethene	5 ug/L	0.5	1	ND	ND	ND
trans-1,2-Dichloroethene	5 ug/L	0.5	1	ND	ND	ND
1,2-Dichloropropane	5 ug/L	0.5	1	ND	ND	ND
1,3-Dichloropropane	5 ug/L	0.5	1	ND	ND	ND
2,2-Dichloropropane	5 ug/L	0.5	1	ND	ND	ND
1,1-Dichloropropene	5 ug/L	0.5	1	ND	ND	ND
cis-1,3-Dichloropropene	5 ug/L	0.5	1	ND	ND	ND
trans-1,3-Dichloropropene	5 ug/L	0.5	1	ND	ND	ND
Ethylbenzene	5 ug/L	0.5	1	ND	ND	ND
Hexachlorobutadiene	5 ug/L	0.5	1	ND	ND	ND
Isopropylbenzene	5 ug/L	0.5	1	ND	ND	ND
p-Isopropyltoluene	5 ug/L	0.5	1	ND	ND	ND
Methylene Chloride	5 ug/L	0.5	1	ND	ND	ND
n-Propylbenzene	5 ug/L	0.5	1	ND	ND	ND
Styrene	5 ug/L	0.5	1	ND	ND	ND
1,1,1,2-Tetrachloroethane	5 ug/L	0.5	1	ND	ND	ND
1,1,2,2-Tetrachloroethane	5 ug/L	0.5	1	ND	ND	ND
Tetrachloroethene	5 ug/L	0.5	1	ND	ND	ND

OTHER VOLATILE ORGANICS (continued)	1993 STANDARD OR GUIDELINE		TESTING DETECTION LIMITS (ug/L)	# OF SAMPLES ANALYZED	ACTUAL TESTS MAX (ug/L)	AVG (ug/L)	MIN (ug/L)
Toluene	5	ug/L	0.5	1	ND	ND	ND
1,2,3-Trichlorobenzene	5	ug/L	0.5	1	ND	ND	ND
1,2,4-Trichlorobenzene	5	ug/L	0.5	1	ND	ND	ND
1,1,2-Trichloroethane	5	ug/L	0.5	1	ND	ND	ND
Trichloroethene	5	ug/L	0.5	1	ND	ND	ND
Trichlorofluoromethane	5	ug/L	0.5	1	ND	ND	ND
1,2,3-Trichloropropane	5	ug/L	0.5	1	ND	ND	ND
1,2,4-Trimethylbenzene	5	ug/L	0.5	1	ND	ND	ND
1,3,5-Trimethylbenzene	5	ug/L	0.5	1	ND	ND	ND
m-Xylene	5	ug/L	0.5	1	ND	ND	ND
o-Xylene	5	ug/L	0.5	1	ND	ND	ND
p-Xylene	5	ug/L	0.5	1	ND	ND	ND

EFWD

Arthur G. Pitts,
Supervisor

East Farmingdale Water District, Town of Babylon, New York

East Farmingdale Water District Fees Lowest on Long Island

Babylon Town Supervisor Arthur G. Pitts and Town Councilman Robert Kaufold have announced that the East Farmingdale Water District (EFWD) rates are the lowest on Long Island for 1991 and 1992 due to improved fiscal management that led to the elimination of the district tax in 1990.

The Babylon Town Board, which oversees the district, voted two years ago to eliminate the EFWD tax, saving taxpayers an average of $60 a year. Water district customers still pay a fee based on the amount of water they consume.

A new survey conducted by the Water Supply Coordinating Committee of Long Island Water Conference found that the EFWD, which serves approximately 3,000 customers, charges an average of $75 per 100,000 gallons used. Yearly water rates for those companies and districts answering the survey ranged from a low of $75.00 annually for EFWD to a high of $379.20 annually for Garden City South Water District.

The Suffolk County Water Authority, which serves the largest portion of Babylon town, bills its customers an average of $145.40 per 100,000 gallons used.

"We are continuing our efforts to find ways to cut costs every way possible," Supervisor Pitts said. "We are working to ease the tax burden on our residents, and our frugal fiscal management of the EFWD has led to elimination of the tax."

Public Notice: Annual Water Supply Statement for the East Farmingdale Water District

This Annual Water Supply Statement is provided in compliance with Title III Sections 1150-1153 of the New York State Public Health Law. This statement provides basic information relative to the current status of the Water Quantity, Water Quality, & Water Conservation Program of the East Farmingdale Water District. A summary of the 1991 laboratory testing results from the distribution system and a review of water conservation measures available to the District's consumers is also provided. Laboratory testing data for each well may be obtained at the District office, 72 Gazza Blvd., Farmingdale, NY.

The source of water for the District is groundwater from the Magothy aquifer beneath Long Island. Generally, the water quality of this aquifer is good to excellent, although there are localized areas of contamination and the pH of the untreated water is too low (acidic). The water obtained from the District's active wells meets all water quality criteria established by Federal and State agencies.

The approximate population served by the East Farmingdale Water District during 1991 was 5,700. The total amount of water withdrawn from the aquifer in 1991 was 761,124,000 gallons, of which 90 percent was billed directly to consumers at a rate of $.75 per 1,000 gallons.

Below is listed the analytical testing results for 1991 for those constituents required to be tested for under Part 5 of the State Sanitary Code for the distribution system. The applicable state guideline, standard, or maximum contaminant level (if available) for each constituent is listed.

EAST FARMINGDALE WATER DISTRICT DISTRIBUTION SAMPLES

ND = NOT DETECTABLE

SECONDARY (AESTHETICS) & OTHER PARAMETERS	1991 STANDARD OR GUIDELINE	TESTING DETECTION LIMITS mg/L	ACTUAL TESTS MAX mg/L	AVG mg/L	MIN mg/L
Ammonia	2.0 mg/L	0.004	ND	ND	ND
Chloride	250.0 mg/L	2.0	4.6	4.5	4.4
Detergents	0.5 mg/L	0.04	ND	ND	ND
Iron	0.3 mg/L	0.3	ND	ND	ND
Manganese	0.3 mg/L	0.02	ND	ND	ND
Odor (Cold)	3 UNITS	0	ND	ND	ND
pH	6.5-8.5 UNITS		7.5	7.5	7.4
Sodium	20 & 270 mg/L	0.2*	12.6	12.6	12.6
Total Alkalinity	No Standard		26	26	25
Total Dissolved Solids	500 mg/L		193	115	37
Total Hardness	No Standard		10	7	4
Zinc	5.0 mg/L	0.02	ND	ND	ND

* 20 mg/L is limit recommended by many physicians for people on severely sodium restricted diets.

INORGANIC PRIMARY (HEALTH)	1991 STANDARD OR GUIDELINE	TESTING DETECTION LIMITS mg/L	ACTUAL TEST MAX mg/L	AVG mg/L	MIN mg/L
Arsenic	0.050 mg/L	0.01	ND	ND	ND
Barium	1.00 mg/L	0.05	ND	ND	ND
Cadmium	0.010 mg/L	0.001	ND	ND	ND
Chromium	0.05 mg/L	0.02	0.02	0.02	0.02
Fluoride	2.2 mg/L	0.001	ND	ND	ND
Lead	0.050 mg/L	0.01	ND	ND	ND
Mercury	0.0020 mg/L	0.001	ND	ND	ND
Nitrate	10.0 mg/L	0.10	0.07	0.07	0.06
Selenium	0.010 mg/L	0.01	ND	ND	ND
Silver	0.050 mg/L	0.020	ND	ND	ND

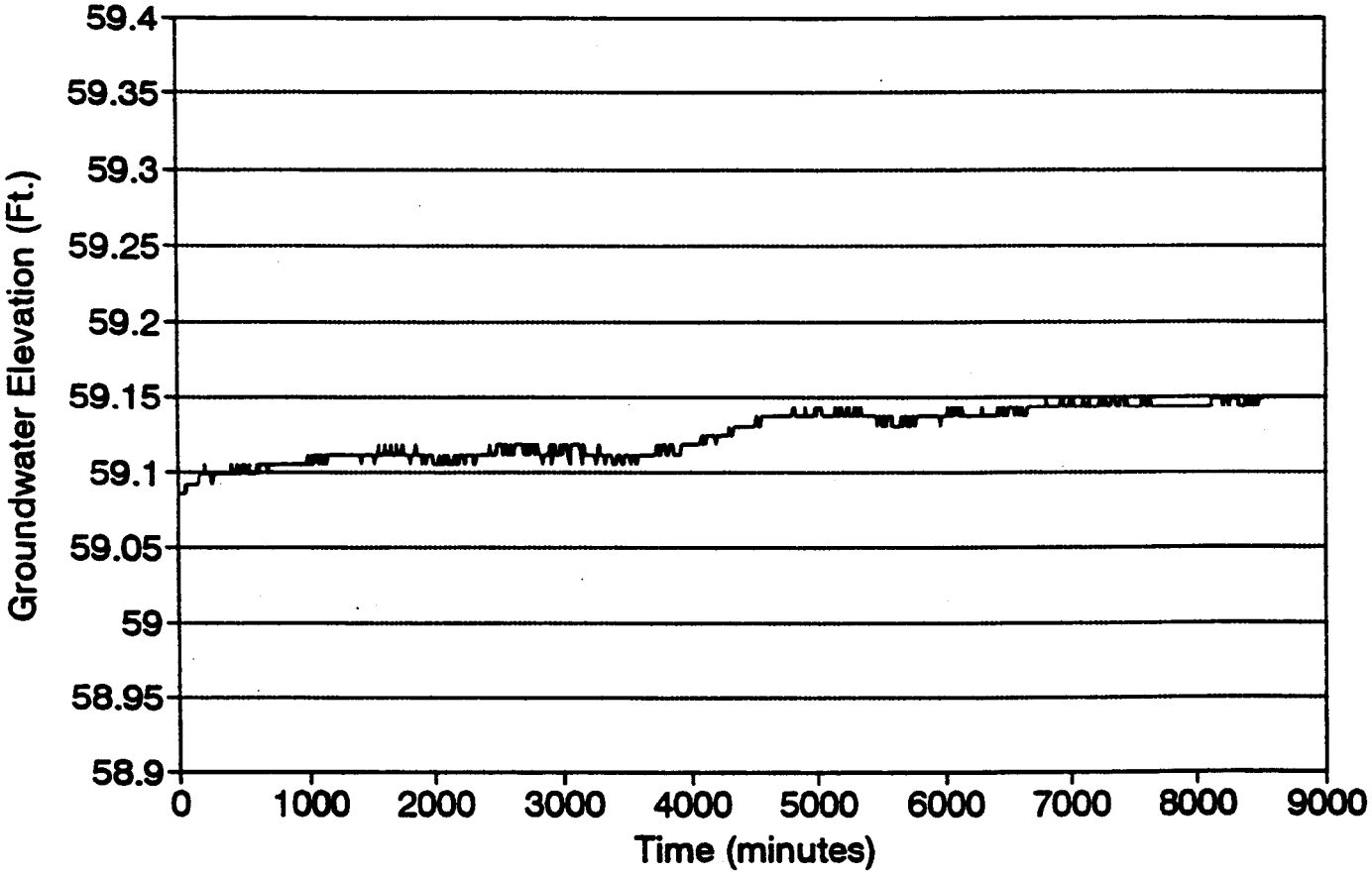
PRIMARY VOLATILE ORGANICS	1991 STANDARD OR GUIDELINE	TESTING DETECTION LIMITS ug/L	ACTUAL TESTS MAX ug/L	AVG ug/L	MIN ug/L
Benzene	5 ug/L	0.5	ND	ND	ND
Carbon tetrachloride	5 ug/L	0.5	ND	ND	ND
p-Dichlorobenzene	5 ug/L	0.5	ND	ND	ND
1,2-Dichloroethane	5 ug/L	0.5	ND	ND	ND
1,1-Dichloroethylene	5 ug/L	0.5	ND	ND	ND
1,1,1-Trichloroethane	5 ug/L	0.5	ND	ND	ND
Trichloroethylene	5 ug/L	0.5	ND	ND	ND
Vinyl chloride	2 ug/L	0.5	ND	ND	ND

OTHER VOLATILE ORGANICS	1991 STANDARD OR GUIDELINE	TESTING DETECTION LIMITS ug/L	ACTUAL TESTS MAX ug/L	AVG ug/L	MIN ug/L
Dichlorodifluoromethane	5 ug/L	0.5	ND	ND	ND
Chloromethane	5 ug/L	0.5	ND	ND	ND
Bromomethane	5 ug/L	0.5	ND	ND	ND
Chloroethane	5 ug/L	0.5	ND	ND	ND
Fluorotrichloromethane	5 ug/L	0.5	ND	ND	ND
Methylene Chloride (Dichloromethane)	5 ug/L	0.5	ND	ND	ND
trans-1,2-Dichloroethylene	5 ug/L	0.5	ND	ND	ND
1,1-Dichloroethane	5 ug/L	0.5	ND	ND	ND
cis-1,2-Dichloroethylene	5 ug/L	0.5	ND	ND	ND
2,2-Dichloropropane	5 ug/L	0.5	ND	ND	ND
Bromochloromethane	5 ug/L	0.5	ND	ND	ND
Chloroform	100 ug/L	0.5	ND	ND	ND
1,1-Dichloropropene	5 ug/L	0.5	ND	ND	ND
1,2-Dichloropropane	5 ug/L	0.5	ND	ND	ND
Dibromomethane	5 ug/L	0.5	ND	ND	ND
Bromodichloromethane	100 ug/L	0.5	ND	ND	ND
trans-1,3-Dichloropropene	5 ug/L	0.5	ND	ND	ND
cis-1,3-Dichloropropene	5 ug/L	0.5	ND	ND	ND
1,1,2-Trichloroethane	5 ug/L	0.5	ND	ND	ND
1,1,2.2 - Tetrachloroethylene	5 ug/L	0.5	ND	ND	ND
1,3-Dichloropropane	5 ug/L	0.5	ND	ND	ND
Chlorodibromomethane	100 ug/L	0.5	ND	ND	ND
Chlorobenzene	5 ug/L	0.5	ND	ND	ND
1,1,1,2-Tetrachloroethane	5 ug/L	0.5	ND	ND	ND
Bromoform	100 ug/L	0.5	ND	ND	ND
Bromobenzene	5 ug/L	0.5	ND	ND	ND
1,1,2,2-Tetrachloroethane	5 ug/L	0.5	ND	ND	ND
1,2,3-Tetrachloroethane	5 ug/L	0.5	ND	ND	ND
o-Chlorotoluene	5 ug/L	0.5	ND	ND	ND
p-Chlorotoluene	5 ug/L	0.5	ND	ND	ND
m-Dichlorobenzene	5 ug/L	0.5	ND	ND	ND
o-Dichlorobenzene	5 ug/L	0.5	ND	ND	ND
1,2,4-Trichlorobenzene	5 ug/L	0.5	ND	ND	ND
Hexachlorobutadiene	5 ug/L	0.5	ND	ND	ND
1,2,3-Trichlorobenzene	5 ug/L	0.5	ND	ND	ND
Toluene	5 ug/L	0.5	ND	ND	ND
Ethylbenzene	5 ug/L	0.5	ND	ND	ND
m-Xylene	5 ug/L	0.5	ND	ND	ND
o-Xylene	5 ug/L	0.5	ND	ND	ND
p-Xylene	5 ug/L	0.5	ND	ND	ND
Styrene	5 ug/L	0.5	ND	ND	ND
Isopropylbenzene (Cumeme)	5 ug/L	0.5	ND	ND	ND
n-Propylbenzene	5 ug/L	0.5	ND	ND	ND
1,3,5-Trimethylbenzene	5 ug/L	0.5	ND	ND	ND
tert. Butylbenzene	5 ug/L	0.5	ND	ND	ND
1,2,4-Trimethylbenzene	5 ug/L	0.5	ND	ND	ND
sec-Butylbenzene	5 ug/L	0.5	ND	ND	ND
p-Isopropyltoluene (p-Cymene)	5 ug/L	0.5	ND	ND	ND
n-Butylbenzene	5 ug/L	0.5	ND	ND	ND
Naphthalene	5 ug/L	5	ND	ND	ND
Ethylene Dibromide	5 ug/L	0.02	ND	ND	ND
Dibromochloropropane	5 ug/L	0.02	ND	ND	ND

- **Groundwater Elevation vs. Time for MW-2S (Graph)**

Long Term Water Level Monitoring

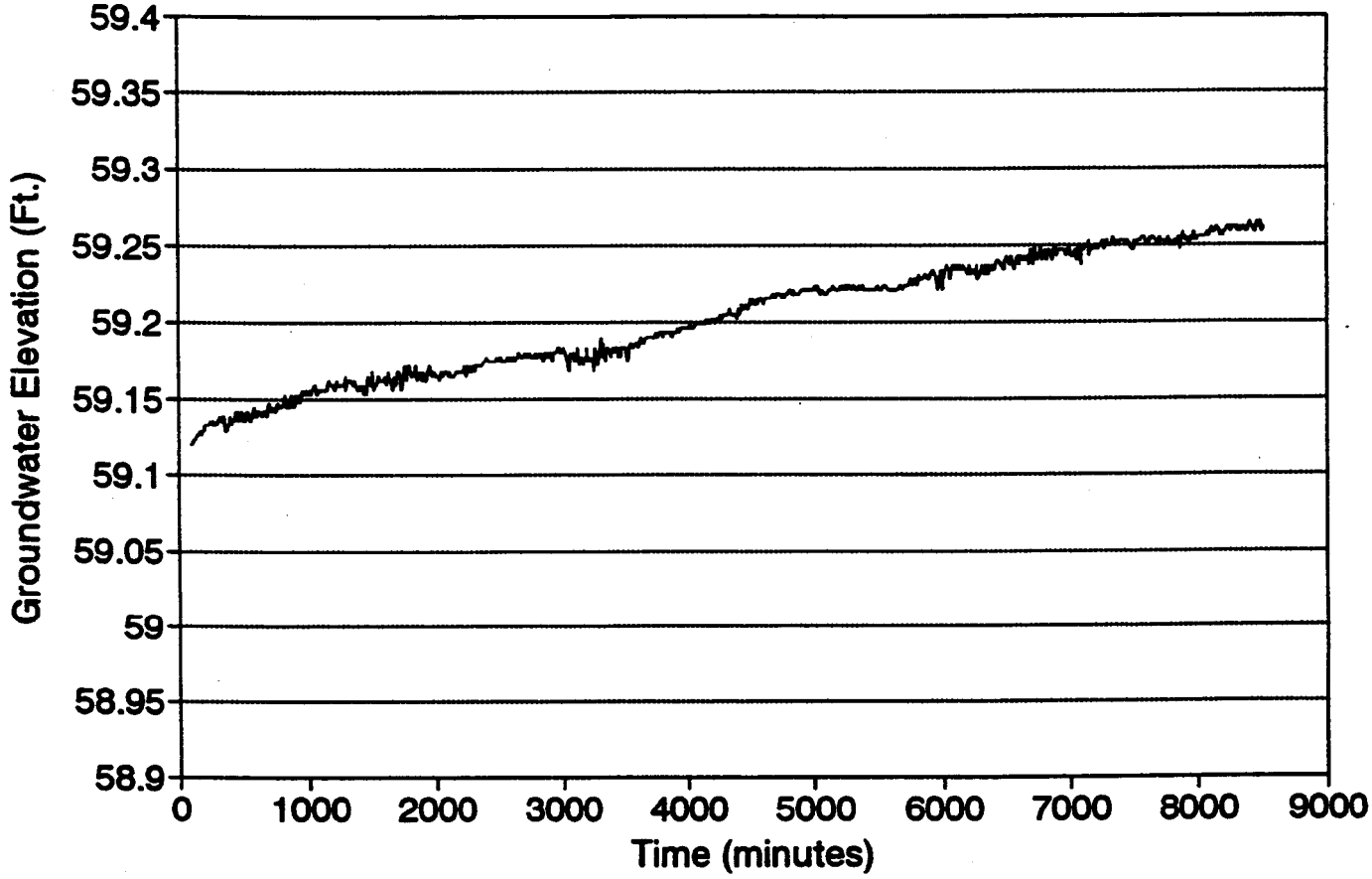
Circuitron Corporation Site MW-2S



- **Groundwater Elevation vs. Time for MW-2D (Graph)**

Long Term Water Level Monitoring

Circuitron Corporation Site MW-2D



- **Slug Test Results**

SLUG TEST ANALYSIS

Circuitron Corporation Site
MW–3S Rising Head Test

Well Specifications

Total well depth:	38.02 feet	Well diameter:	4 inches
Depth to water:	29.2 feet	Borehole diameter:	8 inches
Screen length (Le):	10 feet	Sat. thickness (Lw):	8.82 feet
Aquifer thickness:	45 feet	Sandpack porosity:	
Rc=	0.17 feet	rw=	0.3333 feet

From type curve:

Where Le/rw=	30	A=	2.2
ln(Re/rw)=	1.9286	B=	0.7

Results

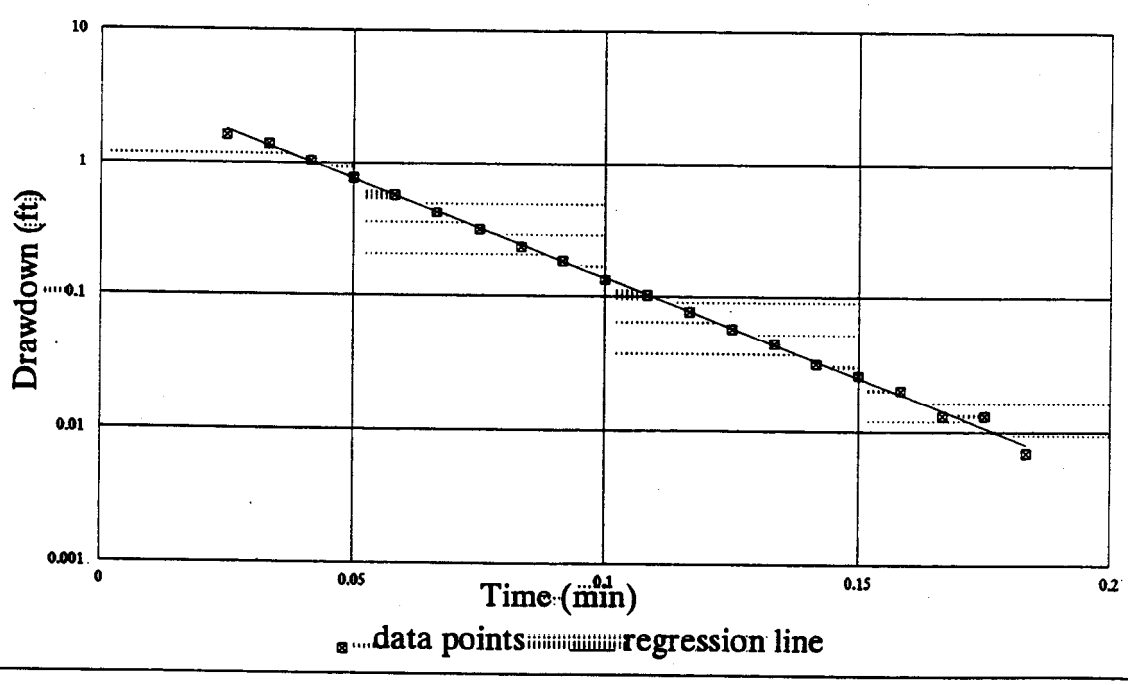
Bouwer and Rice Method

Regression line: r squared = 0.9983

Hydraulic conductivity = 137.07 ft/day

Effective radial distance of slug test = 2.3 feet

Graphical Results



SLUG TEST ANALYSIS

Circuitron Corporation Site
MW-5S Rising Head Test

Well Specifications

Total well depth:	34.44 feet	Well diameter:	4 inches
Depth to water:	27.66 feet	Borehole diameter:	8 inches
Screen length (Le):	10 feet	Sat. thickness (Lw):	6.78 feet
Aquifer thickness:	45 feet	Sandpack porosity:	
Rc=	0.17 feet	rw=	0.3333 feet

From type curve:

Where Le/rw=	30		A=	2.2
	ln(Re/rw)=	1.8211	B=	0.7

Results

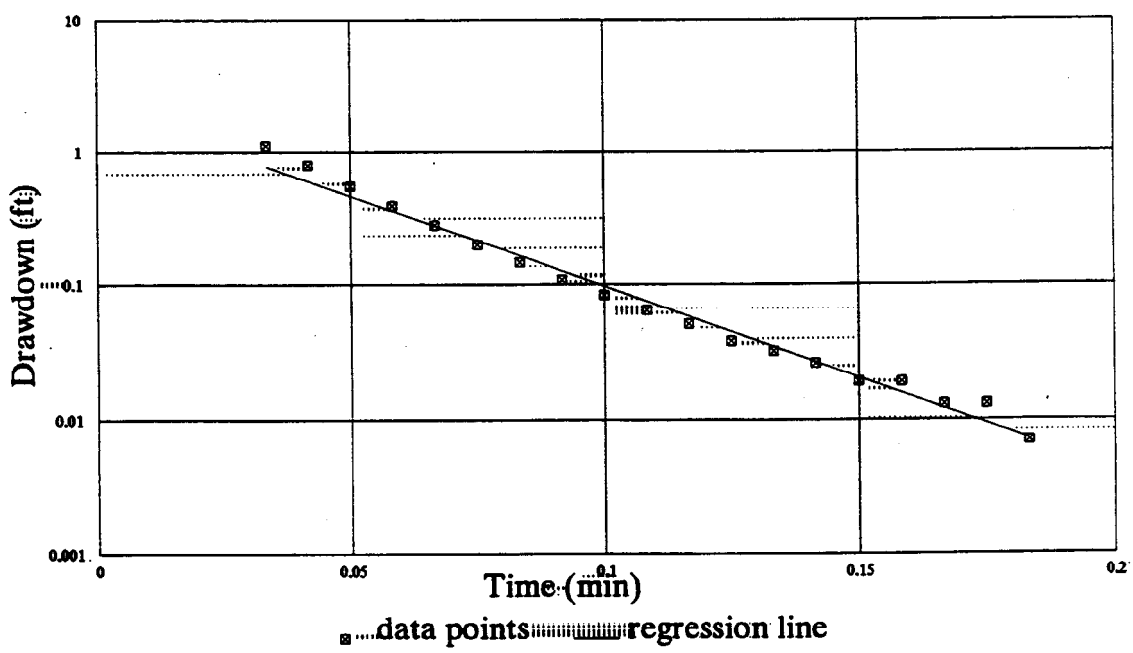
Bouwer and Rice Method

Regression line: r squared = 0.9877

Hydraulic conductivity = 118.22 ft/day

Effective radial distance of slug test = 2.1 feet

Graphical Results



SLUG TEST ANALYSIS

Circuitron Corporation Site
MW-13 Rising Head Test

Well Specifications

Total well depth:	41 feet	Well diameter:	4 inches
Depth to water:	27.06 feet	Borehole diameter:	8 inches
Screen length (Le):	10 feet	Sat. thickness (Lw):	13.94 feet
Aquifer thickness:	45 feet	Sandpack porosity:	
Rc=	0.17 feet	rw=	0.3333 feet

From type curve:

Where Le/rw=	30		A=	2.2
	ln(Re/rw)=	2.1107	B=	0.7

Results

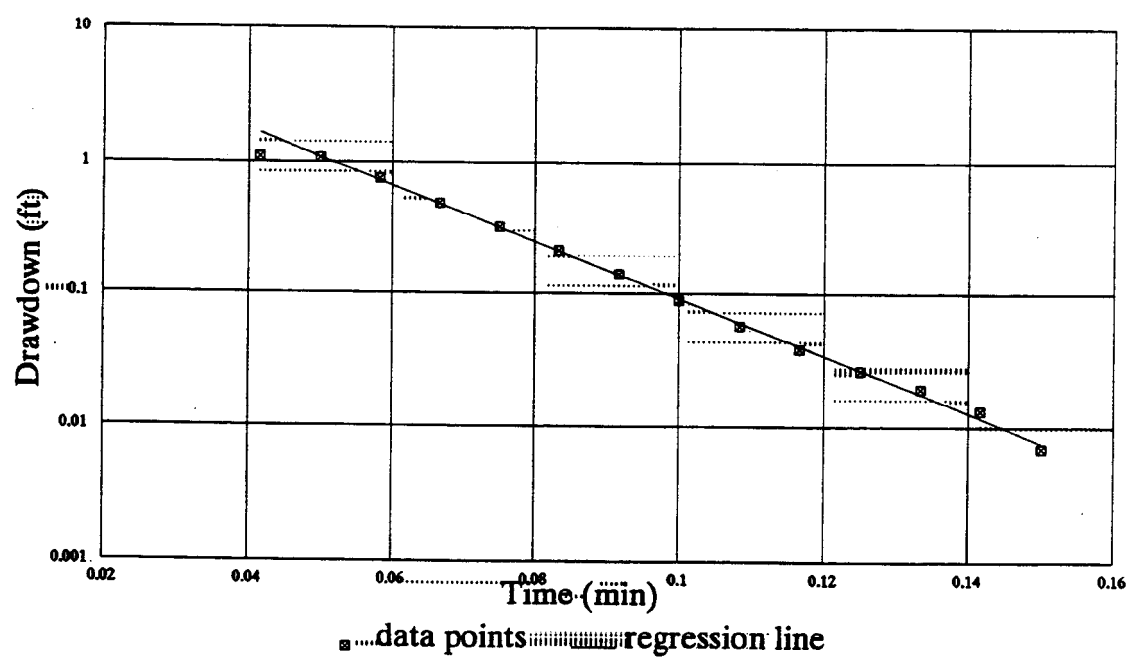
Bouwer and Rice Method

Regression line: r squared = 0.9988

Hydraulic conductivity = 217.59 ft/day

Effective radial distance of slug test = 2.8 feet

Graphical Results



SLUG TEST ANALYSIS

Circuitron Corporation Site
MW-14 Rising Head Test

Well Specifications

Total well depth:	42 feet	Well diameter:	4 inches
Depth to water:	28 feet	Borehole diameter:	8 inches
Screen length (Le):	10 feet	Sat. thickness (Lw):	14 feet
Aquifer thickness:	45 feet	Sandpack porosity:	
Rc=	0.17 feet	rw=	0.3333 feet

From type curve:

Where Le/rw=	30	A=	2.2
ln(Re/rw)=	2.1124	B=	0.7

Results

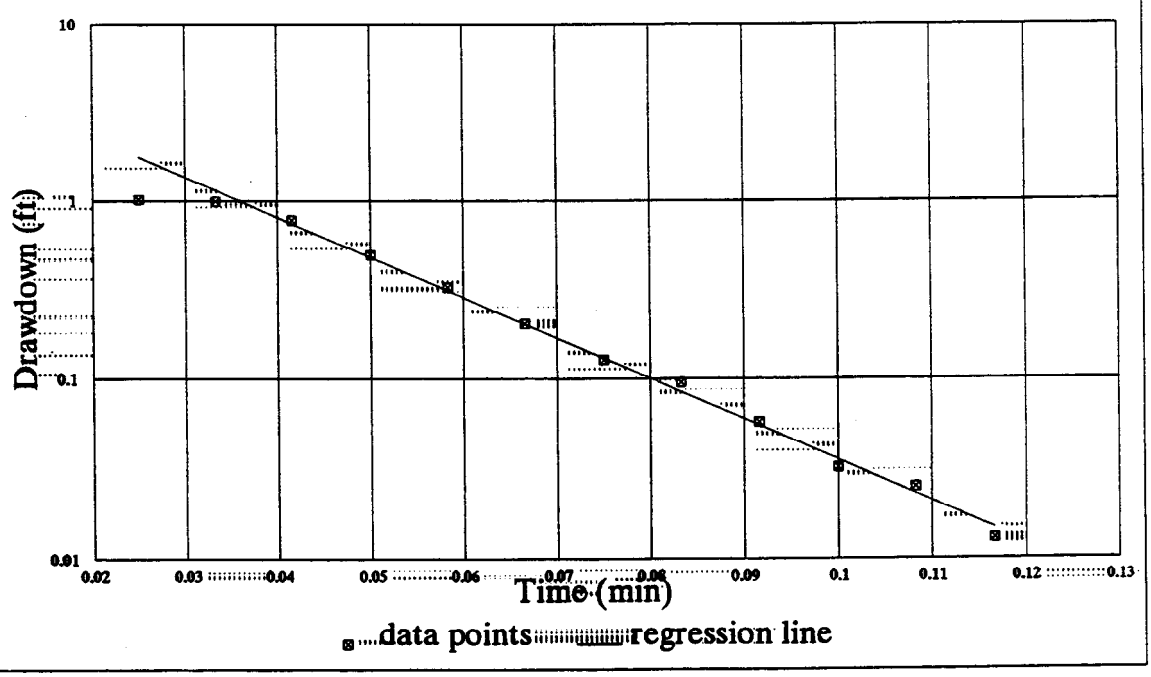
Bouwer and Rice Method

Regression line: r squared = 0.9963

Hydraulic conductivity = 229.31 ft/day

Effective radial distance of slug test = 2.8 feet

Graphical Results



SLUG TEST ANALYSIS

Circuitron Corporation Site
MW-14 Rising Head Test #2

Well Specifications

Total well depth:	42 feet	Well diameter:	4 inches
Depth to water:	28 feet	Borehole diameter:	8 inches
Screen length (Le):	10 feet	Sat. thickness (Lw):	14 feet
Aquifer thickness:	45 feet	Sandpack porosity:	
Rc=	0.17 feet	rw=	0.3333 feet

From type curve:

Where Le/rw=	30		A=	2.2
	ln(Re/rw)=	2.1124	B=	0.7

Results

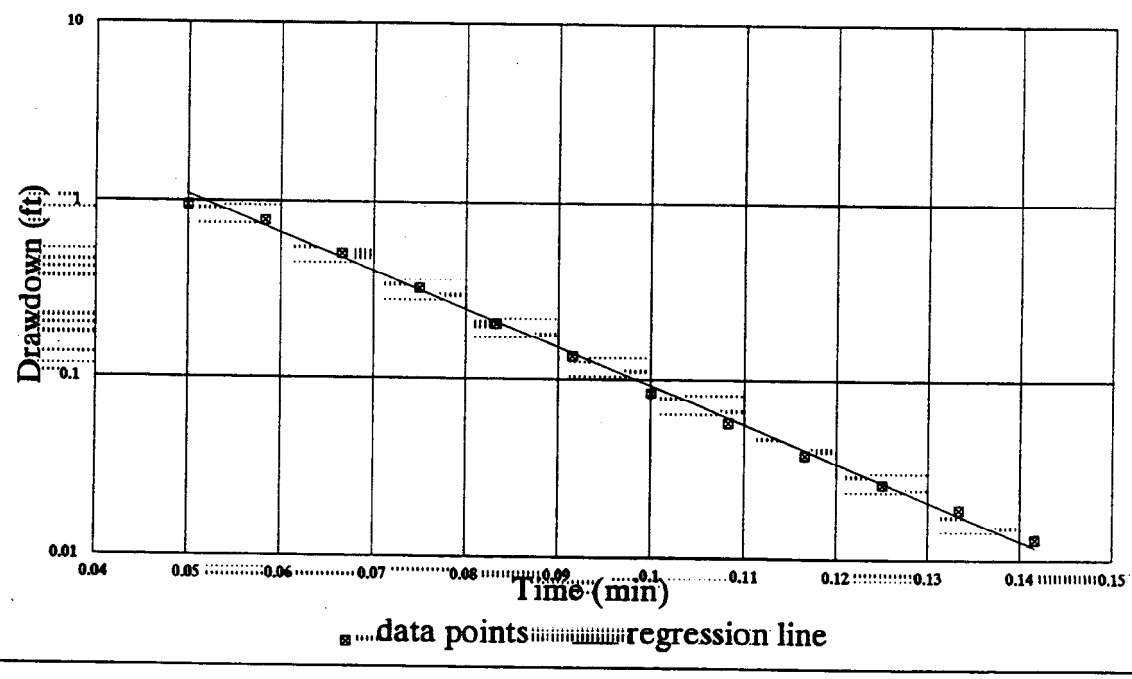
Bouwer and Rice Method

Regression line: r squared = 0.9975

Hydraulic conductivity = 217.43 ft/day

Effective radial distance of slug test = 2.8 feet

Graphical Results



- **Round I Sampling Trip Report**

WESTON

SAMPLING TRIP REPORT

SITE NAME: Circuitron Corporation Site

SAMPLING DATE: May 10 thru May 14, 1993

EPA CASE/SAS NO.: 19954/7571HQ (Organic) & 19956 (Inorganic)

1. SITE LOCATION: East Farmingdale, New York

2. SAMPLE DESCRIPTIONS: See Table 1

3. LABORATORIES RECEIVING SAMPLES:

SAMPLE TYPE	NAME AND ADDRESS OF LABORATORY
Organic	Coast to Coast Analytical Services 2400 Cumberland Drive Valparaiso, IN 46383 (219) 464-2389
Inorganic	Skinner and Sherman 300 Second Avenue Waltham, MA 02254 (617) 890-7200

4. SAMPLE DISPATCH DATA: Nine (9) aqueous samples for Lower Detection Limits (LDL) TCL volatile organic analysis were shipped to Coast to Coast on 5-11-93 at 1700 hours via Federal Express (Airbill No. 4443344846).

   Eight (8) aqueous samples for TAL total metals and seven (7) aqueous samples for TAL dissolved metals analysis were shipped to Skinner and Sherman on 5-11-93 at 1900 hours via Federal Express (Airbill No. 4443344953).

   Fifteen (15) aqueous samples for LDL TCL volatile organic analysis were shipped to Coast to Coast on 5-13-93 at 1900 hours via Federal Express (Airbill No. 4443344894).

   Seven (7) aqueous samples for TAL total metals and seven (7) aqueous samples for TAL dissolved metals analysis were shipped to Skinner and Sherman on 5-13-93 at 1400 hours via Federal Express (Airbill No. 4443344931).

WESTON

Six (6) aqueous samples for TAL total metals and six (6) aqueous samples for TAL dissolved metals analysis were shipped to Skinner and Sherman on 5-13-93 at 1900 hours via Federal Express (Airbill No. 4443344916).

Six (6) aqueous samples for LDL TCL volatile organic analysis were shipped to Coast to Coast on 5-14-93 at 1600 hours via Federal Express (Airbill No. 4443344883).

Five (5) aqueous samples for TAL Total metals and five (5) aqueous samples for TAL dissolved metals analysis were shipped to Skinner and Sherman on 5-14-93 at 1600 hours via Federal Express (Airbill No. 4443344835).

5. SAMPLING PERSONNEL:

Name	Organization	Duties on Site
S. Klepacki	Roy F. Weston of New York, Inc.	Sample Coordinator/ Sampler
D. Koopman	Roy F. Weston of New York, Inc.	Sampler
S. Parmalee	Roy F. Weston of New York, Inc.	Sampler
R. Bozic	Roy F. Weston of New York, Inc.	Sampler
C. Guder	Roy F. Weston of New York, Inc.	Sampler

6. ADDITIONAL COMMENTS: All organic samples will be analyzed for Lower Detection Limits (LDL) TCL Volatiles. All sample preservation was done in the field and pH was checked to ensure correct levels. TAL dissolved metal samples were preserved after filtration. A total of fifty-one samples were shipped to Skinner & Sherman to complete case 19956, and a total of thirty (30) samples were shipped to Coast to Coast Analytical to complete Case/SAS 19954/7571HQ.

7. Report Prepared By: Sandra Klepacki Date: 5-18-93

8. Report Approved By: Jill Hairnson Date: 5-18-93

TABLE 1

SAMPLE DESCRIPTION
CIRCUITRON CORPORATION SITE
EAST FARMINGDALE, NEW YORK

CASE / SAS NO. 19954/7571HQ (ORGANIC) & 19956 (INORGANIC)

	Traffic Report Nos.						
Sample Number	Organic (LDL VOA)	Inorganic (TAL Metals)	Inorganic (Diss. Metals)	Date Collected	Time Collected	Sample Type	Sample Location
MW-2S	7571HQ-03	MBMG66	MBMG87	5-11-93	1500	Aqueous	MW-2S (MS/MD)
MW-2D	7571HQ-04	MBMG67	MBMG88	5-10-93	1800	Aqueous	MW-2D
MW-4S	7571HQ-07	MBMG70	MBMG91	5-11-93	1200	Aqueous	MW-4S
MW-4D	7571HQ-08	MBMG71	MBMG92	5-11-93	1230	Aqueous	MW-4D
FB-051193-01	7571HQ-22	MBJM61	—	5-11-93	1145	Aqueous	Field blank-submersible pump
FB-051193-03	7571HQ-24	MBJM63	—	5-11-93	1130	Aqueous	Field blank-bailor
TB-051193	7571HQ-31	—	—	5-11-93	—	Aqueous	Trip blank
MW-3S	7571HQ-05	MBMG68	MBMG89	5-11-93	1700	Aqueous	MW-3S
FB-051193-02	—	—	MBJM62	5-11-93	0945	Aqueous	Field blank-Filter for diss. metals
MW-2S - DUP	7571HQ-35	MBJM57	MBJM58	5-11-93	1500	Aqueous	MW-2S
MW-5S	7571HQ-09	MBMG72	MBMG93	5-12-93	1300	Aqueous	MW-5S
MW-5D	7571HQ-10	MBMG73	MBMG94	5-12-93	1200	Aqueous	MW-5D
MW-3D	7571HQ-06	MBMG69	MBMG90	5-12-93	1400	Aqueous	MW-3D
MW-1S	7571HQ-01	MBMG64	MBMG85	5-12-93	1745	Aqueous	MW-1S
TB-051293	7571HQ-32	—	—	5-12-93	—	Aqueous	Trip blank
FB-051293-01	7571HQ-25	MBJM64	—	5-12-93	1130	Aqueous	Field blank-sub. pump.
MW-9	7571HQ-16	MBMG79	MBJM51	5-12-93	1600	Aqueous	MW-9
MW-8	7571HQ-15	MBMG78	MBJM50	5-12-93	1630	Aqueous	MW-8
FB-051293-02	—	—	MBJM65	5-12-93	1230	Aqueous	Field blank-filter
MW-6S	7571HQ-11	MBMG74	MBMG95	5-13-93	1200	Aqueous	MW-6S
TB-051393	7571HQ-33	—	—	5-13-93	—	Aqueous	Trip blank
MW-10	7571HQ-17	MBMG80	MBJM52	5-13-93	1450	Aqueous	MW-10

	Traffic Report Nos.						
Sample Number	Organic (LDL VOA)	Inorganic (TAL Metals)	Inorganic (Diss. Metals)	Date Collected	Time Collected	Sample Type	Sample Location
MW-11	7571HQ-18	MBMG81	MBJM53	5-13-93	1500	Aqueous	MW-11
MW-12	7571HQ-19	MBMG82	MBJM54	5-13-93	1555	Aqueous	MW-12
FB-051393-01	7571HQ-27	MBJM66	----	5-13-93	1700	Aqueous	Field blank sub. pump.
MW-1D	7571HQ-02	MBMG65	MBMG86	5-13-93	1800	Aqueous	MW-1D
FB-051393-02	----	----	MBMG67	5-14-93	1620	Aqueous	Field blank-filter
MW-6D	7571HQ-12	MBMG75	MBMG96	5-14-93	0845	Aqueous	MW-6D
MW-7S	7571HQ-13	MBMG76	MBMG97	5-14-93	1310	Aqueous	MW-7S
MW-7D	7571HQ-14	MBMG77	MBMG98	5-14-93	1115	Aqueous	MW-7D
PW-2	7571HQ-21	MBMG84	MBJM56	5-14-93	1100	Aqueous	House of plastic
FB-051493-01	7571HQ-29	MBJM68	----	5-14-93	0945	Aqueous	Field blank sub. pump.
TB-051493	7571HQ-34	—	—	5-14-93	----	Aqueous	Trip blank
FB-051493-02	----	----	MBJM69	5-14-93	0915	Aqueous	Field blank filter

- **Round I Analytical Data, May 10 - 14, 1993**
  Volatile Organic Compounds

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-01

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-1 Date Received: 05/14/93

Lab File ID: G0543 Date Analyzed: 05/22/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1.	U J
74-83-9	Bromomethane	1.	U J
75-01-4	Vinyl chloride	1.	U J
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	2.	U R
67-64-1	Acetone	5.	U R
75-15-0	Carbon disulfide	1.	U J
75-35-4	1,1-Dichloroethene	1.	U J
75-34-3	1,1-Dichloroethane	0.8	J
156-59-4	cis-1,2-Dichloroethene	1.	U J
156-60-5	trans-1,2-Dichloroethene	1.	U J
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone	5.	U R
74-97-5	Bromochloromethane	1.	U J
71-55-6	1,1,1-Trichloroethane	3.	
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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 R
127-18-4	Tetrachloroethene	1.	U J
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	0.6	J
100-41-4	Ethylbenzene	1.	U J
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-01

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-1 Date Received: 05/14/93

Lab File ID: G0543 Date Analyzed: 05/22/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	Unknown	2.23	66.	~~EJ~~
2. 1634-04-4	2-Methoxy -2 Methylpropane	3.36	3.	JN
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For this example
Total TICs = 2
Total TIC Conc = 69 JN
all quals. shown

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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-02

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-2 Date Received: 05/14/93

Lab File ID: G0544 Date Analyzed: 05/22/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (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	31.	E
75-34-3	1,1-Dichloroethane	4.	
156-59-4	cis-1,2-Dichloroethene	4.	
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	3.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone	5.	U
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	84.	E
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	76.	E
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	38.	E
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-02

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-2 Date Received: 05/14/93

Lab File ID: G0544 Date Analyzed: 05/22/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	1634-04-4	2-Methoxy -2 Methylpropane	3.39	3.	JN
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-03

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-1 Date Received: 05/12/93

Lab File ID: G0513 Date Analyzed: 05/21/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1.	U UJ
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U UJ
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	~~1~~.2	J UJ
67-64-1	Acetone	5.	~~U~~R
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-4	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-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~~R
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	2.	
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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~~R
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-03

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-1 Date Received: 05/12/93

Lab File ID: G0513 Date Analyzed: 05/21/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-04

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-2 Date Received: 05/12/93

Lab File ID: G0514 Date Analyzed: 05/21/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1.	U J
74-83-9	Bromomethane	1.	U J
75-01-4	Vinyl chloride	1.	U J
75-00-3	Chloroethane	1.	U J
75-09-2	Methylene chloride	2.	~~3~~ U J
67-64-1	Acetone	5.	~~5~~ R
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	6.	
75-34-3	1,1-Dichloroethane	1.	
156-59-4	cis-1,2-Dichloroethene	2.	
156-60-5	trans-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.	~~5~~ R
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	25.	
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	5.	
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.	~~5~~ R
127-18-4	Tetrachloroethene	6.	
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U J
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-04

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-2 Date Received: 05/12/93

Lab File ID: G0514 Date Analyzed: 05/21/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-05

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-3 Date Received: 05/12/93

Lab File ID: G0515 Date Analyzed: 05/22/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (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	4.2	J U
67-64-1	Acetone	5.	~~U~~ R
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	0.6	J
156-59-4	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-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~~ R
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	3.	
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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~~ R
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-05

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-3 Date Received: 05/12/93

Lab File ID: G0515 Date Analyzed: 05/22/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-06

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-3 Date Received: 05/14/93

Lab File ID: G0545 Date Analyzed: 05/22/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1.	U J
74-83-9	Bromomethane	1.	U J
75-01-4	Vinyl chloride	1.	U
75-00-3	Chloroethane	1.	U J
75-09-2	Methylene chloride	2.	~~U~~ R
67-64-1	Acetone	5.	~~U~~ R
75-15-0	Carbon disulfide	1.	U J
75-35-4	1,1-Dichloroethene	6.	J
75-34-3	1,1-Dichloroethane	0.9	J
156-59-4	cis-1,2-Dichloroethene	0.9	J
156-60-5	trans-1,2-Dichloroethene	1.	U J
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone	5.	~~U~~ R
74-97-5	Bromochloromethane	1.	U J
71-55-6	1,1,1-Trichloroethane	35	E J
56-23-5	Carbon tetrachloride	1.	U J
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	4.	
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~~ R
127-18-4	Tetrachloroethene	10.	J
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

RESUBMITTAL

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-06

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-C135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-3

Date Received: 05/14/93

Lab File ID: G0545

Date Analyzed: 05/22/93

Purge Volume: 25 (mL)

Dilution Factor: 1

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-07

mw-43

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-4 Date Received: 05/12/93

Lab File ID: G0516 Date Analyzed: 05/22/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1.	U J
74-83-9	Bromomethane	1.	U J
75-01-4	Vinyl chloride	1.	U J
75-00-3	Chloroethane	2.	J
75-09-2	Methylene chloride	2.	U J
67-64-1	Acetone	5.	~~U~~ R
75-15-0	Carbon disulfide	1.	U J
75-35-4	1,1-Dichloroethene	66.	~~E~~ J
75-34-3	1,1-Dichloroethane	~~20.~~ 42	~~E~~ X1
156-59-4	cis-1,2-Dichloroethene	2.	J
156-60-5	trans-1,2-Dichloroethene	1.	U J
67-66-3	Chloroform	~~0.7~~ 1	~~J~~ X1 J
107-06-2	1,2-Dichloroethane	1.	U J
78-93-3	2-Butanone	5.	~~U~~ R
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	~~240.~~ 5400	~~E~~ X1 J
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	3.	
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	3.	
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~~ R
127-18-4	Tetrachloroethene	21.	J
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U J
108-88-3	Toluene	0.7	J
108-90-7	Chlorobenzene	0.6	J
100-41-4	Ethylbenzene	1.	U J
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

X1 = 1:50 dilution

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-07

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-4 Date Received: 05/12/93

Lab File ID: G0516 Date Analyzed: 05/22/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	Unknown	2.31	250.	J
2.				
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FORM I LCV-TIC 10/92

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-08RE

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-5 Date Received: 05/12/93

Lab File ID: G0541 Date Analyzed: 05/22/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (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.	UR
67-64-1	Acetone	5.	UR
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	~~45.~~ 14	EX1
75-34-3	1,1-Dichloroethane	2.	
156-59-4	cis-1,2-Dichloroethene	5.	
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	2.	U
107-06-2	1,2-Dichloroethane	1.	
78-93-3	2-Butanone	5.	UR
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	~~99.~~ 14D	EX
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	22.	
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	
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.	UR
127-18-4	Tetrachloroethene	~~66.~~ 63	EX1
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

X1 = 1:5 dilution

FORM 1 LCV

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-08RE

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-5 Date Received: 05/12/93

Lab File ID: G0541 Date Analyzed: 05/22/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.					
2.					
3.					
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FORM I LCV-TIC 10/92

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-09

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-4 Date Received: 05/14/93

Lab File ID: G0569 Date Analyzed: 05/24/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1.	U J
74-83-9	Bromomethane	1.	U J
75-01-4	Vinyl chloride	1.	U J
75-00-3	Chloroethane	1.	U J
75-09-2	Methylene chloride	2.	U J
67-64-1	Acetone	5.	~~U~~ R
75-15-0	Carbon disulfide	1.	U J
75-35-4	1,1-Dichloroethene	1.	U J
75-34-3	1,1-Dichloroethane	0.5	J
156-59-4	cis-1,2-Dichloroethene	1.	U J
156-60-5	trans-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~~ R
74-97-5	Bromochloromethane	1.	U J
71-55-6	1,1,1-Trichloroethane	6.	
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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~~ R
127-18-4	Tetrachloroethene	1.	U J
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-09

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-4 Date Received: 05/12/93

Lab File ID: G0569 Date Analyzed: 05/24/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	76-13-1	1,1,2-Trichloro-1,2,2-Trifluor	2.50	4.	JN
2.					
3.					
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1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-10~~RE~~

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-5 Date Received: 05/14/93

Lab File ID: G0586 Date Analyzed: 05/26/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1.	U J
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U J
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	2.	U J
67-64-1	Acetone	6.	J
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	9.	
75-34-3	1,1-Dichloroethane	1.	
156-59-4	cis-1,2-Dichloroethene	1.	
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	~~0.6~~ 1	~~J~~ U J
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone	5.	~~U~~ K
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	~~.02~~ .28	~~E~~
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	4.	
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~~ K
591-78-6	2-Hexanone	5.	~~U~~ K
127-18-4	Tetrachloroethene	7.	J
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

X = 1:5 dilution

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-10~~BE~~

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-5 Date Received: 05/14/93

Lab File ID: G0586 Date Analyzed: 05/26/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.					
2.					
3.					
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1LCA
LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-11

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-6 Date Received: 05/14/93

Lab File ID: G0571 Date Analyzed: 05/24/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (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	8.	
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	3.	
75-34-3	1,1-Dichloroethane	10.	
156-59-4	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-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 R
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	40.	X
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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 R
127-18-4	Tetrachloroethene	0.7	
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

X = 1:5 dilution

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-11

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-6 Date Received: 05/12/93

Lab File ID: G0571 Date Analyzed: 05/24/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.		Unknown	2.32	5.	J
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1LCA
LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-15RE

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-7 Date Received: 05/14/93

Lab File ID: G0590 Date Analyzed: 05/26/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1.	U J
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U J
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	2.	U J
67-64-1	Acetone	5.	U R
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	
156-59-4	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-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 R
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	3.	
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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 R
108-10-1	4-Methyl-2-pentanone	5.	U R
591-78-6	2-Hexanone	5.	U R
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U J
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U R
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-15RE

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-7 Date Received: 05/14/93

Lab File ID: G0590 Date Analyzed: 05/26/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.		Unknown	6.20	55.	EJ
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1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-16

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-8 Date Received: 05/14/93

Lab File ID: G0573 Date Analyzed: 05/24/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1.	U J
74-83-9	Bromomethane	1.	U J
75-01-4	Vinyl chloride	1.	U J
75-00-3	Chloroethane	1.	U J
75-09-2	Methylene chloride	2.	U J
67-64-1	Acetone	5.	UR
75-15-0	Carbon disulfide	1.	U J
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	
156-59-4	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-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.	UR
74-97-5	Bromochloromethane	1.	U J
71-55-6	1,1,1-Trichloroethane	5.	
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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.	UR
127-18-4	Tetrachloroethene	1.	U J
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-16

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-8 Date Received: 05/14/93

Lab File ID: G0573 Date Analyzed: 05/24/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.		Unknown	2.30	71.	JE
2.					
3.					
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1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-17

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-9 Date Received: 05/14/93

Lab File ID: G0574 Date Analyzed: 05/24/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (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	0.5	J
156-59-4	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-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
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	3.	
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-17

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-9 Date Received: 05/14/93

Lab File ID: G0574 Date Analyzed: 05/24/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	76-13-1	1,1,2-Trichloro-1,2,2-Trifluor	2.47	4.	JN
2.					
3.					
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-18

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-10 Date Received: 05/14/93

Lab File ID: G0575 Date Analyzed: 05/24/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1.	U J
74-83-9	Bromomethane	1.	U J
75-01-4	Vinyl chloride	1.	U J
75-00-3	Chloroethane	1.	U J
75-09-2	Methylene chloride	2.	U
67-64-1	Acetone	5.	~~U~~ R
75-15-0	Carbon disulfide	1.	U J
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-4	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-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~~ R
74-97-5	Bromochloromethane	1.	U J
71-55-6	1,1,1-Trichloroethane	5.	
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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~~ R
127-18-4	Tetrachloroethene	1.	U J
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-18

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-10 Date Received: 05/14/93

Lab File ID: G0575 Date Analyzed: 05/24/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	76-13-1	1,1,2-Trichloro-1,2,2-Trifluor	2.45	4.	J N
2.					
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-19

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-11 Date Received: 05/14/93

Lab File ID: G0592 Date Analyzed: 05/26/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (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	18.	
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	2.	
75-34-3	1,1-Dichloroethane	1.	
156-59-4	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone	6.	
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	~~36~~ 50	
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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	5.	
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

X = 1:5 dilution

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-19

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3914-11 Date Received: 05/14/93

Lab File ID: G0592 Date Analyzed: 05/26/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.					
2.					
3.					
4.					
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1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-22

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-6 Date Received: 05/12/93

Lab File ID: G0518 Date Analyzed: 05/22/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (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	1.	J
67-64-1	Acetone	5.	UR
75-15-0	Carbon disulfide	1.	
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-4	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	4.	
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone	5.	UR
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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.	UR
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-22

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-6 Date Received: 05/12/93

Lab File ID: G0518 Date Analyzed: 05/22/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.					
2.					
3.					
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-24

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-7 Date Received: 05/12/93

Lab File ID: G0538 Date Analyzed: 05/22/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (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.	B
67-64-1	Acetone	5.	J
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-4	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	4.	
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone	5.	B
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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.	B
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-24RE

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-7 Date Received: 05/12/93

Lab File ID: G0538 Date Analyzed: 05/22/93

Purge Volume: 25 (mL) Dilution Factor: 1

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-31 ~~TB5~~

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-8 Date Received: 05/12/93

Lab File ID: G0520 Date Analyzed: 05/22/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1.	U J
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	~~4.~~ 1	UJ
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	~~2.~~ 4	~~U~~ J
67-64-1	Acetone	5.	~~U~~ R
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-4	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone	5.	~~U~~ R
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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~~ R
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U J
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-31

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-8 Date Received: 05/12/93

Lab File ID: G0520 Date Analyzed: 05/22/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
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1LCA
LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-35

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-9 Date Received: 05/12/93

Lab File ID: G0521 Date Analyzed: 05/22/93

Purge Volume: 25 (mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1.	U J
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U J
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	~~1.~~ 2	~~U~~ UJ
67-64-1	Acetone	5.	~~U~~ R
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-4	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-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~~ R
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	2.	
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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~~ R
127-18-4	Tetrachloroethene	1.	U J
79-34-5	1,1,2,2-Tetrachloroethane	1.	U J
106-93-4	1,2-Dibromoethane	1.	U J
108-88-3	Toluene	1.	U J
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-35

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-01

Lab Sample ID: VE3833-9 Date Received: 05/12/93

Lab File ID: G0521 Date Analyzed: 05/22/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
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TCL VOA CASE NARRATIVE

RAS Case#: 19954

SAS Number: 7571-HQ

SDG Number: 7571HQ-12

Samples Received: 10

Analysis method: Superfund Analytical Methods For Low Concentration Water For Organics Analysis (10/92).

Method Deviations: None.

Sample Comments: Samples 7571HQ-12,and 7571HQ-14 required dilutions due to high levels of target analytes.

EPA Traceability Standard Source: All standards utilized were supplied by Restek corporation, under their Data-Pack program.

Problems: None.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. In addition, I certify, that to the best of my knowledge and belief, the data as reported are true and accurate. Release of the data contained in this data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Dan W. Johnson

David W. Johnson
Organic Section Manager

6/3/93

1LCA
LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-12

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE4005-1 Date Received: 05/15/93

Lab File ID: G0598 / Date Analyzed: 05/26/93

Purge Volume: 25(mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (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	4.	
75-15-0	Carbon disulfide	1.	
75-35-4	1,1-Dichloroethene	22.	
75-34-3	1,1-Dichloroethane	2.	
156-59-4	cis-1,2-Dichloroethene	6.	
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	12.	
107-06-2	1,2-Dichloroethane	1.	
78-93-3	2-Butanone	5.	U
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	~~61.~~	X E
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	19.	
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	~~31 40.~~	X E
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

X = from 1:5 dilution

SUPERSEDED

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-12

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE4005-1 Date Received: 05/15/93

Lab File ID: G0598 Date Analyzed: 05/26/93

Purge Volume: 25(mL) Dilution Factor: 1

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
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RESUBMITTAL

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-12

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE4005-1 Date Received: 05/15/93

Lab File ID: G0598 Date Analyzed: 05/26/93

Purge Volume: 25(mL) Dilution Factor: 1

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	1634-04-4	2-Methoxy-2-methylpropane	2.38	5.	JN
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-13RE

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE4005-2 Date Received: 05/15/93

Lab File ID: G0614 Date Analyzed: 05/27/93

Purge Volume: 25(mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (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	3.	
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-4	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-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.	R
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	1.	
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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.	R
591-78-6	2-Hexanone	5.	R
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-13RE

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE4005-2 Date Received: 05/15/93

Lab File ID: G0614 Date Analyzed: 05/27/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-14

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE4005-3 Date Received: 05/15/93

Lab File ID: G0600 Date Analyzed: 05/26/93

Purge Volume: 25(mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1.	U J
74-83-9	Bromomethane	1.	U J
75-01-4	Vinyl chloride	1.	U J
75-00-3	Chloroethane	1.	U J
75-09-2	Methylene chloride	2.	U J
67-64-1	Acetone	3.	~~U~~ J
75-15-0	Carbon disulfide	1.	U J
75-35-4	1,1-Dichloroethene	14.	
75-34-3	1,1-Dichloroethane	2.	
156-59-4	cis-1,2-Dichloroethene	1.	
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	~~0.7~~ 1	~~J~~ U J
107-06-2	1,2-Dichloroethane	1.	U J
78-93-3	2-Butanone	5.	~~U~~ R
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	~~40.~~ 54	~~E~~ X
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	10.	
124-48-1	Dibromochloromethane	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U J
71-43-2	Benzene	1.	U J
10061-02-6	trans-1,3-Dichloropropene	1.	U
75-25-2	Bromoform	1.	U
108-10-1	4-Methyl-2-pentanone	5.	~~U~~ R
591-78-6	2-Hexanone	5.	~~U~~ R
127-18-4	Tetrachloroethene	~~27.~~ 30	~~E~~ X J
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

X = from 105 dilution

10/92

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-14

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE4005-3 Date Received: 05/15/93

Lab File ID: G0600 Date Analyzed: 05/26/93

Purge Volume: 25(mL) Dilution Factor: 1

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-21~~RE~~

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE4005-4 Date Received: 05/15/93

Lab File ID: G0616 Date Analyzed: 05/27/93

Purge Volume: 25(mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1.	U J
74-83-9	Bromomethane	1.	U J
75-01-4	Vinyl chloride	1.	U J
75-00-3	Chloroethane	1.	U J
75-09-2	Methylene chloride	2.	U J
67-64-1	Acetone	~~5~~ 4	~~U~~ J
75-15-0	Carbon disulfide	1.	U J
75-35-4	1,1-Dichloroethene	~~3~~ 2	
75-34-3	1,1-Dichloroethane	1.	U
156-59-4	cis-1,2-Dichloroethene	11.	
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
107-06-2	1,2-Dichloroethane	2.	
78-93-3	2-Butanone	5.	~~U~~ R
74-97-5	Bromochloromethane	1.	U J
71-55-6	1,1,1-Trichloroethane	~~9~~ 11	
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	1.	U
78-87-5	1,2-Dichloropropane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
79-01-6	Trichloroethene	~~19~~ 21	
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 R
591-78-6	2-Hexanone	5.	U R
127-18-4	Tetrachloroethene	~~2~~ 7	J
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-21~~RE~~

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE4005-4 Date Received: 05/15/93

Lab File ID: G0616 Date Analyzed: 05/27/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	76-13-1	1,1,2-Trichloro-1,2,2-Trifluor	2.48	10.	J
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-25

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE3914-12 Date Received: 05/14/93

Lab File ID: G0593 Date Analyzed: 05/26/93

Purge Volume: 25(mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (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	3.	
67-64-1	Acetone	5.	~~U~~ R
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-4	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone	5.	~~U~~ R
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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~~ R
591-78-6	2-Hexanone	5.	~~U~~ R
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-25

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE3914-12 Date Received: 05/14/93

Lab File ID: G0593 Date Analyzed: 05/26/93

Purge Volume: 25(mL) Dilution Factor: 1

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-27 5/3 FB

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE3914-13 Date Received: 05/14/93

Lab File ID: G0594 Date Analyzed: 05/26/93

Purge Volume: 25(mL) Dilution Factor: 1

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

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-27

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE3914-13 Date Received: 05/14/93

Lab File ID: G0594 Date Analyzed: 05/26/93

Purge Volume: 25(mL) Dilution Factor: 1

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-29 S/+ FB

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE4005-5 Date Received: 05/15/93

Lab File ID: G0602 Date Analyzed: 05/26/93

Purge Volume: 25(mL) Dilution Factor: 1

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

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-29

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE4005-5 Date Received: 05/15/93

Lab File ID: G0602 Date Analyzed: 05/26/93

Purge Volume: 25(mL) Dilution Factor: 1

Number TICs found: 1

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	124-19-6	Nonanal	17.59	3.	JN
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-32
5/12 JB

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE3914-14 Date Received: 05/14/93

Lab File ID: G0595 Date Analyzed: 05/26/93

Purge Volume: 25(mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1.	U J
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U J
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	3.	J
67-64-1	Acetone	5.	~~U~~ R
75-15-0	Carbon disulfide	1.	U J
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-4	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone	5.	~~U~~ R
74-97-5	Bromochloromethane	1.	U J
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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 J
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~~ R
591-78-6	2-Hexanone	5.	~~U~~ R
127-18-4	Tetrachloroethene	1.	U J
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-32

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS.No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE3914-14 Date Received: 05/14/93

Lab File ID: G0595 Date Analyzed: 05/26/93

Purge Volume: 25(mL) Dilution Factor: 1

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-33 5/3 TD

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE3914-15 Date Received: 05/14/93

Lab File ID: G0596 Date Analyzed: 05/26/93

Purge Volume: 25(mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (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	3.	J
67-64-1	Acetone	5.	~~U~~ R
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-4	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone	5.	~~U~~ R
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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~~ R
591-78-6	2-Hexanone	5.	~~U~~ R
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-33

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE3914-15 Date Received: 05/14/93

Lab File ID: G0596 Date Analyzed: 05/26/93

Purge Volume: 25(mL) Dilution Factor: 1

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
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LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7571HQ-34

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE4005-6 Date Received: 05/15/93

Lab File ID: G0617 Date Analyzed: 05/27/93

Purge Volume: 25(mL) Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1.	U J
74-83-9	Bromomethane	1.	U
75-01-4	Vinyl chloride	1.	U J
75-00-3	Chloroethane	1.	U
75-09-2	Methylene chloride	3.	J
67-64-1	Acetone	5.	10 R
75-15-0	Carbon disulfide	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
156-59-4	cis-1,2-Dichloroethene	1.	U
156-60-5	trans-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	
107-06-2	1,2-Dichloroethane	1.	U
78-93-3	2-Butanone	5.	10 R
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon tetrachloride	1.	U
75-27-4	Bromodichloromethane	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.	10 R
591-78-6	2-Hexanone	5.	10 R
127-18-4	Tetrachloroethene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
108-88-3	Toluene	1.	U
108-90-7	Chlorobenzene	1.	U
100-41-4	Ethylbenzene	1.	U
100-42-5	Styrene	1.	U
1330-20-7	Xylenes (total)	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7571HQ-34

Lab Name: COAST-TO-COAST AN. SVCS. Contract: COAST-0135

Lab Code: COAST Case No.: 19954 SAS No.: 7571-HQ SDG No.: 7571HQ-12

Lab Sample ID: VE4005-6 Date Received: 05/15/93

Lab File ID: G0617 Date Analyzed: 05/27/93

Purge Volume: 25 (ml) Dilution Factor: 1

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
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- **Round I Analytical Data, May 10 - 14, 1993**
  Inorganic Compounds

U.S. EPA - CLP

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM56

SOW No.: ILM02.1

EPA Sample No.	Lab Sample ID.
MBJM56	05152-01S
MBJM56D	05152-01S2
MBJM69	05152-02S
MBMG96	05152-03S
MBMG96S	05152-03DS
MBMG97	05152-04S
MBMG98	05152-05S

Were ICP interelement corrections applied? Yes/No YES
Were ICP background corrections applied? Yes/No YES
If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Kirk Johnson Name: Kirk D. Johnson

Date: 06/21/93 Title: USEPA Data Manager

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBJM56

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM56

Matrix (soil/water): WATER Lab Sample ID: 05152-01S

Level (low/med): LOW Date Received: 05/15/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	28.6	B	J	P
7440-36-0	Antimony	20.1	B		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	34.0	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	4820	B		P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	203			P
7439-89-6	Iron	29.5	B		P
7439-92-1	Lead	11.7		*	F
7439-95-4	Magnesium	2230	B		P
7439-96-5	Manganese	28.2			P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	1140	B		P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	7080			P
7440-28-0	Thallium	1.2	U	N	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	43.3		✓	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBJM69

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM56

Matrix (soil/water): WATER Lab Sample ID: 05152-02S

Level (low/med): LOW Date Received: 05/15/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23.5	U	J	P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	2.5	U		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	42.3	U		P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	4.2	U		P
7439-89-6	Iron	4.8	U		P
7439-92-1	Lead	1.7	B	*	F
7439-95-4	Magnesium	46.4	U		P
7439-96-5	Manganese	1.8	U		P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	188	U		P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	66.2	U		P
7440-28-0	Thallium	1.2	U	N	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	3.4	U		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG96

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM56

Matrix (soil/water): WATER Lab Sample ID: 05152-03S

Level (low/med): LOW Date Received: 05/15/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23.5	U		P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	77.8	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	12000			P
7440-47-3	Chromium	336			P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	4.2	U		P
7439-89-6	Iron	4.8	U		P
7439-92-1	Lead	2.1	B	W*	F
7439-95-4	Magnesium	311	B		P
7439-96-5	Manganese	1.8	U		P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	14700			P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	32400			P
7440-28-0	Thallium	1.2	U	WN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	3.4	U		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG97

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM56

Matrix (soil/water): WATER Lab Sample ID: 05152-04S

Level (low/med): LOW Date Received: 05/15/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23.5	U		P
7440-36-0	Antimony	17.9	U		F
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	16.2	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	15500			P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	7.1	B		P
7439-89-6	Iron	4.8	U		P
7439-92-1	Lead	1.8	B	W*	F
7439-95-4	Magnesium	3210	B		P
7439-96-5	Manganese	1.8	U		P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	2530	B		P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	7600			P
7440-28-0	Thallium	1.2	U	WN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	5.7	B		P
	Cyanide				NR

Color Before: ~~COLORLESS~~ COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG98

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM56

Matrix (soil/water): WATER Lab Sample ID: 05152-05S

Level (low/med): LOW Date Received: 05/15/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23.5	U	J	P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U	W	F
7440-39-3	Barium	77.8	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	11000			P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	4.2	U		P
7439-89-6	Iron	4.8	U		P
7439-92-1	Lead	2.0	B	W*	F
7439-95-4	Magnesium	3350	B		P
7439-96-5	Manganese	10.9	B		P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	2940	B		P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	11100			P
7440-28-0	Thallium	1.2	U	WN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	9.3	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBMG82

SOW No.: ILM02.1

EPA Sample No.	Lab Sample ID.
MBJM68	05151-01S
MBMG75	05151-02S
MBMG75D	05151-02S2
MBMG76	05151-03S
MBMG76S	05151-03DS
MBMG77	05151-04S
MBMG82	05151-05S
MBMG84	05151-06S

Were ICP interelement corrections applied? Yes/No YES
Were ICP background corrections applied? Yes/No YES
If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Name: Kirk D. Johnson

Date: 06/21/93 Title: USEPA Data Manager

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBJM68

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBMG82

Matrix (soil/water): WATER Lab Sample ID: 05151-01S

Level (low/med): LOW Date Received: 05/15/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	32.0	B		P
7440-36-0	Antimony	18.6	U		P
7440-38-2	Arsenic	2.3	U		F
7440-39-3	Barium	1.1	U		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	1.4	U		P
7440-70-2	Calcium	109	B		P
7440-47-3	Chromium	58.5			P
7440-48-4	Cobalt	2.9	U		P
7440-50-8	Copper	2.7	U		P
7439-89-6	Iron	275		*	P
7439-92-1	Lead	3.3			F
7439-95-4	Magnesium	31.2	B		P
7439-96-5	Manganese	6.0	B	N	P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	30.0	B		P
7440-09-7	Potassium	93.6	U		P
7782-49-2	Selenium	3.3	U	N	F
7440-22-4	Silver	3.3	U		P
7440-23-5	Sodium	172	B		P
7440-28-0	Thallium	1.2	U		F
7440-62-2	Vanadium	2.1	U		P
7440-66-6	Zinc	4.8	U		P
	Cyanide				NR

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Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MBMG75

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBMG82

Matrix (soil/water): WATER Lab Sample ID: 05151-02S

Level (low/med): LOW Date Received: 05/15/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	82.3	B		P
7440-36-0	Antimony	18.6	U		P
7440-38-2	Arsenic	2.3	U		F
7440-39-3	Barium	111	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	1.4	U		P
7440-70-2	Calcium	21800			P
7440-47-3	Chromium	437			P
7440-48-4	Cobalt	2.9	U		P
7440-50-8	Copper	9.7	B		P
7439-89-6	Iron	898		*	P
7439-92-1	Lead	4.3			F
7439-95-4	Magnesium	1500	B		P
7439-96-5	Manganese	32.7		N	P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	57.2			P
7440-09-7	Potassium	14200			P
7782-49-2	Selenium	3.3	U	N	F
7440-22-4	Silver	3.3	U		P
7440-23-5	Sodium	31900			P
7440-28-0	Thallium	1.2	U	W	F
7440-62-2	Vanadium	2.7	B		P
7440-66-6	Zinc	33.6			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG76

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBMG82

Matrix (soil/water): WATER Lab Sample ID: 05151-03S

Level (low/med): LOW Date Received: 05/15/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	309		J	P
7440-36-0	Antimony	18.6	U		P
7440-38-2	Arsenic	2.3	U	JW	F
7440-39-3	Barium	54.3	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	1.4	U		P
7440-70-2	Calcium	16600			P
7440-47-3	Chromium	25.4		*	P
7440-48-4	Cobalt	2.9	U		P
7440-50-8	Copper	4.2	B		P
7439-89-6	Iron	249		*	P
7439-92-1	Lead	3.5		J	F
7439-95-4	Magnesium	3420	B		P
7439-96-5	Manganese	1720		J N	P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	15.9	B		P
7440-09-7	Potassium	2500	B		P
7782-49-2	Selenium	16.5	U	JWN	F
7440-22-4	Silver	3.3	U		P
7440-23-5	Sodium	7860			P
7440-28-0	Thallium	1.2	U	JW	F
7440-62-2	Vanadium	2.1	U		P
7440-66-6	Zinc	4.9	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture:

Color After: COLORLESS Clarity After: CLOUDY Artifacts:

Comments:

See 5x dilution

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EPA SAMPLE NO.

MBMG77

INORGANIC ANALYSIS DATA SHEET

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBMG82

Matrix (soil/water): WATER Lab Sample ID: 05151-04S

Level (low/med): LOW Date Received: 05/15/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	237		J	P
7440-36-0	Antimony	18.6	U		P
7440-38-2	Arsenic	2.3	U	J W	F
7440-39-3	Barium	88.3	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	1.4	U		P
7440-70-2	Calcium	13400			P
7440-47-3	Chromium	22.0			P
7440-48-4	Cobalt	2.9	U		P
7440-50-8	Copper	5.9	B		P
7439-89-6	Iron	327		*	P
7439-92-1	Lead	5.1		J	F
7439-95-4	Magnesium	3640	B		P
7439-96-5	Manganese	21.0		J N	P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	13.3	B		P
7440-09-7	Potassium	3120	B		P
7782-49-2	Selenium	3.3	U	J WN	F
7440-22-4	Silver	3.3	U		P
7440-23-5	Sodium	11400			P
7440-28-0	Thallium	1.2	U	J W	F
7440-62-2	Vanadium	2.1	U		P
7440-66-6	Zinc	25.7			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG82

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBMG82

Matrix (soil/water): WATER Lab Sample ID: 05151-05S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3700			P
7440-36-0	Antimony	18.6	U		P
7440-38-2	Arsenic	2.3	U		F
7440-39-3	Barium	48.2	B		P
7440-41-7	Beryllium	0.36	B		P
7440-43-9	Cadmium	1.4	U		P
7440-70-2	Calcium	26900			P
7440-47-3	Chromium	6.3	B		P
7440-48-4	Cobalt	7.8	B		P
7440-50-8	Copper	327			P
7439-89-6	Iron	6360		*	P
7439-92-1	Lead	22.3			F
7439-95-4	Magnesium	4840	B		P
7439-96-5	Manganese	235		N	P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	9.8	B		P
7440-09-7	Potassium	2960	B		P
7782-49-2	Selenium	3.3	U	WN	F
7440-22-4	Silver	3.3	U		P
7440-23-5	Sodium	7780			P
7440-28-0	Thallium	1.2	U	W	F
7440-62-2	Vanadium	5.0	B		P
7440-66-6	Zinc	32.8			P
	Cyanide				NR

Color Before: BROWN Clarity Before: CLOUDY Texture:

Color After: BROWN Clarity After: CLOUDY Artifacts:

Comments:

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MBMG84

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBMG82

Matrix (soil/water): WATER Lab Sample ID: 05151-065

Level (low/med): LOW Date Received: 05/15/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	36.5	B		P
7440-36-0	Antimony	18.6	U		P
7440-38-2	Arsenic	2.3	U	JW	F
7440-39-3	Barium	33.8	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	1.4	U		P
7440-70-2	Calcium	4990	B		P
7440-47-3	Chromium	3.3	U		P
7440-48-4	Cobalt	2.9	U		P
7440-50-8	Copper	462			P
7439-89-6	Iron	55.7	B	*	P
7439-92-1	Lead	14.6			F
7439-95-4	Magnesium	2290	B		P
7439-96-5	Manganese	28.3		JN	P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	4.2	U		P
7440-09-7	Potassium	1390	B		P
7782-49-2	Selenium	3.3	U	JWN	F
7440-22-4	Silver	3.3	U		P
7440-23-5	Sodium	7130			P
7440-28-0	Thallium	1.2	U	JW	F
7440-62-2	Vanadium	2.1	U		P
7440-66-6	Zinc	89.2			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

SOW No.: ILM02.1

EPA Sample No.	Lab Sample ID.
MBJM57	05140-01S
MBJM61	05140-02S
MBJM63	05140-03S
MBJM64	05140-04S
MBJM66	05140-05S
MBMG64	05140-06S
MBMG65	05140-07S
MBMG66	05140-08S
MBMG66D	05140-08S2
MBMG66S	05140-08DS
MBMG67	05140-09S
MBMG68	05140-10S
MBMG69	05140-11S
MBMG70	05140-12S
MBMG71	05140-13S
MBMG72	05140-14S
MBMG73	05140-15S
MBMG74	05140-16S
MBMG78	05140-17S
MBMG79	05140-18S
80	
81	

Were ICP interelement corrections applied? Yes/No YES
Were ICP background corrections applied? Yes/No YES
If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: (for) Name: Steven R. Provencal

Date: 6/18/93 Title: Lead Chemist

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

SOW No.: ILM02.1

EPA Sample No.	Lab Sample ID.
MBMG80	05140-19S
MBMG81	05140-20S

Were ICP interelement corrections applied? Yes/No YES
Were ICP background corrections applied? Yes/No YES
If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: (for) Name: Steven R. Provencal

Date: 6/18/93 Title: Lead Chemist

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBJM57

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-01S

Level (low/med): LOW Date Received: 05/12/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	~~Aluminum~~	~~[illegible]~~			~~P~~
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	81.2		SN*	F
7440-39-3	Barium	1010			P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U	N	P
7440-70-2	Calcium	38600			P
7440-47-3	Chromium	73.1			P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	10500			P
7439-89-6	Iron	280000			P
7439-92-1	Lead	5.3			F
7439-95-4	Magnesium	4540	B		P
7439-96-5	Manganese	1400			P
7439-97-6	Mercury	0.10	U	N	AV
7440-02-0	Nickel	20.7	B		P
7440-09-7	Potassium	5730			P
~~7782-49-2~~	~~Selenium~~	~~16.5~~	~~U~~	~~WN~~	~~F~~
7440-22-4	Silver	17.4			P
7440-23-5	Sodium	10800			P
7440-28-0	Thallium	1.2	U		F
7440-62-2	Vanadium	29.2	B		P
7440-66-6	Zinc	209		E	P
	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture:

Color After: BROWN Clarity After: OPAQUE Artifacts:

Comments:

See at Section

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MBJM61

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-02S

Level (low/med): LOW Date Received: 05/12/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	604		J	P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	2.3	U	N*	F
7440-39-3	Barium	2.5	U		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U	N	P
7440-70-2	Calcium	710	B		P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	9.1	B		P
7439-89-6	Iron	116			P
7439-92-1	Lead	3.9		W	F
7439-95-4	Magnesium	160	B		P
7439-96-5	Manganese	17.8			P
7439-97-6	Mercury	0.10	U	N	AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	188	U		P
~~7782-49-2~~	~~Selenium~~	~~2.7~~	~~U~~	~~N~~	~~F~~
7440-22-4	Silver	3.8	U	J	P
7440-23-5	Sodium	434	B		P
7440-28-0	Thallium	1.2	U		F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	16.0	B	E	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

4

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBJM63

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-03S

Level (low/med): LOW Date Received: 05/12/93

% Solids: 0.0

Concentration Units (ug/l or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	426		J	P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	2.3	U	N*	F
7440-39-3	Barium	2.5	U		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U	N	P
7440-70-2	Calcium	458	B		P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	5.5	B		P
7439-89-6	Iron	41.6	B		P
7439-92-1	Lead	2.2	B		F
7439-95-4	Magnesium	114	B		P
7439-96-5	Manganese	11.5	B		P
7439-97-6	Mercury	0.10	U	N	AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	188	U		P
~~7782-49-2~~	~~Selenium~~	~~0.5~~	~~U~~	~~N~~	~~F~~
7440-22-4	Silver	3.8	U	J	P
7440-23-5	Sodium	135	B		P
7440-28-0	Thallium	1.2	U		F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	7.7	B	E	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

EPA SAMPLE NO.

MBJM64

INORGANIC ANALYSIS DATA SHEET

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-04S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23.5	U		P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	2.3	U	JN*	F
7440-39-3	Barium	2.5	U		P
7440-41-7	Beryllium	0.51	B		P
7440-43-9	Cadmium	1.7	U	JN	P
7440-70-2	Calcium	44.6	B		P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	7.3	B		P
7439-89-6	Iron	93.8	B		P
7439-92-1	Lead	3.1			F
7439-95-4	Magnesium	103	B		P
7439-96-5	Manganese	1.8	U		P
7439-97-6	Mercury	0.10	U	JN	AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	188	U		P
~~7782-49-2~~	~~Selenium~~	~~3.3~~	~~U~~	~~N~~	~~F~~
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	974	B		P
7440-28-0	Thallium	1.2	U		F
7440-62-2	Vanadium	4.1	B		P
7440-66-6	Zinc	7.1	B	E	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

6

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBJM66

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-05S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23.5	U	J	P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	2.3	U	N*	F
7440-39-3	Barium	2.5	U		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U	N	P
7440-70-2	Calcium	42.3	U		P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	6.4	B		P
7439-89-6	Iron	90.3	B		P
7439-92-1	Lead	2.8	B		F
7439-95-4	Magnesium	68.5	B		P
7439-96-5	Manganese	1.8	U		P
7439-97-6	Mercury	0.10	U	N	AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	188	U		P
7782-49-2	Selenium	[illegible]	U	N	F
7440-22-4	Silver	3.8	U	J	P
7440-23-5	Sodium	148	B		P
7440-28-0	Thallium	1.2	U		F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	4.3	B	E	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Page: 7

EPA SAMPLE NO.

MBMG64

INORGANIC ANALYSIS DATA SHEET

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-06S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	254			P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	7.5	B	JN*	F
7440-39-3	Barium	217			P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U	JN	P
7440-70-2	Calcium	80700			P
7440-47-3	Chromium	19.1			P
7440-48-4	Cobalt	6.4	B		P
7440-50-8	Copper	38.5			P
7439-89-6	Iron	66600			P
7439-92-1	Lead	7.1			F
7439-95-4	Magnesium	5920			P
7439-96-5	Manganese	806			P
7439-97-6	Mercury	0.10	U	JN	AV
7440-02-0	Nickel	7.5	B		P
7440-09-7	Potassium	13900			P
~~7782-49-2~~	~~Selenium~~	~~3.5~~	~~U~~	~~WN~~	~~F~~
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	18600			P
7440-28-0	Thallium	1.2	U	JW	F
7440-62-2	Vanadium	12.0	B		P
7440-66-6	Zinc	133		JE	P
	Cyanide				NR

Color Before: YELLOW Clarity Before: CLOUDY Texture:

Color After: YELLOW Clarity After: CLOUDY Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MRMG65

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MRJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-07S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	264			P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	2.3	U	N*	F
7440-39-3	Barium	103	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U	N	P
7440-70-2	Calcium	13600			P
7440-47-3	Chromium	31.4			P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	16.5	B		P
7439-89-6	Iron	659			P
7439-92-1	Lead	16.4			F
7439-95-4	Magnesium	2980	B		P
7439-96-5	Manganese	31.2			P
7439-97-6	Mercury	0.10	U	N	AV
7440-02-0	Nickel	10.6	B		P
7440-09-7	Potassium	5370		J	P
~~7782-49-2~~	~~Selenium~~	~~3.8~~	~~U~~	~~N~~	~~F~~
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	19700			P
7440-28-0	Thallium	1.2	U	W	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	35.5		E	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture:

Color After: COLORLESS Clarity After: CLOUDY Artifacts:

Comments:

U.S. EPA - CLP
1

MW-25

EPA SAMPLE NO.

MRMG66

INORGANIC ANALYSIS DATA SHEET

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MRJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-08S

Level (low/med): LOW Date Received: 05/12/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
~~7429-90-5~~	~~Aluminum~~	~~652~~			~~P~~
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	73.8		N*	F
7440-39-3	Barium	1390			P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U	N	P
7440-70-2	Calcium	39700			P
7440-47-3	Chromium	38.7			P
7440-48-4	Cobalt	4.6	B		P
7440-50-8	Copper	14600			P
7439-89-6	Iron	467000			P
7439-92-1	Lead	8.5			F
7439-95-4	Magnesium	4340	B		P
7439-96-5	Manganese	1790			P
7439-97-6	Mercury	0.10	U	N	AV
7440-02-0	Nickel	7.0	B		P
7440-09-7	Potassium	5570			P
~~7782-49-2~~	~~Selenium~~	~~16.5~~	~~U~~	~~UN~~	~~F~~
7440-22-4	Silver	27.7		J	P
7440-23-5	Sodium	10100			P
7440-28-0	Thallium	1.2	U		F
7440-62-2	Vanadium	46.2	B		P
7440-66-6	Zinc	281		E	P
	Cyanide				NR

Color Before: BROWN Clarity Before: OPAQUE Texture:

Color After: BROWN Clarity After: OPAQUE Artifacts:

Comments:

Se at Sx detect

FORM I - IN ILM02.1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG67

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-09S

Level (low/med): LOW Date Received: 05/12/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	B	J	P
7440-36-0	Antimony	24.3	B		P
7440-38-2	Arsenic	2.3	U	WN*	F
7440-39-3	Barium	100	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U	N	P
7440-70-2	Calcium	15400			P
7440-47-3	Chromium	42.9			P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	17.4	B		P
7439-89-6	Iron	885			P
7439-92-1	Lead	7.1			F
7439-95-4	Magnesium	2560	B		P
7439-96-5	Manganese	159			P
7439-97-6	Mercury	0.10	U	N	AV
7440-02-0	Nickel	14.1	B		P
7440-09-7	Potassium	15900			P
~~7782-49-2~~	~~Selenium~~	~~3.3~~	~~U~~	~~WN~~	~~F~~
7440-22-4	Silver	3.8	U	J	P
7440-23-5	Sodium	20200			P
7440-28-0	Thallium	1.2	U	W	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	80.9		E	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture:

Color After: COLORLESS Clarity After: CLOUDY Artifacts:

Comments:

U.S. EPA - CLP
1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MBMG68

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MRJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-105

Level (low/med): LOW Date Received: 05/12/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	193	B	J	P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	16.0		N*	F
7440-39-3	Barium	40.0	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U	N	P
7440-70-2	Calcium	22200			P
7440-47-3	Chromium	11.7			P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	262			P
7439-89-6	Iron	42200			P
7439-92-1	Lead	6.3			F
7439-95-4	Magnesium	3290	B		P
7439-96-5	Manganese	467			P
7439-97-6	Mercury	0.10	U	N	AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	7120			P
~~7782-49-2~~	~~Selenium~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~P~~
7440-22-4	Silver	3.8	U	J	P
7440-23-5	Sodium	15200			P
7440-28-0	Thallium	1.2	U		F
7440-62-2	Vanadium	7.1	B		P
7440-66-6	Zinc	28.2		E	P
	Cyanide				NR

Color Before: ORANGE Clarity Before: CLOUDY Texture:

Color After: ORANGE Clarity After: CLOUDY Artifacts:

Comments:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG69

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-11S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	104	B		P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	2.3	U	JN*	F
7440-39-3	Barium	100	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U	JN	P
7440-70-2	Calcium	14500			P
~~7440-47-3~~	~~Chromium~~	~~81.9~~			~~P~~
7440-48-4	Cobalt	19.8	B		P
7440-50-8	Copper	8.3	B		P
7439-89-6	Iron	528			P
~~7439-92-1~~	~~Lead~~	~~7.3~~			~~F~~
7439-95-4	Magnesium	2830	B		P
7439-96-5	Manganese	1970			P
7439-97-6	Mercury	0.10	U	JN	AV
7440-02-0	Nickel	22.9	B		P
7440-09-7	Potassium	4950	B		P
~~7782-49-2~~	~~Selenium~~	~~2.3~~	~~U~~	~~N~~	~~F~~
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	21100			P
7440-28-0	Thallium	1.2	U	JW	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	23.4		JE	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture:

Color After: COLORLESS Clarity After: CLOUDY Artifacts:

Comments:

EPA SAMPLE NO.

MBMG70

INORGANIC ANALYSIS DATA SHEET

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-12S

Level (low/med): LOW Date Received: 05/12/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
~~7429-90-5~~	~~Aluminum~~	~~1510~~			~~P~~
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	2.3	U	N*	F
7440-39-3	Barium	61.7	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U	N	P
7440-70-2	Calcium	31700			P
7440-47-3	Chromium	597			P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	125			P
7439-89-6	Iron	6210			P
7439-92-1	Lead	10.9			F
7439-95-4	Magnesium	3350	B		P
7439-96-5	Manganese	458			P
7439-97-6	Mercury	0.10	U	N	AV
7440-02-0	Nickel	23.8	B		P
7440-09-7	Potassium	4350	B		P
~~7782-49-2~~	~~Selenium~~	~~3.3~~	~~U~~	~~WN~~	~~F~~
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	9250			P
7440-28-0	Thallium	1.2	U	W	F
7440-62-2	Vanadium	6.9	B		P
7440-66-6	Zinc	81.9		E	P
	Cyanide				NR

Color Before: BROWN Clarity Before: CLOUDY Texture:

Color After: BROWN Clarity After: CLOUDY Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG71

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-13S

Level (low/med): LOW Date Received: 05/12/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
~~7429-90-5~~	~~Aluminum~~	~~373~~			~~P~~
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	2.3	U	WN*	F
7440-39-3	Barium	21.7	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U	N	P
7440-70-2	Calcium	18300			P
7440-47-3	Chromium	23.3			P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	5.6	B		P
7439-89-6	Iron	803			P
7439-92-1	Lead	3.1			F
7439-95-4	Magnesium	2580	B		P
7439-96-5	Manganese	257			P
7439-97-6	Mercury	0.10	U	N	AV
7440-02-0	Nickel	39.3	B		P
~~7440-09-7~~	~~Potassium~~	~~9300~~	~~B~~		~~P~~
~~7782-49-2~~	~~Selenium~~	~~3.3~~	~~U~~	~~N~~	~~F~~
7440-22-4	Silver	3.8	U	J	P
7440-23-5	Sodium	12000			P
7440-28-0	Thallium	1.2	U	W	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	70.9		E	P
	Cyanide				NR

Color Before: BROWN Clarity Before: CLOUDY Texture:

Color After: BROWN Clarity After: CLOUDY Artifacts:

Comments:

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MBMG72

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-14S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	133	B	J	P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	2.3	U	N*	F
7440-39-3	Barium	93.3	B		P
7440-41-7	Beryllium	0.51	B		P
7440-43-9	Cadmium	1.7	U	N	P
~~7440-70-2~~	~~Calcium~~	~~11600~~			~~P~~
7440-47-3	Chromium	40.0			P
7440-48-4	Cobalt	3.8	U		P
~~7440-50-8~~	~~Copper~~	~~4.5~~	~~B~~		~~P~~
~~7439-89-6~~	~~Iron~~	~~467~~			~~P~~
7439-92-1	Lead	3.9		M	F
7439-95-4	Magnesium	3400	B		P
~~7439-96-5~~	~~Manganese~~	~~23.3~~			~~P~~
7439-97-6	Mercury	0.10	U	N	AV
~~7440-02-0~~	~~Nickel~~	~~15.6~~	~~B~~		~~P~~
7440-09-7	Potassium	5010			P
~~7782-49-2~~	~~Selenium~~	~~3.3~~	~~U~~	~~WN~~	~~F~~
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	16500			P
7440-28-0	Thallium	1.2	U	W	F
7440-62-2	Vanadium	5.0	B		P
7440-66-6	Zinc	22.5		E	P
	Cyanide				NR

Color Before: YELLOW Clarity Before: CLOUDY Texture:

Color After: YELLOW Clarity After: CLOUDY. Artifacts:

Comments:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG73

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-15S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	350		J	P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	2.3	U	WN*	F
7440-39-3	Barium	35.0	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	2.7	B	N	P
7440-70-2	Calcium	9060			P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	110			P
7439-89-6	Iron	368			P
7439-92-1	Lead	7.7		W	F
7439-95-4	Magnesium	1630	B		P
7439-96-5	Manganese	49.1			P
7439-97-6	Mercury	0.10	U	N	AV
7440-02-0	Nickel	7.0	B		P
7440-09-7	Potassium	3840	B		P
7782-49-2	Selenium	16.5	U	WN	F
7440-22-4	Silver	3.8	U	J	P
7440-23-5	Sodium	9470			P
7440-28-0	Thallium	1.2	U	W	F
7440-62-2	Vanadium	6.2	B		P
7440-66-6	Zinc	33.8		E	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture:

Color After: COLORLESS Clarity After: CLOUDY Artifacts:

Comments:

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MBMG74

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-16S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	615			P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	2.3	U	WN*	F
7440-39-3	Barium	155	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U	N	P
7440-70-2	Calcium	28500			P
7440-47-3	Chromium	186			P
7440-48-4	Cobalt	4.6	B		P
7440-50-8	Copper	222			P
7439-89-6	Iron	11100			P
7439-92-1	Lead	8.9			F
7439-95-4	Magnesium	3020	B		P
7439-96-5	Manganese	503			P
7439-97-6	Mercury	0.10	U	N	AV
7440-02-0	Nickel	71.9			P
7440-09-7	Potassium	5600			P
~~7782-49-2~~	~~Selenium~~	~~[illegible]~~	~~U~~	~~N~~	~~F~~
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	13200			P
7440-28-0	Thallium	1.2	U	W	F
7440-62-2	Vanadium	4.5	B		P
~~7440-66-6~~	~~Zinc~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~P~~
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture:

Color After: COLORLESS Clarity After: CLOUDY Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG78

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-17S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1270		J	P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	5.0	B	N*	F
7440-39-3	Barium	80.0	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U	N	P
7440-70-2	Calcium	29000			P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	23.8	B		P
7439-89-6	Iron	13500			P
7439-92-1	Lead	25.0			F
7439-95-4	Magnesium	3780	B		P
7439-96-5	Manganese	207			P
7439-97-6	Mercury	0.10	U	N	AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	5690			P
~~7782-49-2~~	~~Selenium~~	~~5.5~~	~~U~~	~~N~~	~~F~~
7440-22-4	Silver	3.8	U	J	P
7440-23-5	Sodium	26800			P
7440-28-0	Thallium	1.2	U	W	F
7440-62-2	Vanadium	7.4	B		P
7440-66-6	Zinc	19.6	B	E	P
	Cyanide				NR

Color Before: YELLOW Clarity Before: CLOUDY Texture:

Color After: YELLOW Clarity After: CLOUDY Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG79

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-18S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2700		J	P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	2.6	B	N*	F
7440-39-3	Barium	88.3	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U	N	P
7440-70-2	Calcium	32900			P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	5.8	B		P
7440-50-8	Copper	57.9			P
7439-89-6	Iron	9550			P
7439-92-1	Lead	54.9			F
7439-95-4	Magnesium	4470	B		P
7439-96-5	Manganese	305			P
7439-97-6	Mercury	0.10	U	N	AV
7440-02-0	Nickel	10.1	B		P
7440-09-7	Potassium	5420			P
~~7782-49-2~~	~~Selenium~~	~~3.3~~	~~U~~	~~N~~	~~F~~
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	19200			P
7440-28-0	Thallium	1.2	U	W	F
7440-62-2	Vanadium	7.9	B		P
7440-66-6	Zinc	33.3		E	P
	Cyanide				NR

Color Before: YELLOW Clarity Before: CLOUDY Texture:

Color After: YELLOW Clarity After: CLOUDY Artifacts:

Comments:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG80

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-19S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3460			P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	2.3	U	N*	F
7440-39-3	Barium	26.7	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U	N	P
7440-70-2	Calcium	22600			P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	5.2	B		P
7440-50-8	Copper	347			P
7439-89-6	Iron	6560			P
7439-92-1	Lead	14.8			F
7439-95-4	Magnesium	4520	B		P
7439-96-5	Manganese	158			P
7439-97-6	Mercury	0.10	U	N	AV
7440-02-0	Nickel	7.9	B		P
7440-09-7	Potassium	4170	B		P
~~7782-49-2~~	~~Selenium~~	~~2.3~~	~~U~~	~~N~~	~~F~~
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	14000			P
7440-28-0	Thallium	1.2	U	W	F
7440-62-2	Vanadium	6.6	B		P
7440-66-6	Zinc	47.5		E	P
	Cyanide				NR

Color Before: YELLOW Clarity Before: CLOUDY Texture:

Color After: YELLOW Clarity After: CLOUDY Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG81

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM57

Matrix (soil/water): WATER Lab Sample ID: 05140-20S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1910		J	P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	2.3	U	N*	F
7440-39-3	Barium	30.0	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U	N	P
7440-70-2	Calcium	32700			P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	137			P
7439-89-6	Iron	2450			P
7439-92-1	Lead	7.7			F
7439-95-4	Magnesium	5470			P
7439-96-5	Manganese	108			P
7439-97-6	Mercury	0.10	U	N	AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	4090	B		P
~~7782-49-2~~	~~Selenium~~	~~[illegible]~~	~~[illegible]~~	~~N~~	~~F~~
7440-22-4	Silver	3.8	U	J	P
7440-23-5	Sodium	13500			P
7440-28-0	Thallium	1.2	U	W	F
7440-62-2	Vanadium	4.5	B		P
7440-66-6	Zinc	29.9		E	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLOUDY Texture:

Color After: COLORLESS Clarity After: CLOUDY Artifacts:

Comments:

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

SOW No.: ILM02.1

EPA Sample No.	Lab Sample ID.
MBJM50	05139-01S
MBJM51	05139-02S
MBJM52	05139-03S
MBJM53	05139-04S
MBJM54	05139-05S
MBJM58	05139-06S
MBJM62	05139-07S
MBJM65	05139-08S
MBJM67	05139-09S
MBMG85	05139-10S
MBMG86	05139-11S
MBMG87	05139-12S
MBMG87D	05139-12S2
MBMG87S	05139-12DS
MBMG88	05139-13S
MBMG89	05139-14S
MBMG90	05139-15S
MBMG91	05139-16S
MBMG92	05139-17S
MBMG93	05139-18S

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Name: Kirk D. Johnson

Date: 6/18/93 Title: USEPA Data Manager

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

SOW No.: ILM02.1

EPA Sample No.	Lab Sample ID.
MBMG94	05139-19S
MBMG95	05139-20S

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Name: Kirk D. Johnson

Date: 06/18/93 Title: USEPA Data Manager

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBJM50

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-01S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23.5	U		P
7440-36-0	Antimony	41.6	B		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	72.4	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	32800			P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	23.9	B		P
7439-89-6	Iron	3510			P
~~7439-92-1~~	~~Lead~~	~~2.7~~	~~B~~		~~F~~
7439-95-4	Magnesium	3770	B		P
7439-96-5	Manganese	229			P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	7460			P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	26500			P
7440-28-0	Thallium	1.2	U	WN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	7.0	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBJM51

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-02S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	109	B		P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	56.9	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	30400			P
7440-47-3	Chromium	9.0	B		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	15.0	B		P
7439-89-6	Iron	93.8	B		P
~~7439-92-1~~	~~Lead~~	~~4.6~~			~~P~~
7439-95-4	Magnesium	3620	B		P
7439-96-5	Manganese	30.1			P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	5000	B	J	P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	18600			P
7440-28-0	Thallium	1.2	U	J WN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	20.0	B	J	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBJM52

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-03S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	40.8	B		P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	5.2	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	21800			P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	53.3			P
7439-89-6	Iron	9.7	B		P
~~7439-92-1~~	~~Lead~~	~~2.4~~	~~B~~	~~W~~	~~F~~
7439-95-4	Magnesium	3760	B		P
7439-96-5	Manganese	10.0	B		P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	4190	B		P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	13900			P
7440-28-0	Thallium	1.2	U	WN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	23.9			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBJM53

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-04S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	45.7	B		P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	22.4	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	31700			P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	47.7			P
7439-89-6	Iron	4.8	U		P
~~7439-92-1~~	~~Lead~~	~~5.4~~		~~W~~	~~F~~
7439-95-4	Magnesium	5300			P
7439-96-5	Manganese	4.7	B		P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	8.4	B		P
7440-09-7	Potassium	3780	B		P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	13000			P
7440-28-0	Thallium	1.2	U	WN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	23.6		J	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBJM54

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-05S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	431			P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	25.8	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	26500			P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	119			P
7439-89-6	Iron	106			P
7439-92-1	Lead	7.2			F
7439-95-4	Magnesium	4130	B		P
7439-96-5	Manganese	9.7	B		P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	2670	B		P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	7630			P
7440-28-0	Thallium	1.2	U	JWN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	24.0		J	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
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1 S-DUP

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBJM58

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-06S

Level (low/med): LOW Date Received: 05/12/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
~~7429-90-5~~	~~Aluminum~~	~~31.3~~	~~B~~		~~P~~
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	51.7	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	27800			P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	34.7			P
7439-89-6	Iron	515			P
~~7439-92-1~~	~~Lead~~	~~2.9~~	~~B~~	~~W~~	~~F~~
7439-95-4	Magnesium	3970	B	J	P
7439-96-5	Manganese	397			P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	5100			P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	9920			P
7440-28-0	Thallium	1.2	U	WN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	9.0	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBJM62

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-07S

Level (low/med): LOW Date Received: 05/12/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23.5	U		P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	2.5	U		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	97.5	B		P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	4.2	U		P
7439-89-6	Iron	8.2	B		P
7439-92-1	Lead	6.7			F
7439-95-4	Magnesium	46.4	U		P
7439-96-5	Manganese	1.8	U		P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	188	U		P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	66.2	U		P
7440-28-0	Thallium	1.2	U	N	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	3.4	U		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBJM65

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-08S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23.5	B		P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	2.5	U		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	101	B		P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	5.6	B		P
7439-89-6	Iron	4.8	U		P
~~7439-92-1~~	~~Lead~~	~~2.2~~	~~B~~		~~F~~
7439-95-4	Magnesium	46.4	U		P
7439-96-5	Manganese	1.8	U		P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	188	U		P
7782-49-2	Selenium	2.9	U	W	F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	66.2	U		P
7440-28-0	Thallium	1.2	U	N	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	3.4	U		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBJM67

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-09S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	39.5	B		P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	2.5	U		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	87.2	B		P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	4.7	B		P
7439-89-6	Iron	11.6	B		P
~~7439-92-1~~	~~Lead~~	~~2.4~~	~~B~~		~~F~~
7439-95-4	Magnesium	46.4	U		P
7439-96-5	Manganese	1.8	U		P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	227	B		P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	67.1	B		P
7440-28-0	Thallium	1.2	U	JN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	5.1	B	J	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG85

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-10S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	30.1	B		P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	6.1	B		F
7440-39-3	Barium	164	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	76200			P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.9	B		P
7440-50-8	Copper	4.8	B		P
7439-89-6	Iron	21300			P
~~7439-92-1~~	~~Lead~~	~~2.6~~	~~B~~	~~W~~	~~P~~
7439-95-4	Magnesium	5580			P
7439-96-5	Manganese	783			P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	7.1	B		P
7440-09-7	Potassium	12400		J	P
7782-49-2	Selenium	2.9	U	JW	F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	17100			P
7440-28-0	Thallium	1.2	U	JWN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	38.4		J	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG86

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-11S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	45.0	B	J	P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	68.9	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	12100			P
7440-47-3	Chromium	16.2			P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	5.6	B		P
7439-89-6	Iron	15.5	B		P
~~7439-92-1~~	~~Lead~~	~~2.1~~	~~B~~	~~W~~	~~P~~
7439-95-4	Magnesium	1400	B	J	P
7439-96-5	Manganese	10.3	B		P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	7830			P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	18300			P
7440-28-0	Thallium	1.2	U	WN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	27.3			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG87

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-12S

Level (low/med): LOW Date Received: 05/12/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
~~7429-90-5~~	~~Aluminum~~	~~25.1~~	~~B~~		~~P~~
7440-36-0	Antimony	17.9	U	—	P
7440-38-2	Arsenic	3.5	U	W	F
7440-39-3	Barium	72.4	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	29000			P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	18.8	B		P
7439-89-6	Iron	714			P
~~7439-92-1~~	~~Lead~~	~~1.9~~	~~B~~	~~W~~	~~F~~
7439-95-4	Magnesium	3930	B	—	P
7439-96-5	Manganese	402			P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	5840			P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	10400			P
7440-28-0	Thallium	1.2	U	WN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	3.4	U		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG88

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-13S

Level (low/med): LOW Date Received: 05/12/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	31.0	B		P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U	JW	F
7440-39-3	Barium	82.7	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	11000			P
7440-47-3	Chromium	29.7			P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	9.4	B		P
7439-89-6	Iron	62.5	B		P
~~7439-92-1~~	~~Lead~~	~~2.6~~	~~B~~	~~W~~	~~P~~
7439-95-4	Magnesium	2290	B		P
7439-96-5	Manganese	84.7			P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	16700		J	P
7782-49-2	Selenium	2.9	U	JW	F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	20600			P
7440-28-0	Thallium	1.2	U	JWN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	61.9			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG89

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-14S

Level (low/med): LOW Date Received: 05/12/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
~~7429-90-5~~	~~Aluminum~~	~~31.4~~	~~B~~		~~P~~
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	5.2	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	19200			P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	18.9	B		P
7439-89-6	Iron	1150			P
~~7439-92-1~~	~~Lead~~	~~1.5~~	~~B~~		~~F~~
7439-95-4	Magnesium	2900	B		P
7439-96-5	Manganese	370			P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
7440-09-7	Potassium	7490			P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	14200			P
7440-28-0	Thallium	6.0	U	N	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	30.2			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG90

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-15S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	30.6	B		P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	31.0	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	15100			P
~~7440-47-3~~	~~Chromium~~	~~216~~			~~P~~
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	10.3	B		P
7439-89-6	Iron	92.1	B		P
~~7439-92-1~~	~~Lead~~	~~24.8~~			~~F~~
7439-95-4	Magnesium	2890	B		P
7439-96-5	Manganese	394			P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	15.9	B		P
7440-09-7	Potassium	4750	B		P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	19400			P
7440-28-0	Thallium	1.2	U	JWN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	34.8		J	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG91

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-16S

Level (low/med): LOW Date Received: 05/12/93

% ' ·ids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	23.5	U	J	P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	56.9	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	30700			P
7440-47-3	Chromium	36.0			P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	31.8			P
7439-89-6	Iron	435			P
~~7439-92-1~~	~~Lead~~	~~1.9~~	~~B~~	~~W~~	~~F~~
7439-95-4	Magnesium	2910	B	J	P
7439-96-5	Manganese	446			P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	37.3	B		P
7440-09-7	Potassium	4230	B		P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	4.6	B		P
7440-23-5	Sodium	9040			P
7440-28-0	Thallium	1.2	U	WN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	48.0			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG92

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-17S

Level (low/med): LOW Date Received: 05/12/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
~~7429-90-5~~	~~Aluminum~~	~~27.0~~	~~B~~		~~P~~
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	82.7	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	9890			P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	9.4	B		P
7439-89-6	Iron	18.9	B		P
~~7439-92-1~~	~~Lead~~	~~1.5~~	~~B~~		~~F~~
7439-95-4	Magnesium	2840	B		P
7439-96-5	Manganese	17.4			P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	6.1	U		P
~~7440-09-7~~	~~Potassium~~	~~6420~~			~~P~~
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	4.0	B		P
7440-23-5	Sodium	16700			P
7440-28-0	Thallium	1.2	U	WN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	17.0	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBMG93

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-18S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	45.1	B		P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	31.0	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
~~7440-70-2~~	~~Calcium~~	~~25900~~			~~P~~
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	4.5	B		P
~~7440-50-8~~	~~Copper~~	~~36.9~~			~~P~~
~~7439-89-6~~	~~Iron~~	~~1980~~			~~P~~
~~7439-92-1~~	~~Lead~~	~~2.1~~	~~B~~	~~W~~	~~F~~
7439-95-4	Magnesium	2780	B		P
~~7439-96-5~~	~~Manganese~~	~~441~~			~~P~~
7439-97-6	Mercury	0.10	U		AV
~~7440-02-0~~	~~Nickel~~	~~53.8~~			~~P~~
7440-09-7	Potassium	5570		J	P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	12700			P
7440-28-0	Thallium	1.2	U	JWN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	9.9	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

MBMG94

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-19S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	128	B	J	P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U	W	F
7440-39-3	Barium	32.7	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	9260			P
7440-47-3	Chromium	5.8	U		P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	108			P
7439-89-6	Iron	34.9	B		P
~~7439-92-1~~	~~Lead~~	~~1.4~~	~~B~~	~~W~~	~~F~~
7439-95-4	Magnesium	1740	B	J	P
7439-96-5	Manganese	51.6			P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	9.6	B		P
7440-09-7	Potassium	4120	B		P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	10900			P
7440-28-0	Thallium	1.2	U	WN	F
7440-62-2	Vanadium	3.3	U		P
7440-66-6	Zinc	20.4			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP
1

EPA SAMPLE NO.

MBMG95

INORGANIC ANALYSIS DATA SHEET

Lab Name: SKINNER & SHERMAN LABS. Contract: 68-D2-0039

Lab Code: SKINER Case No.: 19956 SAS No.: SDG No.: MBJM58

Matrix (soil/water): WATER Lab Sample ID: 05139-20S

Level (low/med): LOW Date Received: 05/14/93

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	119	B		P
7440-36-0	Antimony	17.9	U		P
7440-38-2	Arsenic	3.5	U		F
7440-39-3	Barium	20.7	B		P
7440-41-7	Beryllium	0.50	U		P
7440-43-9	Cadmium	1.7	U		P
7440-70-2	Calcium	17100			P
7440-47-3	Chromium	161			P
7440-48-4	Cobalt	3.8	U		P
7440-50-8	Copper	11.3	B		P
7439-89-6	Iron	660			P
~~7439-92-1~~	~~Lead~~	~~1.5~~	~~B~~	~~W~~	~~P~~
7439-95-4	Magnesium	2390	B		P
7439-96-5	Manganese	237			P
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel	108		J	P
7440-09-7	Potassium	2440	B		P
7782-49-2	Selenium	2.9	U		F
7440-22-4	Silver	3.8	U		P
7440-23-5	Sodium	11600			P
7440-28-0	Thallium	1.2	U	J WN	F
7440-62-2	Vanadium	3.3	U		P
~~7440-66-6~~	~~Zinc~~	~~62.3~~			~~P~~
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

- **Round II Sampling Trip Report**

SAMPLING TRIP REPORT

SITE NAME: Circuitron Corporation Site

SAMPLING DATE: February 21 thru February 25, 1994

EPA CASE/SAS NO.: 21666/8018-Q02 (Organic) & 21667 (Inorganic)

1. SITE LOCATION: East Farmingdale, New York

2. SAMPLE DESCRIPTIONS: See Table 1

3. LABORATORIES RECEIVING SAMPLES:

SAMPLE TYPE	NAME AND ADDRESS OF LABORATORY
Organic	RECRA Environmental, Inc., 10 Hazel Wood Drive Amherst N.Y. 14228-2298 (716) 691-2600
Inorganic	Silver Valley Lab. 1 Government Gulch Kellogg, ID 83837 (208) 784-1258

4. SAMPLE DISPATCH DATA: Three (3) aqueous samples for Lower Detection Limits (LDL) TCL volatile organic analysis were shipped to RECRA Env. on 2-21-94 at 1730 hours via Federal Express (Airbill No. 1625549995).

   Two (2) aqueous samples for TAL total metals and three (3) aqueous samples for TAL dissolved metals analysis were shipped to Silver Valley on 2-21-94 at 1730 hours via Federal Express (Airbill No. 1625549936).

   Eight (8) aqueous samples for LDL TCL volatile organic analysis were shipped to RECRA Env. on 2-22-94 at 1800 hours via Federal Express (Airbill No. 1625550032).

   Seven (7) aqueous samples for TAL total metals and eight (8) aqueous samples for TAL dissolved metals analysis were shipped to Silver Valley on 2-22-94 at 1800 hours via Federal Express (Airbill No. 1625549973).

Six (6) aqueous samples for LDL TCL volatile organic analysis were shipped to RECRA Env. on 2-23-94 at 1700 hours via Federal Express (Airbill No. 1625550006).

Five (5) aqueous samples for TAL total metals and six (6) aqueous samples for TAL dissolved metals analysis were shipped to Silver Valley on 2-23-94 at 1700 hours via Federal Express (Airbill No. 1625549984).

Seven (7) aqueous samples for LDL TCL volatile organic analysis were shipped to RECRA Env. on 2-24-94 at 1700 hours via Federal Express (Airbill No. 1625550021).

Six (6) aqueous samples for TAL Total metals and seven (7) aqueous samples for TAL dissolved metals analysis were shipped to Silver Valley on 2-24-94 at 1700 hours via Federal Express (Airbill No. 1625549951).

Three (3) aqueous samples for LDL TCL volatile organic analysis were shipped to RECRA Env. on 2-25-94 at 1200 hours via Federal Express (Airbill No. 1625550010).

Two (2) aqueous samples for TAL Total metals and three (3) aqueous samples for TAL dissolved metals analysis were shipped to Silver Valley on 2-25-94 at 1200 hours via Federal Express (Airbill No. 1625549940).

5. SAMPLING PERSONNEL:

Name	Organization	Duties on Site
S. Klepacki	Roy F. Weston of New York, Inc.	Sample Coordinator/ Sampler
D. Koopman	Roy F. Weston of New York, Inc.	Sampler
C. Guder	Roy F. Weston of New York, Inc.	Sampler
G. Giusti	Roy F. Weston of New York, Inc.	Sampler

6. ADDITIONAL COMMENTS: All organic samples will be analyzed for Lower Detection Limits (LDL) TCL Volatiles. All sample preservation was done in the field and pH was checked to ensure correct levels. TAL dissolved metal samples were preserved after filtration. A total of forty-nine (49) samples were shipped to Silver Valley to complete case 21667, and a total of twenty-seven (27) samples were shipped to RECRA Environmental to complete Case/SAS 21666/8018-Q02. It should be noted that on 2/21 and 2/22 organic samples were shipped as case 21660 instead of case 21666, on 2/23, 2/24, and 2/25 this error was corrected and samples were shipped under case number 21666.

7. Report Prepared By: _____ Date: _____

8. Report Approved By: _____ Date: _____

TABLE 1

SAMPLE DESCRIPTION
CIRCUITRON CORPORATION SITE
EAST FARMINGDALE, NEW YORK

CASE / SAS NO. 21666/8018-Q02 (ORGANIC) & 21667 (INORGANIC)

	Traffic Report Nos.						
Sample Number	Organic (LDL VOA)	Inorganic (TAL Metals)	Inorganic (Diss. Metals)	Date Collected	Time Collected	Sample Type	Sample Location
MW-4D-02	8018-Q02-01	MBKS12	MBKS16	2-21-94	1300	Aqueous	MW-4D
MW-TB022194	8018-Q02-02	—	—	2-21-94	—	Aqueous	Trip blank
MW-4S-02	8018-Q02-03	MBKS11	MBKS15	2-21-94	1530	Aqueous	MW-4S
MW-FB022194-02	—	—	MBJM73	2-21-94	1600	Aqueous	Field blank-filter
MW-2S-02	8018-Q02-04	MBKS13	MBKS17	2-22-94	1040	Aqueous	MW-2S
MW-FB022294-01	8018-Q02-05	MBJM71	MBJM72	2-22-94	1645	Aqueous	Field blank-sub. pump
PW-2-02	8018-Q02-06	MBJM74	MBJM75	2-22-94	1130	Aqueous	House of plastics
MW-TB022294	8018-Q02-07	—	—	2-22-94	—	Aqueous	Trip blank
MW-1S-02	8018-Q02-08	MBJM76	MBJM77	2-22-94	1300	Aqueous	MW-1S
MW-3D-02	8018-Q02-09	MBJM79	MBJM80	2-22-94	1630	Aqueous	MW-3D
MW-3S-02	8018-Q02-10	MBJM83	MBJM84	2-22-94	1730	Aqueous	MW-3S (MS/MD)
MW-3D-02-DUP	8018-Q02-11	MBJM81	MBJM82	2-22-94	1630	Aqueous	MW-3D (Duplicate)
MW-FB022294-02	—	—	MBJM78	2-22-94	1700	Aqueous	Field blank - filter
MW-1D-02	8018-Q02-12	MBJM85	MBJM86	2-23-94	0930	Aqueous	MW-1D
MW-5S-02	8018-Q02-13	MBJM87	MBJM88	2-23-94	1230	Aqueous	MW-5S
MW-5D-02	8018-Q02-14	MBJM89	MBJM90	2-23-94	1230	Aqueous	MW-5D
MW-TB022394	8018-Q02-15	—	—	2-23-94	—	Aqueous	Trip blank
MW-FB022394-01	8018-Q02-16	MBJM91	MBJM92	2-23-94	1400	Aqueous	Field blank- sub. pump
MW-7D-02	8018-Q02-17	MBJM94	MBJM95	2-23-94	1630	Aqueous	MW-7D
MW-FB022394-02	—	—	MBJM93	2-23-94	1600	Aqueous	Field blank-filter

Sample Number	Traffic Report Nos. Organic (LDL VOA)	Inorganic (TAL Metals)	Inorganic (Diss. Metals)	Date Collected	Time Collected	Sample Type	Sample Location
MW-TB022494	8018-Q02-18	—	—	2-24-94	—	Aqueous	Trip blank
MW-6S-02	8018-Q02-19	MBJM96	MBJM97	2-24-94	0935	Aqueous	MW-6S
MW-6D-02	8018-Q02-20	MBJM98	MBJM99	2-24-94	0930	Aqueous	MW-6D
MW-7S-02	8018-Q02-21	MBKT62	MBKT63	2-24-94	1145	Aqueous	MW-7S
MW-FB022494-01	8018-Q02-22	MBKT64	MBKT65	2-24-94	1030	Aqueous	Field blank sub. pump.
PD-1-02	8018-Q02-23	MBKT67	MBKT68	2-24-94	1410	Aqueous	Price-Driscoll
MW-2D-02	8018-Q02-24	MBKS14	MBJM70	2-24-94	1545	Aqueous	MW-2D
MW-FB022494-02	—	—	MBKT66	2-24-94	1530	Aqueous	Field blank-filter
MW-TB022594	8018-Q02-25	—	—	2-25-94	—	Aqueous	Trip blank
MW-13-02	8018-Q02-26	MBKT69	MBKT70	2-25-94	0930	Aqueous	MW-13
MW-14-02	8018-Q02-27	MBKT71	MBKT72	2-25-94	1045	Aqueous	MW-14
MW-FB022594-02	—	—	MBKT73	2-25-94	1100	Aqueous	Field blank filter

- **Round II Analytical Data, February 21 - 25, 1994 Volatile Organic Compounds**

0145

EPA SAMPLE NO

Q0201

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 3018HQ SDG No.: Q0201

Lab Sample ID: A4065801 Date Received: 02/22/94

Lab File ID: J7963 Date Analyzed: 02/22/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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 ~~0.06~~	~~J~~ U
67-64-1	Acetone	5	~~U~~ K
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	36 ~~39~~	~~E~~
75-34-3	1,1-Dichloroethane	11	
156-59-2	cis-1,2-Dichloroethene	6	
156-60-5	trans-1,2-Dichloroethene	0.2	J
67-66-3	Chloroform	3	
107-06-2	1,2-Dichloroethane	2	
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	246 ~~210~~	~~E~~ J
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-dichloropropene	1	U
79-01-6	Trichloroethene	~~42~~ ~~35~~	~~E~~
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	0.7	J
106-93-4	1,2-Dibromoethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-dichloropropene	1	UJ
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	38 ~~49~~	~~E~~
74-97-5	Bromochloromethane	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
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

0146

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Q0201

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 3018HQ SDG No.: Q0201

Lab Sample ID: A4065801

Lab File ID: J7963

Purge Volume: 25.00

Date Received: 02/22/94

Date Analyzed: 02/22/94

Dilution Factor: 1.0

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	UNKNOWN	4.48	3.4	J½
2.	2-BUTANONE, 3-METHOXY-3-METH	6.62	4.3	J

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Q0202 TB

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4065802 Date Received: 02/22/94

Lab File ID: J7962 Date Analyzed: 02/22/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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	3	
67-64-1	Acetone	3	J
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	0.2	J
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
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
106-93-4	1,2-Dibromoethane	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
74-97-5	Bromochloromethane	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
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.: Q0202

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4065802 Date Received: 02/22/94

Lab File ID: J7962 Date Analyzed: 02/22/94

Purge Volume: 25.00 Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

0193

EPA SAMPLE NO

ILCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Q0203
MW-4S

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4065803 Date Received: 02/22/94

Lab File ID: J7964 Date Analyzed: 02/22/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	0.2	J
75-00-3	Chloroethane	2	
75-09-2	Methylene Chloride	2 ~~0.9~~	~~J~~ 1
67-64-1	Acetone	5	~~B~~ K
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	2	
75-34-3	1,1-Dichloroethane	18 ~~33~~	~~E~~
156-59-2	cis-1,2-Dichloroethene	1	
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1 ~~0.4~~	~~J~~ U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	~~640~~	~~E~~ J
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-dichloropropene	1	U
79-01-6	Trichloroethene	1	
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
106-93-4	1,2-Dibromoethane	1	U
71-43-2	Benzene	0.1	J
10061-02-6	trans-1,3-dichloropropene	1	UJ
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	22 ~~35~~	~~E~~
74-97-5	Bromochloromethane	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	0.06	J
108-90-7	Chlorobenzene	0.7	J
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	0.1	J
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Q0203

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4065803

Lab File ID: J7964

Purge Volume: 25.00

Date Received: 02/22/94

Date Analyzed: 02/22/94

Dilution Factor: 1.0

Number TICs found: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	UNKNOWN	2.82	0.72	JN
2. 75-69-4	TRICHLOROMONOFLUROMETHANE	4.05	1.3	JN
3.	UNKNOWN	6.62	7.1	JN
4. 1495-18-7	FLUOROTHIOPHENE	8.10	15	JN
5.	UNKNOWN	11.80	0.25	JN

LLCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Q0204
MW-2S

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4067501 Date Received: 02/23/94

Lab File ID: J7982 Date Analyzed: 02/23/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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	2	J
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	0.5	J
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-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	2	J
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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	UJ
79-00-5	1,1,2-Trichloroethane	1	U
106-93-4	1,2-Dibromoethane	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
74-97-5	Bromochloromethane	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
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	0.1	J
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

0233

EPA SAMPLE NO.

Q0204

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4067501

Lab File ID: J7982

Purge Volume: 25.00

Date Received: 02/23/94

Date Analyzed: 02/23/94

Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

0244

EPA SAMPLE NO.

Q0205 FB

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 3018HQ SDG No.: 00201

Lab Sample ID: A4067502 Date Received: 02/23/94

Lab File ID: J7976 Date Analyzed: 02/23/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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	
67-64-1	Acetone	5	BR
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	0.1	J
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	UJ
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	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
74-97-5	Bromochloromethane	1	UJ
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
100-42-5	Styrene	0.07	J
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	0.08	J
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

0245

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO

Q0205

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HO SDG No.: Q0201

Lab Sample ID: A4067502

Lab File ID: J7976

Purge Volume: 25.00

Date Received: 02/23/94

Date Analyzed: 02/23/94

Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

0256
EPA SAMPLE NO.

ILCA
LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Q0206
pw-2

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HO SDG No.: Q0201

Lab Sample ID: A4067503 Date Received: 02/23/94

Lab File ID: J7977 Date Analyzed: 02/23/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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	2300 ~~270~~	~~B~~ J
75-15-0	Carbon Disulfide	2	
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-2	cis-1,2-Dichloroethene	0.3	J
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	0.1	J
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	6	J
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-dichloropropene	1	U
79-01-6	Trichloroethene	0.1	J
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
106-93-4	1,2-Dibromoethane	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
74-97-5	Bromochloromethane	1	U J
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	0.1	J
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	0.09	J
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	0.7	J
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

ILCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0257
EPA SAMPLE NO

Q0206

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4067503

Lab File ID: J7977

Date Received: 02/23/94

Date Analyzed: 02/23/94

Purge Volume: 25.00

Dilution Factor: 1.0

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	UNKNOWN KETONE	17.87	3.1	J

028

ILCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

Q0207 TL TB

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 3018HQ SDG No.: Q0201

Lab Sample ID: A4067504 Date Received: 02/23/94

Lab File ID: J7975 Date Analyzed: 02/23/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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	3	
67-64-1	Acetone	5	~~U~~ R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	0.2	J
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	UJ
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	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
74-97-5	Bromochloromethane	1	UJ
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
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0287

EPA SAMPLE NO.

Q0207

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4067504

Lab File ID: J7975

Purge Volume: 25.00

Date Received: 02/23/94

Date Analyzed: 02/23/94

Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

ILCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Q0208
mw-15

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 3018HQ SDG No.: Q0201

Lab Sample ID: A4067505 Date Received: 02/23/94

Lab File ID: J7981 Date Analyzed: 02/23/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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	0.2	J
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	3	J
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	0.7	J
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-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	0.4	J
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	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
74-97-5	Bromochloromethane	1	UJ
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	0.7	J
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	0.2	J
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

0297

EPA SAMPLE NO

Q0208

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4067505

Lab File ID: J7981

Purge Volume: 25.00

Date Received: 02/23/94

Date Analyzed: 02/23/94

Dilution Factor: 1.0

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	CHLOROFLUOROHYDROCARBON	3.35	2.6	J
2.	UNKNOWN	4.50	77	JN
3.	UNKNOWN	6.67	1.7	JN

0313

EPA SAMPLE NO

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Q0209
mw-3D

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HO SDG No.: Q0201

Lab Sample ID: A4067506 Date Received: 02/23/94

Lab File ID: J7978 Date Analyzed: 02/23/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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~~ K
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	9	
75-34-3	1,1-Dichloroethane	4	
156-59-2	cis-1,2-Dichloroethene	1	
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1 ~~0.6~~	~~J~~ U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	37 ~~35~~	~~E~~ J
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-dichloropropene	1	U
79-01-6	Trichloroethene	17	
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
106-93-4	1,2-Dibromoethane	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	7	
74-97-5	Bromochloromethane	1	UJ
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
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	0.1	J
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

LLCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0314

EPA SAMPLE NO

Q0209

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 9018HQ SDG No.: Q0201

Lab Sample ID: A4067506

Date Received: 02/23/94

Lab File ID: J7978

Date Analyzed: 02/23/94

Purge Volume: 25.00

Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Q0210
mw-3S

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HO SDG No.: Q0201

Lab Sample ID: A4067507 Date Received: 02/23/94

Lab File ID: J7980 Date Analyzed: 02/23/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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	3	~~J~~ K
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	2	
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-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	6	J
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-dichloropropene	1	U
79-01-6	Trichloroethene	0.05	J
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
106-93-4	1,2-Dibromoethane	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	0.2	J
74-97-5	Bromochloromethane	1	UJ
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
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

ILCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0344

EPA SAMPLE N

Q0210

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HO SDG No.: Q0201

Lab Sample ID: A4067507

Lab File ID: J7980 Date Received: 02/23/94

Purge Volume: 25.00 Date Analyzed: 02/23/94

Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

0356

EPA SAMPLE NO

ILCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Q0211
MW-3D Dup

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HO SDG No.: Q0201

Lab Sample ID: A4067508 Date Received: 02/23/94

Lab File ID: J7979 Date Analyzed: 02/23/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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	~~B~~K
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	8	
75-34-3	1,1-Dichloroethane	4	
156-59-2	cis-1,2-Dichloroethene	1	
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1 ~~0.6~~	~~J~~U
107-06-2	1,2-Dichloroethane	0.1	J
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	34 ~~34~~	~~B~~J
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-dichloropropene	1	U
79-01-6	Trichloroethene	16	
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
106-93-4	1,2-Dibromoethane	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	7	
74-97-5	Bromochloromethane	1	UJ
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
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	0.1	J
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Q0211

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4067508

Lab File ID: J7979 Date Received: 02/23/94

Purge Volume: 25.00 Date Analyzed: 02/23/94

Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

0388

EPA SAMPLE NO

Q0212
mw-1D

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HO SDG No.: Q0201

Lab Sample ID: A4069701 Date Received: 02/24/94

Lab File ID: J8004 Date Analyzed: 02/25/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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~~ K
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	4 ~~36~~	~~E~~
75-34-3	1,1-Dichloroethane	6	
156-59-2	cis-1,2-Dichloroethene	4	
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	0.5	J
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	99 ~~180~~	~~E~~
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-dichloropropene	1	U
79-01-6	Trichloroethene	32 ~~150~~	~~E~~
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	0.7	J
106-93-4	1,2-Dibromoethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-dichloropropene	1	UJ
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	18	
74-97-5	Bromochloromethane	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
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	UJ

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO

Q0212

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4069701

Lab File ID: J8004 Date Received: 02/24/94

Purge Volume: 25.00 Date Analyzed: 02/25/94

Dilution Factor: 1.0

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1. 354-23-4	ETHANE, 1,2-DICHLORO-1,1,	4.08	2.0	JN
2. 76-13-1	ETHANE, 1,1,2-TRICHLORO-1	4.92	1.2	JN
3.	UNKNOWN KETONE	6.72	3.6	JN

0424

EPA SAMPLE NO

ILCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Q0213

mw-SS

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HO SDG No.: Q0201

Lab Sample ID: A4069702 Date Received: 02/24/94

Lab File ID: J7996 Date Analyzed: 02/25/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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~~ K
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-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	27 ~~36~~	~~E~~
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-dichloropropene	1	U
79-01-6	Trichloroethene	0.09	J
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
106-93-4	1,2-Dibromoethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-dichloropropene	1	UJ
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	
74-97-5	Bromochloromethane	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
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	UJ

0425

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Q0213

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4069702

Lab File ID: J7996

Purge Volume: 25.00

Date Received: 02/24/94

Date Analyzed: 02/25/94

Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

0447

EPA SAMPLE NO

Q0214
mw-SD

ILCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HO SDG No.: 00201

Lab Sample ID: A4069703 Date Received: 02/24/94

Lab File ID: J7995 Date Analyzed: 02/25/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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~~K
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	2	
75-34-3	1,1-Dichloroethane	0.4	J
156-59-2	cis-1,2-Dichloroethene	0.4	J
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1 ~~0.9~~	~~J~~U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	17	
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-dichloropropene	1	U
79-01-6	Trichloroethene	1	
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
106-93-4	1,2-Dibromoethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-dichloropropene	1	UJ
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	
74-97-5	Bromochloromethane	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
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	0.06	J
96-12-8	1,2-Dibromo-3-Chloropropane	1	UJ

0448

ILCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Q0214

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4069703

Date Received: 02/24/94

Lab File ID: J7995

Date Analyzed: 02/25/94

Purge Volume: 25.00

Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

0463

EPA SAMPLE N

Q0215 TB

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4069704 Date Received: 02/24/94

Lab File ID: J7993 Date Analyzed: 02/25/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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	3	
67-64-1	Acetone	3	J
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	0.3	J
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
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
106-93-4	1,2-Dibromoethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-dichloropropene	1	UJ
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
74-97-5	Bromochloromethane	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
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	UJ

0464

EPA SAMPLE NO.

Q0215

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 3018HQ SDG No.: Q0201

Lab Sample ID: A4069704

Date Received: 02/24/94

Lab File ID: J7993

Date Analyzed: 02/25/94

Purge Volume: 25.00

Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

0475

EPA SAMPLE NO

Q0216 FB

ILCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4069705 Date Received: 02/24/94

Lab File ID: J7994 Date Analyzed: 02/25/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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	3	
67-64-1	Acetone	5	BK
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	0.3	J
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
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
106-93-4	1,2-Dibromoethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-dichloropropene	1	UJ
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
74-97-5	Bromochloromethane	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
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	UJ

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.: Q0216

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HO SDG No.: Q0201

Lab Sample ID: A4069705

Date Received: 02/24/94

Lab File ID: J7994

Date Analyzed: 02/25/94

Purge Volume: 25.00

Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

0519

EPA SAMPLE NO

Q0218 TB

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4071801 Date Received: 02/25/94

Lab File ID: J8011 Date Analyzed: 02/28/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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	
67-64-1	Acetone	5	~~U~~ K
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	0.2	J
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	UJ
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	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
74-97-5	Bromochloromethane	1	UJ
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	0.1	J
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

0520

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Q0218

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4071801

Lab File ID: J8011

Purge Volume: 25.00

Date Received: 02/25/94

Date Analyzed: 02/28/94

Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

ILCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Q0217
MW-7D

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4069706 Date Received: 02/24/94

Lab File ID: J7997 Date Analyzed: 02/25/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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~~ K
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	22	
75-34-3	1,1-Dichloroethane	2	
156-59-2	cis-1,2-Dichloroethene	2	
156-60-5	trans-1,2-Dichloroethene	0.05	J
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	0.5	J
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	120 ~~140~~	~~E~~
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-dichloropropene	1	U
79-01-6	Trichloroethene	16	
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
106-93-4	1,2-Dibromoethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-dichloropropene	1	UJ
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	23 ~~30~~	~~E~~
74-97-5	Bromochloromethane	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
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	UJ

0486

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Q0217

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 3018HQ SDG No.: Q0201

Lab Sample ID: A4069706

Lab File ID: J7997

Purge Volume: 25.00

Date Received: 02/24/94

Date Analyzed: 02/25/94

Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

0530

EPA SAMPLE NO

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Q0219
mw-6S

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4071802 Date Received: 02/25/94

Lab File ID: J8013 Date Analyzed: 02/28/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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~~K
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	0.6	J
75-34-3	1,1-Dichloroethane	13	
156-59-2	cis-1,2-Dichloroethene	1	
156-60-5	trans-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	110 ~~170~~	~~B~~J
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-dichloropropene	1	U
79-01-6	Trichloroethene	0.7	J
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
106-93-4	1,2-Dibromoethane	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	2	
74-97-5	Bromochloromethane	1	UJ
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	0.5	J
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	0.06	J
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0531

EPA SAMPLE NO.

Q0219

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0201

Lab Sample ID: A4071802

Lab File ID: J8013

Date Received: 02/25/94

Date Analyzed: 02/28/94

Purge Volume: 25.00

Dilution Factor: 1.0

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	UNKNOWN	4.48	27	JN
2.	UNKNOWN KETONE	6.67	6.9	JN

0560

EPA SAMPLE NO

Q0220
mw-6D

ILCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: 00201

Lab Sample ID: A4071803 Date Received: 02/25/94

Lab File ID: J8014 Date Analyzed: 02/28/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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 ~~0.07~~	~~B~~U
67-64-1	Acetone	5	~~B~~R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	58	E
75-34-3	1,1-Dichloroethane	4	
156-59-2	cis-1,2-Dichloroethene	8	
156-60-5	trans-1,2-Dichloroethene	0.3	J
67-66-3	Chloroform	2	
107-06-2	1,2-Dichloroethane	2	
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	420 ~~260~~	~~E~~J
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-dichloropropene	1	U
79-01-6	Trichloroethene	43 ~~71~~	~~E~~
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	
106-93-4	1,2-Dibromoethane	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	37 ~~56~~	~~E~~
74-97-5	Bromochloromethane	1	UJ
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
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	0.03	J
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

ILCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Q0220

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HO SDG No.: Q0201

Lab Sample ID: A4071803

Date Received: 02/25/94

Lab File ID: J8014

Date Analyzed: 02/28/94

Purge Volume: 25.00

Dilution Factor: 1.0

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	UNKNOWN	4.05	1.0	JN
2. 76-12-0	ETHANE, 1,1,2,2-TETRACHLORO-	12.80	0.95	JN

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Q0221
mw-75

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0221

Lab Sample ID: A4071901 Date Received: 02/25/94

Lab File ID: J8015 Date Analyzed: 02/28/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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	1	U
67-64-1	Acetone	2	U
75-15-0	Carbon Disulfide	5	J
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	1	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	1	UJ
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	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	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	5	U
74-97-5	Bromochloromethane	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	UJ
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Q0221

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: 00221

Lab Sample ID: A4071901

Date Received: 02/25/94

Lab File ID: J8015

Date Analyzed: 02/28/94

Purge Volume: 25.00

Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

ILCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Q0222 FB

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0221

Lab Sample ID: A4071902 Date Received: 02/25/94

Lab File ID: J8012 Date Analyzed: 02/28/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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	
67-64-1	Acetone	5	~~U~~ R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	0.3	J
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	UJ
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	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
74-97-5	Bromochloromethane	1	UJ
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
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Q0222

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0221

Lab Sample ID: A4071902

Date Received: 02/25/94

Lab File ID: J8012

Date Analyzed: 02/28/94

Purge Volume: 25.00

Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

0102

EPA SAMPLE NO.

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Q0223 PD-1

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HO SDG No.: Q0221

Lab Sample ID: A4071903 Date Received: 02/25/94

Lab File ID: J8017 Date Analyzed: 02/28/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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	0.1	J
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	J
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	0.3	J
156-59-2	cis-1,2-Dichloroethene	0.08	J
156-60-5	trans-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	UJ
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	1	U
71-43-2	Benzene	0.4	J
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
74-97-5	Bromochloromethane	1	UJ
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	3	
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	0.09	J
106-46-7	1,4-Dichlorobenzene	0.4	J
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0103
EPA SAMPLE NO.

Q0223

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 3018HQ SDG No.: Q0221

Lab Sample ID: A4071903

Lab File ID: J8017

Purge Volume: 25.00

Date Received: 02/25/94

Date Analyzed: 02/28/94

Dilution Factor: 1.0

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	UNKNOWN CHLOROFLUOROCARBON	3.37	9.9	JN
2.	UNKNOWN	4.52	45	JN

0121

EPA SAMPLE NO.

Q0224
mw-2D

1LCA
LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0221

Lab Sample ID: A4071904 Date Received: 02/25/94

Lab File ID: J8016 Date Analyzed: 02/28/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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	J
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	3	
75-34-3	1,1-Dichloroethane	1	
156-59-2	cis-1,2-Dichloroethene	3	
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	2	
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	23	J
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-dichloropropene	1	U
79-01-6	Trichloroethene	7	
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
106-93-4	1,2-Dibromoethane	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	4	
74-97-5	Bromochloromethane	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
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Q0224

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0221

Lab Sample ID: A4071904

Date Received: 02/25/94

Lab File ID: J8016

Date Analyzed: 02/28/94

Purge Volume: 25.00

Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

0138

EPA SAMPLE NO.

Q0225 TB

ILCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: 00221

Lab Sample ID: A4072401 Date Received: 02/26/94

Lab File ID: J8035 Date Analyzed: 03/01/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	UJ
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	3	
67-64-1	Acetone	5	BR
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	0.3	J
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
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
106-93-4	1,2-Dibromoethane	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
74-97-5	Bromochloromethane	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
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

0139

EPA SAMPLE NO

Q0225

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0221

Lab Sample ID: A4072401 Date Received: 02/26/94

Lab File ID: J8035 Date Analyzed: 03/01/94

Purge Volume: 25.00 Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

0148

EPA SAMPLE NO

ILCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

Q0226 MW-13

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0221

Lab Sample ID: A4072402 Date Received: 02/26/94

Lab File ID: J8036 Date Analyzed: 03/01/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	0.5	J
75-00-3	Chloroethane	0.4	J
75-09-2	Methylene Chloride	2 ~~0.4~~	~~J~~ U
67-64-1	Acetone	5	~~B~~ R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	6	
75-34-3	1,1-Dichloroethane	52 ~~69~~	~~E~~
156-59-2	cis-1,2-Dichloroethene	2	
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1 ~~0.1~~	~~J~~ U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	3000 ~~470~~	~~E~~
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-dichloropropene	1	U
79-01-6	Trichloroethene	4	
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
106-93-4	1,2-Dibromoethane	1	U
71-43-2	Benzene	0.06	J
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	18 ~~31~~	~~E~~
74-97-5	Bromochloromethane	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	0.4	J
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

FORM I VOA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.: Q0226

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0221

Lab Sample ID: A4072402

Lab File ID: J8036

Purge Volume: 25.00

Date Received: 02/26/94

Date Analyzed: 03/01/94

Dilution Factor: 1.0

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	UNKNOWN	4.53	170	J
2. 62108-41-2	PENTANE, 2-METHOXY-2,4,4-TRI	6.67	87	JN

LLCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

Q0227
mw-14

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HO SDG No.: Q0221

Lab Sample ID: A4072403 Date Received: 02/26/94

Lab File ID: J8037 Date Analyzed: 03/01/94

Purge Volume: 25.00 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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~~ R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	
75-34-3	1,1-Dichloroethane	14	
156-59-2	cis-1,2-Dichloroethene	0.9	J
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1 ~~0.2~~	~~J~~ U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	50 ~~59~~	~~E~~
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-dichloropropene	1	U
79-01-6	Trichloroethene	3	
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
106-93-4	1,2-Dibromoethane	1	U
71-43-2	Benzene	0.3	J
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	
74-97-5	Bromochloromethane	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	0.4	J
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
1330-20-7	Total Xylenes	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	U

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Q0227

Lab Name: RECRA ENVIRON Contract: 68D90135

Lab Code: RECNY Case No.: 21666 SAS No.: 8018HQ SDG No.: Q0221

Lab Sample ID: A4072403

Lab File ID: J8037

Purge Volume: 25.00

Date Received: 02/26/94

Date Analyzed: 03/01/94

Dilution Factor: 1.0

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	UNKNOWN	4.52	15	JN
2.	UNKNOWN	6.67	460	JN

- **Round II Analytical Data, February 21 - 25, 1994 Inorganic Compounds**

ROY F. WESTON INC.

INORGANIC DATA SUMMARY REPORT 03/04/94

CLIENT: USEPA-CIRCUITRON

WESTON BATCH #: 9402L637

WORK ORDER: 04200-015-021-0002-01

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	DILUTION FACTOR
-001	MW-45-02	Alkalinity	120		MG/L	10.0	1.0
		Hardness	122		MG/L	4.0	1.0
		Total Dissolved Solids	162		MG/L	5.0	1.0
		Total Suspended Solids	39.0		MG/L	5.0	1.0
-002	MW-25-02	Alkalinity	110		MG/L	10.0	1.0
		Hardness	149		MG/L	4.0	1.0
		Total Dissolved Solids	152		MG/L	5.0	1.0
		Total Suspended Solids	166		MG/L	5.0	1.0
-003	MW-FB022294-01	Alkalinity	0.50	u	MG/L	0.50	1.0
		Hardness	1.0	u	MG/L	1.0	1.0
		Total Dissolved Solids	5.0	u	MG/L	5.0	1.0
		Total Suspended Solids	5.0	u	MG/L	5.0	1.0
-004	MW-15-02	Alkalinity	240		MG/L	10.0	1.0
		Hardness	218		MG/L	2.0	1.0
		Total Dissolved Solids	284		MG/L	5.0	1.0
		Total Suspended Solids	90.0		MG/L	10.0	1.0
-005	MW-35-02	Alkalinity	68.0		MG/L	2.0	1.0
		Hardness	125		MG/L	4.0	1.0
		Total Dissolved Solids	123		MG/L	5.0	1.0
		Total Suspended Solids	370		MG/L	10.0	1.0

ROY F. WESTON INC.

INORGANIC METHOD BLANK DATA SUMMARY PAGE 03/04/94

CLIENT: USEPA-CIRCUITRON

WORK ORDER: 04200-015-021-0002-01

WESTON BATCH #: 9402L637

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	DILUTION FACTOR
BLANK10	94LAL009-MB1	Alkalinity	0.50	u	MG/L	0.50	1.0
BLANK20	94LAL009-MB2	Alkalinity	0.50	u	MG/L	0.50	1.0
BLANK10	94LHD007-MB1	Hardness	1.0	u	MG/L	1.0	1.0
BLANK20	94LHD007-MB2	Hardness	1.0	u	MG/L	1.0	1.0
BLANK10	94LSS037-MB1	Total Dissolved Solids	5.0	u	MG/L	5.0	1.0
		Total Suspended Solids	5.0	u	MG/L	5.0	1.0

ROY F. WESTON INC.

INORGANIC DATA SUMMARY REPORT 03/05/94

CLIENT: USEPA-CIRCUITRON

WESTON BATCH #: 9402L674

WORK ORDER: 04200-015-021-0002-01

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	DILUTION FACTOR
-001	MW-5S-02	Alkalinity	64.0		MG/L	2.0	1.0
		Hardness	96.2		MG/L	1.0	1.0
		Total Dissolved Solids	176		MG/L	5.0	1.0
		Total Suspended Solids	10.0		MG/L	5.0	1.0
-002	MW-FB022394-01	Alkalinity	0.50	u	MG/L	0.50	1.0
		Hardness	1.0	u	MG/L	1.0	1.0
		Total Dissolved Solids	7.0		MG/L	5.0	1.0
		Total Suspended Solids	5.0	u	MG/L	5.0	1.0
-003	MW-6S-02	Alkalinity	42.0		MG/L	2.0	1.0
		Hardness	74.9		MG/L	1.0	1.0
		Total Dissolved Solids	130		MG/L	5.0	1.0
		Total Suspended Solids	5.0	u	MG/L	5.0	1.0
-004	MW-7S-02	Alkalinity	2.0		MG/L	0.50	1.0
		Hardness	50.9		MG/L	1.0	1.0
		Total Dissolved Solids	107		MG/L	5.0	1.0
		Total Suspended Solids	6.0		MG/L	5.0	1.0
-005	MW-FB022494-01	Alkalinity	0.50	u	MG/L	0.50	1.0
		Hardness	1.0	u	MG/L	1.0	1.0
		Total Dissolved Solids	7.0		MG/L	5.0	1.0
		Total Suspended Solids	5.0	u	MG/L	5.0	1.0
-006	PD-1-02	Alkalinity	230		MG/L	10.0	1.0
		Hardness	273		MG/L	4.0	1.0
		Total Dissolved Solids	514		MG/L	5.0	1.0
		Total Suspended Solids	131		MG/L	5.0	1.0

ROY F. WESTON INC.

INORGANIC METHOD BLANK DATA SUMMARY PAGE 03/05/94

CLIENT: USEPA-CIRCUITRON

WORK ORDER: 04200-015-021-0002-01

WESTON BATCH #: 9402L674

SAMPLE	SITE ID	ANALYTE	RESULT		UNITS	REPORTING LIMIT	DILUTION FACTOR
BLANK10	94LAL009-MB1	Alkalinity	0.50	u	MG/L	0.50	1.0
BLANK20	94LAL009-MB2	Alkalinity	0.50	u	MG/L	0.50	1.0
BLANK10	94LHD008-MB1	Hardness	1.0	u	MG/L	1.0	1.0
BLANK20	94LHD008-MB2	Hardness	1.0	u	MG/L	1.0	1.0
BLANK10	94LSS039-MB1	Total Dissolved Solids	5.0	u	MG/L	5.0	1.0
		Total Suspended Solids	5.0	u	MG/L	5.0	1.0

ROY F. WESTON INC.

INORGANIC ACCURACY REPORT 03/05/94

CLIENT: USEPA-CIRCUITRON

WESTON BATCH #: 9402L674

WORK ORDER: 04200-015-021-0002-01

SAMPLE	SITE ID	ANALYTE	SPIKED SAMPLE	INITIAL RESULT	SPIKED AMOUNT	%RECOV	DILUTION FACTOR(SPK)
BLANK10	94LAL009-MB1	Alkalinity	98.0	0.50u	100	98.0	1.0
		Alkalinity MSD	100	0.50u	100	100	1.0
BLANK20	94LAL009-MB2	Alkalinity	96.0	0.50u	100	96.0	1.0
		Alkalinity MSD	380	0.50u	400	95.0	1.0
BLANK10	94LHD008-MB1	Hardness	328	1.0 u	330	99.3	1.0
		Hardness MSD	328	1.0 u	330	99.5	1.0
BLANK20	94LHD008-MB2	Hardness	40.6	1.0 u	40.0	101	1.0
BLANK10	94LSS039-MB1	Total Dissolved Solids	90.0	5.0 u	91.9	97.9	1.0
		Total Dissolved Solids	100	5.0 u	91.9	109	1.0
		Total Suspended Solids	90.0	5.0 u	91.9	97.9	1.0
		Total Suspended Solids	100	5.0 u	91.9	109	1.0

ROY F. WESTON INC.

INORGANIC DUPLICATE SPIKE REPORT 03/05/94

CLIENT: USEPA-CIRCUITRON

WESTON BATCH #: 9402L674

WORK ORDER: 04200-015-021-0002-01

SAMPLE	SITE ID	ANALYTE	SPIKE#1 %RECOV	SPIKE#2 %RECOV	%RPD
BLANK10	94LAL009-MB1	Alkalinity	98.0	100	2.0
BLANK20	94LAL009-MB2	Alkalinity	96.0	95.0	1.0
BLANK10	94LHD008-MB1	Hardness	99.3	99.5	0.24
BLANK10	94LSS039-MB1	Total Dissolved Solids	97.9	109	10.5
		Total Suspended Solids	97.9	109	10.5

ROY F. WESTON INC.

INORGANIC PRECISION REPORT 03/05/94

CLIENT: USEPA-CIRCUITRON

WESTON BATCH #: 9402L674

WORK ORDER: 04200-015-021-0002-01

SAMPLE	SITE ID	ANALYTE	INITIAL RESULT	REPLICATE	%RPD	DILUTION FACTOR(REP)
-006REP	PD-1-02	Total Dissolved Solids	514	527	2.5	1.0
		Total Suspended Solids	131	120	8.8	1.0

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
USEPA-CIRCUITRON

DATE RECEIVED: 02/25/94

RFW LOT # :9402L674

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
MW-5S-02						
ALKALINITY	001	W	94LAL009	02/23/94	03/02/94	03/02/94
HARDNESS	001	W	94LHD008	02/23/94	03/03/94	03/03/94
TOTAL DISSOLVED SOLI	001	W	94LSS039	02/23/94	02/28/94	03/01/94
TOTAL SUSPENDED SOLI	001	W	94LSS039	02/23/94	02/28/94	03/01/94
MW-FB022394-01						
ALKALINITY	002	W	94LAL009	02/23/94	03/02/94	03/02/94
HARDNESS	002	W	94LHD008	02/23/94	03/03/94	03/03/94
TOTAL DISSOLVED SOLI	002	W	94LSS039	02/23/94	02/28/94	03/01/94
TOTAL SUSPENDED SOLI	002	W	94LSS039	02/23/94	02/28/94	03/01/94
MW-6S-02						
ALKALINITY	003	W	94LAL009	02/24/94	03/02/94	03/02/94
HARDNESS	003	W	94LHD008	02/24/94	03/03/94	03/03/94
TOTAL DISSOLVED SOLI	003	W	94LSS039	02/24/94	02/28/94	03/01/94
TOTAL SUSPENDED SOLI	003	W	94LSS039	02/24/94	02/28/94	03/01/94
MW-7S-02						
ALKALINITY	004	W	94LAL009	02/24/94	03/02/94	03/02/94
HARDNESS	004	W	94LHD008	02/24/94	03/03/94	03/03/94
TOTAL DISSOLVED SOLI	004	W	94LSS039	02/24/94	02/28/94	03/01/94
TOTAL SUSPENDED SOLI	004	W	94LSS039	02/24/94	02/28/94	03/01/94
MW-FB022494-01						
ALKALINITY	005	W	94LAL009	02/24/94	03/02/94	03/02/94
HARDNESS	005	W	94LHD008	02/24/94	03/03/94	03/03/94
TOTAL DISSOLVED SOLI	005	W	94LSS039	02/24/94	02/28/94	03/01/94
TOTAL SUSPENDED SOLI	005	W	94LSS039	02/24/94	02/28/94	03/01/94
PD-1-02						
ALKALINITY	006	W	94LAL009	02/24/94	03/02/94	03/02/94

Roy F. Weston, Inc. - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
USEPA-CIRCUITRON

DATE RECEIVED: 02/25/94 RFW LOT # :9402L674

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
HARDNESS	006	W	94LHD008	02/24/94	03/03/94	03/03/94
TOTAL DISSOLVED SOLI	006	W	94LSS039	02/24/94	02/28/94	03/01/94
TOTAL DISSOLVED SOLI	006 REP	W	94LSS039	02/24/94	02/28/94	03/01/94
TOTAL SUSPENDED SOLI	006	W	94LSS039	02/24/94	02/28/94	03/01/94
TOTAL SUSPENDED SOLI	006 REP	W	94LSS039	02/24/94	02/28/94	03/01/94

LAB QC:

ALKALINITY	MB1	W	94LAL009	N/A	03/02/94	03/02/94
ALKALINITY	MB1 BS	W	94LAL009	N/A	03/02/94	03/02/94
ALKALINITY	MB1 BSD	W	94LAL009	N/A	03/02/94	03/02/94
ALKALINITY	MB2	W	94LAL009	N/A	03/02/94	03/02/94
ALKALINITY	MB2 BS	W	94LAL009	N/A	03/02/94	03/02/94
ALKALINITY	MB2 BSD	W	94LAL009	N/A	03/02/94	03/02/94
HARDNESS	MB1	W	94LHD008	N/A	03/03/94	03/03/94
HARDNESS	MB1 BS	W	94LHD008	N/A	03/03/94	03/03/94
HARDNESS	MB1 BSD	W	94LHD008	N/A	03/03/94	03/03/94
HARDNESS	MB2	W	94LHD008	N/A	03/03/94	03/03/94
HARDNESS	MB2 BS	W	94LHD008	N/A	03/03/94	03/03/94
TOTAL DISSOLVED SOLI	MB1	W	94LSS039	N/A	02/28/94	03/01/94
TOTAL DISSOLVED SOLI	MB1 BS	W	94LSS039	N/A	02/28/94	03/01/94
TOTAL DISSOLVED SOLI	MB1 BSD	W	94LSS039	N/A	02/28/94	03/01/94
TOTAL SUSPENDED SOLI	MB1	W	94LSS039	N/A	02/28/94	03/01/94
TOTAL SUSPENDED SOLI	MB1 BS	W	94LSS039	N/A	02/28/94	03/01/94
TOTAL SUSPENDED SOLI	MB1 BSD	W	94LSS039	N/A	02/28/94	03/01/94

ROY F. WESTON, INC.
LIONVILLE ANALYTICAL LABORATORY
ANALYTICAL CASE NARRATIVE

Client : USEPA-CIRCUITRON
RFW# : 9402L689

W.O. #: 04200-015-021-0002-01
Date Received: 02-26-94

INORGANIC

The following is a summary of the quality control results and a description of any problems encountered during the analysis of this batch of samples:

1. All sample holding times as required by the method were met.

2. All preparation blank results were below the required detection limits.

3. All laboratory control standards (blank spikes) were within the control limits of 80-120%. All %RPD were within the 20% guidance limit.

4. All calibration verification checks were within the required control limits of 90-110%. Calibration verification is performed using independent standards.

5. Replicate results are summarized on the Inorganic Precision Report contained within this document. All results were within the 20% RPD guidance limit.

6. The analytical methods applied by the laboratory, unless otherwise requested, for all inorganic analyses are derived from the USEPA Methods for Chemical Analysis of Water and Wastes (USEPA 600/4-79-020) and Standard Methods for the Examination of Water and Wastewater 16 ed.

J. Peter Hershey, Ph.D.
Laboratory Manager
Lionville Analytical Laboratory

3.7.94
Date

dlc\pas\i02-689

ROY F. WESTON, INC.
GLOSSARY OF TERMS - INORGANIC REPORTS

DATA QUALIFIERS

U - Indicates that the parameter was not detected at or above the reported limit. The associated numerical value is the sample detection limit.

* - Indicates that the original sample result is greater than 4x the spike amount added. The USEPA-CLP has determined that spike results on samples where this occurs may be unreliable and therefore, the control limits are not applicable.

ABBREVIATIONS

MB - Method or preparation blank.
MS - Matrix Spike.
MSD - Matrix Spike Duplicate.
REP - Sample Replicate.
LC - Indicates a method LCS or Blank Spike.
NC - Not calculable, result below the detection limit.

A suffix of -R or -S following these codes indicates a replicate or spike analysis respectively.

NOTES

For solid samples, all results are reported on a dry weight basis with the exception of Extractable Organic Halides, which are reported on a wet weight basis.

ROY F. WESTON INC.

INORGANIC DATA SUMMARY REPORT 03/04/94

CLIENT: USEPA-CIRCUITRON

WESTON BATCH #: 9402L689

WORK ORDER: 04200-015-021-0002-01

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT	DILUTION FACTOR
-001	MW-13-02	Alkalinity	72.0	MG/L	2.0	1.0
		Hardness	89.2	MG/L	1.0	1.0
		Total Dissolved Solids	134	MG/L	5.0	1.0
		Total Suspended Solids	113	MG/L	5.0	1.0
-002	MW-14-02	Alkalinity	64.0	MG/L	2.0	1.0
		Hardness	72.0	MG/L	1.0	1.0
		Total Dissolved Solids	138	MG/L	5.0	1.0
		Total Suspended Solids	50.0	MG/L	5.0	1.0

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. 3

MBJM71

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER Lab Sample ID: MBJM71

Level (low/med): LOW__ Date Received: 02/22/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P
7440-36-0	Antimony_	28.3	U		P
7440-38-2	Arsenic__	~~1.3~~	~~U~~	N	F
7440-39-3	Barium___	0.80	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium__	2.7	U		P
7440-70-2	Calcium__	26.4	B		P
7440-47-3	Chromium_	2.6	U		P
7440-48-4	Cobalt___	2.9	U		P
7440-50-8	Copper___	2.4	B		P
7439-89-6	Iron_____	28.9	B		P
7439-92-1	Lead_____	0.60	U	WN	F
7439-95-4	Magnesium	26.8	U		P
7439-96-5	Manganese	1.7	U		P
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P
7440-09-7	Potassium	348	U		P
7782-49-2	Selenium_	1.1	U		F
7440-22-4	Silver___	2.8	U		P
7440-23-5	Sodium___	33.7	B		P
7440-28-0	Thallium_	~~1.0~~	~~U~~	N	F
7440-62-2	Vanadium_	2.3	U		P
7440-66-6	Zinc_____	3.1	U		P
_____	Cyanide__				NR
_____	_____				

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

RINSATE

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. 4

MBJM72
DISSOLVED #B

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER Lab Sample ID: MBJM72

Level (low/med): LOW__ Date Received: 02/22/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.8	U		P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	1.3	U	N J	F
7440-39-3	Barium	0.80	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.7	U		P
7440-70-2	Calcium	70.4	B		P
7440-47-3	Chromium	2.6	U		P
7440-48-4	Cobalt	2.9	U		P
7440-50-8	Copper	2.4	U		P
7439-89-6	Iron	6.1	U		P
7439-92-1	Lead	0.60	U	WN	F
7439-95-4	Magnesium	26.8	U		P
7439-96-5	Manganese	1.7	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.8	U		P
7440-09-7	Potassium	348	U		P
7782-49-2	Selenium	1.1	U	W J	F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	129	B		P
7440-28-0	Thallium	1.0	U	N	F
7440-62-2	Vanadium	2.3	U		P
7440-66-6	Zinc	3.1	U		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
DISSOLVED_METALS
RINSATE

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPL

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: M

Matrix (soil/water): WATER Lab Sample ID: MBJM73

Level (low/med): LOW__ Date Received: 02/22/

% Solids: __0.0

MBJM73 DISSOLVED

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.8	U		P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	1.3	U	N J	F
7440-39-3	Barium	0.80	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.7	U		P
7440-70-2	Calcium	106	B		P
7440-47-3	Chromium	2.6	U		P
7440-48-4	Cobalt	2.9	U		P
7440-50-8	Copper	2.4	U		P
7439-89-6	Iron	6.1	U		P
7439-92-1	Lead	1.3	B	WN	P
7439-95-4	Magnesium	26.8	U		F
7439-96-5	Manganese	1.8	B		P
7439-97-6	Mercury	0.20	U		P
7440-02-0	Nickel	10.8	U		CV
7440-09-7	Potassium	348	U		P
7782-49-2	Selenium	1.1	U		P
7440-22-4	Silver	2.8	U		F
7440-23-5	Sodium	40.5	B		P
7440-28-0	Thallium	1.0	B	WN J	P
7440-62-2	Vanadium	2.3	U		F
7440-66-6	Zinc	3.1	U		P
	Cyanide				P
					NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
DISSOLVED_METALS
RINSATE

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U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM74

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER Lab Sample ID: MBJM74

Level (low/med): LOW__ Date Received: 02/22/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P
7440-36-0	Antimony_	28.3	U		P
7440-38-2	Arsenic__	1.3	U	N	F
7440-39-3	Barium___	40.7	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium__	2.7	U		P
7440-70-2	Calcium__	5260		J	P
7440-47-3	Chromium_	2.6	U		P
7440-48-4	Cobalt___	3.8	B		P
7440-50-8	Copper___	88.9			P
7439-89-6	Iron_____	174			P
7439-92-1	Lead_____	8.1		WN	F
7439-95-4	Magnesium	2420	B		P
7439-96-5	Manganese	22.9			P
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	41.4			P
7440-09-7	Potassium	1450	B		P
7782-49-2	Selenium_	1.1	U		F
7440-22-4	Silver___	2.8	U		P
7440-23-5	Sodium___	7670			P
7440-28-0	Thallium_	1.0	U	N	F
7440-62-2	Vanadium_	2.3	U		P
7440-66-6	Zinc_____	360			P
_____	Cyanide__				NR
_____	_____				

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM75
DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER Lab Sample ID: MBJM75

Level (low/med): LOW__ Date Received: 02/22/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P
7440-36-0	Antimony_	28.3	U		P
7440-38-2	Arsenic__	1.3	U	N	F
7440-39-3	Barium___	40.4	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium__	2.7	U		P
7440-70-2	Calcium__	5830			P
7440-47-3	Chromium_	2.6	U		P
7440-48-4	Cobalt___	2.9	U		P
7440-50-8	Copper___	71.9			P
7439-89-6	Iron_____	10.1	B		P
7439-92-1	Lead_____	2.0	B	WN	F
7439-95-4	Magnesium	2590	B		P
7439-96-5	Manganese	22.9			P
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P
7440-09-7	Potassium	1610	B		P
7782-49-2	Selenium_	1.1	U	W	F
7440-22-4	Silver___	2.8	U		P
7440-23-5	Sodium___	8440			P
7440-28-0	Thallium_	1.0	U	N	F
7440-62-2	Vanadium_	2.3	U		P
7440-66-6	Zinc_____	42.9			P
_____	Cyanide__				NR
_____					

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
DISSOLVED_METALS

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM76

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER Lab Sample ID: MBJM76

Level (low/med): LOW__ Date Received: 02/22/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	175	B		P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	~~8.0~~	~~B~~	~~N~~	F
7440-39-3	Barium	193	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.7	U		P
7440-70-2	Calcium	75100			P
7440-47-3	Chromium	7.7	B		P
7440-48-4	Cobalt	5.9	B		P
7440-50-8	Copper	17.8	B		P
7439-89-6	Iron	52600			P
7439-92-1	Lead	2.9	B	WN J	F
7439-95-4	Magnesium	5230			P
7439-96-5	Manganese	714			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.8	U		P
7440-09-7	Potassium	11100			P
7782-49-2	Selenium	1.1	U	W J	F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	19200		J	P
7440-28-0	Thallium	~~1.4~~	~~B~~	~~WN~~	F
7440-62-2	Vanadium	5.0	B		P
7440-66-6	Zinc	21.5			P
	Cyanide				NR

Color Before: YELLOW___ Clarity Before: CLOUDY Texture: _____

Color After: YELLOW___ Clarity After: CLOUDY Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM77
DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER Lab Sample ID: MBJM77

Level (low/med): LOW__ Date Received: 02/22/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.8	U		P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	9.8	B	NJ	F
7440-39-3	Barium	163	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.7	U		P
7440-70-2	Calcium	77600			P
7440-47-3	Chromium	2.6	U		P
7440-48-4	Cobalt	2.9	B		P
7440-50-8	Copper	5.5	B		P
7439-89-6	Iron	23200			P
7439-92-1	Lead	~~1.0~~	~~B~~	WN	F
7439-95-4	Magnesium	5580			P
7439-96-5	Manganese	679			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.8	U		P
7440-09-7	Potassium	15300		J	P
7782-49-2	Selenium	1.1	U		F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	23000		J	P
7440-28-0	Thallium	1.3	B	WNJ	F
7440-62-2	Vanadium	2.3	U		P
7440-66-6	Zinc	5.0	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
DISSOLVED_METALS

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM78

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER Lab Sample ID: MBJM78

Level (low/med): LOW__ Date Received: 02/22/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	1.3	U	N	F_
7440-39-3	Barium___	0.80	U		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U		P_
7440-70-2	Calcium__	70.4	B		P_
7440-47-3	Chromium_	2.6	U		P_
7440-48-4	Cobalt___	2.9	U		P_
7440-50-8	Copper___	2.4	U		P_
7439-89-6	Iron_____	6.1	U		P_
7439-92-1	Lead_____	0.60	U	N	F_
7439-95-4	Magnesium	26.8	U		P_
7439-96-5	Manganese	1.7	U		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P_
7440-09-7	Potassium	348	U		P_
7782-49-2	Selenium_	1.1	U		F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	37.8	B		P_
7440-28-0	Thallium_	1.0	U	N	F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc_____	3.1	U		P_
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

DISSOLVED_METALS

RINSATE

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM79
TOTAL

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER

Level (low/med): LOW__ Lab Sample ID: MBJM79

% Solids: __0.0 Date Received: 02/22/94

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	71.9	B		P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	~~1.3~~	~~U~~	~~N~~	F
7440-39-3	Barium	154	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.9	B	J	P
7440-70-2	Calcium	13700			P
7440-47-3	Chromium	75.2		J	P
7440-48-4	Cobalt	26.4	B		P
7440-50-8	Copper	10.7	B		P
7439-89-6	Iron	687			P
7439-92-1	Lead	9.5		~~N~~	F
7439-95-4	Magnesium	2600	B		P
7439-96-5	Manganese	2680			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	22.6	B		P
7440-09-7	Potassium	6170			P
7782-49-2	Selenium	1.1	U		F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	15700		J	P
7440-28-0	Thallium	~~1.0~~	~~U~~	~~N~~	F
7440-62-2	Vanadium	2.3	U		P
7440-66-6	Zinc	67.9			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM80
DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER Lab Sample ID: MBJM80

Level (low/med): LOW__ Date Received: 02/22/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P
7440-36-0	Antimony_	28.3	U		P
7440-38-2	Arsenic__	1.3	U	NJ	F
7440-39-3	Barium___	156	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium__	2.7	U		P
7440-70-2	Calcium__	14500			P
7440-47-3	Chromium_	3.4	B		P
7440-48-4	Cobalt___	21.8	B		P
7440-50-8	Copper___	5.8	B		P
7439-89-6	Iron_____	189			P
7439-92-1	Lead_____	~~2.1~~	~~B~~	WN	F
7439-95-4	Magnesium	2800	B		P
7439-96-5	Manganese	2290			P
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P
7440-09-7	Potassium	6440			P
7782-49-2	Selenium_	1.1	U		F
7440-22-4	Silver___	2.8	U		P
7440-23-5	Sodium___	17300			P
7440-28-0	Thallium_	1.0	U	WNJ	F
7440-62-2	Vanadium_	2.3	U		P
7440-66-6	Zinc_____	33.1			P
_____	Cyanide__				NR
_____	_____				

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
DISSOLVED_METALS

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM81

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER Lab Sample ID: MBJM81

Level (low/med): LOW__ Date Received: 02/22/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	60.1	B		P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	~~1.3~~	~~U~~	WN	F_
7440-39-3	Barium___	154	B		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U		P_
7440-70-2	Calcium__	13700			P_
7440-47-3	Chromium_	73.4		J	P_
7440-48-4	Cobalt___	26.8	B		P_
7440-50-8	Copper___	13.2	B		P_
7439-89-6	Iron_____	661			P_
7439-92-1	Lead_____	8.6		WN J	F_
7439-95-4	Magnesium	2620	B		P_
7439-96-5	Manganese	2610			P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	16.4	B		P_
7440-09-7	Potassium	6300			P_
7782-49-2	Selenium_	1.1	U		F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	15600			P_
7440-28-0	Thallium_	~~1.4~~	~~B~~	WN	F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc_____	62.1			P_
_____	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

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EPA SAMPLE NO.

MBJM82
DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER Lab Sample ID: MBJM82

Level (low/med): LOW__ Date Received: 02/22/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P
7440-36-0	Antimony_	28.3	U		P
7440-38-2	Arsenic__	1.3	U	N	F
7440-39-3	Barium___	142	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium__	2.7	U		P
7440-70-2	Calcium__	14300			P
7440-47-3	Chromium_	3.6	B		P
7440-48-4	Cobalt___	19.7	B		P
7440-50-8	Copper___	9.2	B		P
7439-89-6	Iron____	184			P
7439-92-1	Lead____	~~2.0~~	~~B~~	WN	F
7439-95-4	Magnesium	2700	B		P
7439-96-5	Manganese	2270			P
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	11.7	B		P
7440-09-7	Potassium	6420			P
7782-49-2	Selenium_	1.1	U		F
7440-22-4	Silver___	2.8	U		P
7440-23-5	Sodium___	16500			P
7440-28-0	Thallium_	1.3	U	WN	F
7440-62-2	Vanadium_	2.3	U		P
7440-66-6	Zinc____	46.4			P
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
DISSOLVED_METALS

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM83
TOTAL

ame: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

ode: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

x (soil/water): WATER Lab Sample ID: MBJM83

(low/med): LOW__ Date Received: 02/22/94

ids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	553	_	T	P_
7440-36-0	Antimony_	28.3	U	T	P_
7440-38-2	Arsenic__	~~135~~		N	F_
7440-39-3	Barium__	177	B		P_
7440-41-7	Beryllium	0.25	B		P_
7440-43-9	Cadmium__	2.7	U		P_
7440-70-2	Calcium__	31500	_		P_
7440-47-3	Chromium_	40.9		T	P_
7440-48-4	Cobalt___	18.4	B		P_
7440-50-8	Copper___	992	_		P_
7439-89-6	Iron____	327000	_		P_
7439-92-1	Lead____	6.6	_	WN T	F_
7439-95-4	Magnesium	3450	B		P_
7439-96-5	Manganese	977	_		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	13.3	B		P_
7440-09-7	Potassium	5180	_		P_
7782-49-2	Selenium_	1.1	U		F_
7440-22-4	Silver___	21.6	_		P_
7440-23-5	Sodium___	11400	_		P_
7440-28-0	Thallium_	~~13.0~~	U	N	F_
7440-62-2	Vanadium_	6.6	B		P_
7440-66-6	Zinc____	178	_		P_
	Cyanide__		_		NR
			_		_

lor Before: BROWN____ Clarity Before: OPAQUE Texture: _____

lor After: BROWN____ Clarity After: CLOUDY Artifacts: _____

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. 16

MBJM84 DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER Lab Sample ID: MBJM84

Level (low/med): LOW__ Date Received: 02/22/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.8	U		P
7440-36-0	Antimony	28.3	U	J	P
7440-38-2	Arsenic	1.3	U	NJ	F
7440-39-3	Barium	11.1	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.7	U		P
7440-70-2	Calcium	29200			P
7440-47-3	Chromium	2.6	U		P
7440-48-4	Cobalt	2.9	U		P
7440-50-8	Copper	8.1	B		P
7439-89-6	Iron	4940			P
7439-92-1	Lead	~~1.1~~	~~B~~	WN	F
7439-95-4	Magnesium	3380	B		P
7439-96-5	Manganese	620			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.8	U		P
7440-09-7	Potassium	5160			P
7782-49-2	Selenium	1.1	U		F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	11900			P
7440-28-0	Thallium	1.0	U	WNJ	F
7440-62-2	Vanadium	2.3	U		P
7440-66-6	Zinc	10.7	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

DISSOLVED_METALS

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKS11

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER Lab Sample ID: MBKS11

Level (low/med): LOW__ Date Received: 02/22/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	598			P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	~~1.3~~	~~U~~	N	F
7440-39-3	Barium	91.0	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.9	B		P
7440-70-2	Calcium	35400			P
7440-47-3	Chromium	282			P
7440-48-4	Cobalt	4.2	B		P
7440-50-8	Copper	108			P
7439-89-6	Iron	10800			P
7439-92-1	Lead	3.7		WN	F
7439-95-4	Magnesium	3330	B		P
7439-96-5	Manganese	602			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	14.4	B		P
7440-09-7	Potassium	5490			P
7782-49-2	Selenium	1.1	U		F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	12500			P
7440-28-0	Thallium	~~1.0~~	~~B~~	WN	F
7440-62-2	Vanadium	3.4	B		P
7440-66-6	Zinc	20.5			P
	Cyanide				NR

Color Before: BROWN____ Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKS12

TOTAL

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER Lab Sample ID: MBKS12

Level (low/med): LOW__ Date Received: 02/22/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	691		J	P
7440-36-0	Antimony	28.3	U	J	P
7440-38-2	Arsenic	~~1.3~~	~~U~~	N	F
7440-39-3	Barium	105	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.7	U		P
7440-70-2	Calcium	15200			P
7440-47-3	Chromium	72.2		J	P
7440-48-4	Cobalt	5.4	B		P
7440-50-8	Copper	12.3	B		P
7439-89-6	Iron	2750			P
7439-92-1	Lead	5.4		WN J	F
7439-95-4	Magnesium	3480	B		P
7439-96-5	Manganese	244			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	25.2	B		P
7440-09-7	Potassium	5950			P
7782-49-2	Selenium	1.1	U		F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	16500			P
7440-28-0	Thallium	~~1.0~~	~~U~~	N	F
7440-62-2	Vanadium	3.1	B		P
7440-66-6	Zinc	48.8			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKS13

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER Lab Sample ID: MBKS13

Level (low/med): LOW__ Date Received: 02/22/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	172	B		P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	~~69.9~~		SN	F
7440-39-3	Barium	355			P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.7	U		P
7440-70-2	Calcium	39400			P
7440-47-3	Chromium	4.2	B		P
7440-48-4	Cobalt	6.3	B		P
7440-50-8	Copper	2550			P
7439-89-6	Iron	136000			P
7439-92-1	Lead	3.2		WNJ	F
7439-95-4	Magnesium	3980	B		P
7439-96-5	Manganese	879			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.8	U		P
7440-09-7	Potassium	6630			P
7782-49-2	Selenium	1.1	U		F
7440-22-4	Silver	9.9	B		P
7440-23-5	Sodium	13700			P
7440-28-0	Thallium	~~1.4~~	~~B~~	WN	F
7440-62-2	Vanadium	2.9	B		P
7440-66-6	Zinc	76.8			P
	Cyanide				NR

Color Before: BROWN____ Clarity Before: OPAQUE Texture: _____

Color After: BROWN____ Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

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MBKS15
DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER Lab Sample ID: MBKS15

Level (low/med): LOW__ Date Received: 02/22/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.8	U		P
7440-36-0	Antimony	28.3	U	J	P
7440-38-2	Arsenic	1.3	U	NJ	F
7440-39-3	Barium	91.4	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.7	U		P
7440-70-2	Calcium	39000		J	P
7440-47-3	Chromium	2.6	U		P
7440-48-4	Cobalt	6.3	B		P
7440-50-8	Copper	9.9	B		P
7439-89-6	Iron	9060			P
7439-92-1	Lead	~~2.2~~	~~B~~	WN	F
7439-95-4	Magnesium	3590	B		P
7439-96-5	Manganese	650			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.8	U		P
7440-09-7	Potassium	5990			P
7782-49-2	Selenium	1.1	U		F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	13600			P
7440-28-0	Thallium	1.1	B	WNJ	F
7440-62-2	Vanadium	2.3	U		P
7440-66-6	Zinc	8.3	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
DISSOLVED_METALS

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKS16
DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER Lab Sample ID: MBKS16

Level (low/med): LOW__ Date Received: 02/22/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	1.3	U	NJ	F_
7440-39-3	Barium___	96.9	B		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U		P_
7440-70-2	Calcium__	15200			P_
7440-47-3	Chromium_	2.6	U		P_
7440-48-4	Cobalt___	5.0	B		P_
7440-50-8	Copper___	3.9	B		P_
7439-89-6	Iron____	178			P_
7439-92-1	Lead____	~~2.3~~	~~B~~	WN	F_
7439-95-4	Magnesium	3480	B		P_
7439-96-5	Manganese	220			P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P_
7440-09-7	Potassium	6410			P_
7782-49-2	Selenium_	1.1	U		F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	17100			P_
7440-28-0	Thallium_	1.2	B	WN	F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc____	22.3			P_
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
DISSOLVED_METALS

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. 22 MW-25

MBKS17 DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM73

Matrix (soil/water): WATER Lab Sample ID: MBKS17

Level (low/med): LOW__ Date Received: 02/22/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.8	U		P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	1.3	U	N J	F
7440-39-3	Barium	58.1	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.7	U		P
7440-70-2	Calcium	39700			P
7440-47-3	Chromium	2.6	U		P
7440-48-4	Cobalt	2.9	B		P
7440-50-8	Copper	17.6	B		P
7439-89-6	Iron	1360			P
7439-92-1	Lead	~~1.5~~	~~B~~	WN	F
7439-95-4	Magnesium	4270	B		P
7439-96-5	Manganese	646			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.8	U		P
7440-09-7	Potassium	7040			P
7782-49-2	Selenium	1.1	U		F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	14700			P
7440-28-0	Thallium	1.0	U	WN J	F
7440-62-2	Vanadium	2.3	U		P
7440-66-6	Zinc	5.8	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

DISSOLVED

U.S. EPA - CLP

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM70
DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBJM70

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	1.3	U		F_
7440-39-3	Barium___	62.7	B		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U		P_
7440-70-2	Calcium__	11700			P_
7440-47-3	Chromium_	2.6	U		P_
7440-48-4	Cobalt___	2.9	U		P_
7440-50-8	Copper___	5.5	B		P_
7439-89-6	Iron____	277			P_
7439-92-1	Lead____	3.4			F_
7439-95-4	Magnesium	2290	B	E	P_
7439-96-5	Manganese	260			P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P_
7440-09-7	Potassium	3000	B		P_
7782-49-2	Selenium_	1.1	U		F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	13100			P_
7440-28-0	Thallium_	1.2	B	WJ	F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc____	170		J	P_
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
DISSOLVED

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM85

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBJM85

Level (low/med): LOW__ Date Received: 02/24/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	223			P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	1.3	U	W	F
7440-39-3	Barium	117	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	4.3	B		P
7440-70-2	Calcium	13100			P
7440-47-3	Chromium	36.2			P
7440-48-4	Cobalt	2.9	U		P
7440-50-8	Copper	9.0	B		P
7439-89-6	Iron	621			P
7439-92-1	Lead	5.3		W	F
7439-95-4	Magnesium	4010	B	E	P
7439-96-5	Manganese	60.1			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	94.4			P
7440-09-7	Potassium	7110			P
7782-49-2	Selenium	1.1	U		F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	20500			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	2.3	U		P
7440-66-6	Zinc	114			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM86

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBJM86

Level (low/med): LOW__ Date Received: 02/24/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	1.3	U	W	F_
7440-39-3	Barium___	105	B		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U		P_
7440-70-2	Calcium__	12600			P_
7440-47-3	Chromium_	6.4	B		P_
7440-48-4	Cobalt___	2.9	U		P_
7440-50-8	Copper___	5.0	B		P_
7439-89-6	Iron_____	37.7	B		P_
7439-92-1	Lead_____	2.7	B	W	F_
7439-95-4	Magnesium	3890	B	E	P_
7439-96-5	Manganese	53.0			P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	80.5			P_
7440-09-7	Potassium	7260			P_
7782-49-2	Selenium_	1.1	U		F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	20300			P_
7440-28-0	Thallium_	1.0	U		F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc_____	88.3			P_
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
DISSOLVED

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM87
TOTAL

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBJM87

Level (low/med): LOW__ Date Received: 02/24/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	201			P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	2.6	B	WJ	F
7440-39-3	Barium	139	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.7	U		P
7440-70-2	Calcium	31700			P
7440-47-3	Chromium	45.8			P
7440-48-4	Cobalt	2.9	U		P
7440-50-8	Copper	218			P
7439-89-6	Iron	9790			P
7439-92-1	Lead	3.0	B	WJ	F
7439-95-4	Magnesium	3540	B	E	P
7439-96-5	Manganese	682			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	18.4	B		P
7440-09-7	Potassium	4970	B		P
7782-49-2	Selenium	1.1	U		F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	13500			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	2.3	U		P
7440-66-6	Zinc	11.3	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM88

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBJM88

Level (low/med): LOW__ Date Received: 02/24/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	1.3	U	W J	F_
7440-39-3	Barium___	43.1	B		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U		P_
7440-70-2	Calcium__	30400			P_
7440-47-3	Chromium_	2.6	U		P_
7440-48-4	Cobalt___	2.9	U		P_
7440-50-8	Copper___	29.7			P_
7439-89-6	Iron_____	352			P_
7439-92-1	Lead_____	3.1		W J	F_
7439-95-4	Magnesium	3450	B	E	P_
7439-96-5	Manganese	550			P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	B		P_
7440-09-7	Potassium	4830	B		P_
7782-49-2	Selenium_	1.1	U		F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	13200			P_
7440-28-0	Thallium_	1.0	U		F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc_____	7.5	B		P_
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

DISSOLVED

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM89

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBJM89

Level (low/med): LOW__ Date Received: 02/24/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	89.5	B		P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	1.3	U	W J	F
7440-39-3	Barium	25.3	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	5.5			P
7440-70-2	Calcium	8990			P
7440-47-3	Chromium	10.4			P
7440-48-4	Cobalt	2.9	U		P
7440-50-8	Copper	44.8			P
7439-89-6	Iron	9960			P
7439-92-1	Lead	11.2			F
7439-95-4	Magnesium	911	B	E	P
7439-96-5	Manganese	65.4			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.8	U		P
7440-09-7	Potassium	4460	B		P
7782-49-2	Selenium	1.1	U		F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	6280			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	2.3	U		P
7440-66-6	Zinc	89.3			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM90

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBJM90

Level (low/med): LOW__ Date Received: 02/24/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P
7440-36-0	Antimony_	28.3	U		P
7440-38-2	Arsenic__	1.3	U		F
7440-39-3	Barium___	20.5	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium__	4.8	B		P
7440-70-2	Calcium__	8840			P
7440-47-3	Chromium_	2.6	U		P
7440-48-4	Cobalt___	2.9	U		P
7440-50-8	Copper___	20.3	B		P
7439-89-6	Iron_____	49.4	B		P
7439-92-1	Lead_____	2.1	B		F
7439-95-4	Magnesium	917	B	E	P
7439-96-5	Manganese	34.8			P
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	11.4	B		P
7440-09-7	Potassium	4660	B		P
7782-49-2	Selenium_	1.1	U	WJ	F
7440-22-4	Silver___	2.8	U		P
7440-23-5	Sodium___	6360			P
7440-28-0	Thallium_	1.0	U		F
7440-62-2	Vanadium_	2.3	U		P
7440-66-6	Zinc_____	51.4			P
	Cyanide__				NR

Color Before: BROWN____ Clarity Before: CLEAR_ Texture: _____

Color After: BROWN____ Clarity After: CLEAR_ Artifacts: _____

Comments:

DISSOLVED

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM91

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBJM91

Level (low/med): LOW__ Date Received: 02/24/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.8	U		P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	1.3	U	W J	F
7440-39-3	Barium	0.80	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.7	U		P
7440-70-2	Calcium	23.1	U		P
7440-47-3	Chromium	2.6	U		P
7440-48-4	Cobalt	2.9	U		P
7440-50-8	Copper	2.4	U		P
7439-89-6	Iron	13.8	B		P
7439-92-1	Lead	1.1	B		F
7439-95-4	Magnesium	26.8	U	E	P
7439-96-5	Manganese	1.7	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.8	U		P
7440-09-7	Potassium	348	U		P
7782-49-2	Selenium	1.1	U		F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	56.1	B		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	2.3	U		P
7440-66-6	Zinc	5.9	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
RINSATE

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM92

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBJM92

Level (low/med): LOW__ Date Received: 02/24/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	1.3	U		F_
7440-39-3	Barium___	0.80	U		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U		P_
7440-70-2	Calcium__	63.1	B		P_
7440-47-3	Chromium_	2.6	U		P_
7440-48-4	Cobalt___	2.9	U		P_
7440-50-8	Copper___	2.4	U		P_
7439-89-6	Iron____	89.8	B		P_
7439-92-1	Lead____	1.7	B	W	F_
7439-95-4	Magnesium	26.8	U	E	P_
7439-96-5	Manganese	1.7	U		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P_
7440-09-7	Potassium	348	U		P_
7782-49-2	Selenium_	1.1	U		F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	99.3	B		P_
7440-28-0	Thallium_	1.0	U		F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc____	4.2	B		P_
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

DISSOLVED

RINSATE

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

12

EPA SAMPLE NO.

MBJM93

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBJM93

Level (low/med): LOW__ Date Received: 02/24/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P
7440-36-0	Antimony_	28.3	U		P
7440-38-2	Arsenic__	1.3	U		F
7440-39-3	Barium___	0.80	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium__	2.7	U		P
7440-70-2	Calcium__	72.1	B		P
7440-47-3	Chromium_	2.6	U		P
7440-48-4	Cobalt___	2.9	U		P
7440-50-8	Copper___	2.4	U		P
7439-89-6	Iron_____	20.5	B		P
7439-92-1	Lead_____	1.6	B		F
7439-95-4	Magnesium	26.8	U	E	P
7439-96-5	Manganese	1.7	U		P
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P
7440-09-7	Potassium	348	U		P
7782-49-2	Selenium_	1.1	U		F
7440-22-4	Silver___	2.8	U		P
7440-23-5	Sodium___	143	B		P
7440-28-0	Thallium_	1.0	U		F
7440-62-2	Vanadium_	2.3	U		P
7440-66-6	Zinc_____	11.0	B		P
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

DISSOLVED

RINSATE

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. 13

MBJM94

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBJM94

Level (low/med): LOW__ Date Received: 02/24/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	393			P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	1.3	U	W J	F_
7440-39-3	Barium___	91.1	B		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	3.7	B		P_
7440-70-2	Calcium__	12900			P_
7440-47-3	Chromium_	5.0	B		P_
7440-48-4	Cobalt___	2.9	U		P_
7440-50-8	Copper___	2.4	U		P_
7439-89-6	Iron____	371			P_
7439-92-1	Lead____	3.8		W J	F_
7439-95-4	Magnesium	3470	B	E	P_
7439-96-5	Manganese	14.9	B		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	11.6	B		P_
7440-09-7	Potassium	2410	B		P_
7782-49-2	Selenium_	1.1	U		F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	11600			P_
7440-28-0	Thallium_	1.0	U		F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc____	37.9		J	P_
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

14

EPA SAMPLE NO.

MBJM95

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBJM95

Level (low/med): LOW__ Date Received: 02/24/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	1.3	U		F_
7440-39-3	Barium___	85.5	B		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U		P_
7440-70-2	Calcium__	12800			P_
7440-47-3	Chromium_	2.6	U		P_
7440-48-4	Cobalt___	2.9	U		P_
7440-50-8	Copper___	2.4	U		P_
7439-89-6	Iron____	26.4	B		P_
7439-92-1	Lead____	2.9	B		F_
7439-95-4	Magnesium	3110	B	E	P_
7439-96-5	Manganese	9.8	B		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P_
7440-09-7	Potassium	2490	B		P_
7782-49-2	Selenium_	1.1	U		F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	11500			P_
7440-28-0	Thallium_	1.5	B	W J	F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc____	11.0	B		P_
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
DISSOLVED

U.S. EPA - CLP

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM96

TOTAL

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBJM96

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	298			P
7440-36-0	Antimony_	28.3	U		P
7440-38-2	Arsenic__	1.3	U	WJ	F
7440-39-3	Barium___	39.3	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium__	2.7	U		P
7440-70-2	Calcium__	20900			P
7440-47-3	Chromium_	70.9			P
7440-48-4	Cobalt___	2.9	U		P
7440-50-8	Copper___	2.4	U		P
7439-89-6	Iron_____	647			P
7439-92-1	Lead_____	3.3		W	F
7439-95-4	Magnesium	2700	B	E	P
7439-96-5	Manganese	238			P
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	33.3	B		P
7440-09-7	Potassium	3220	B		P
7782-49-2	Selenium_	1.1	U		F
7440-22-4	Silver___	2.8	U		P
7440-23-5	Sodium___	12700			P
7440-28-0	Thallium_	1.2	B	WJ	F
7440-62-2	Vanadium_	2.3	U		P
7440-66-6	Zinc_____	15.9	B		P
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM97

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBJM97

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	98.0	B		P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	1.3	U		F
7440-39-3	Barium	36.4	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	3.4	B		P
7440-70-2	Calcium	20500			P
7440-47-3	Chromium	2.6	U		P
7440-48-4	Cobalt	2.9	U		P
7440-50-8	Copper	2.4	U		P
7439-89-6	Iron	69.3	B		P
7439-92-1	Lead	1.7	B		F
7439-95-4	Magnesium	2660	B	E	P
7439-96-5	Manganese	213			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	24.9	B		P
7440-09-7	Potassium	3610	B		P
7782-49-2	Selenium	1.1	U		F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	12800			P
7440-28-0	Thallium	1.0	U	W	F
7440-62-2	Vanadium	2.3	U		P
7440-66-6	Zinc	11.7	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

DISSOLVED

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. 17

MBJM98

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBJM98

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	306			P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	1.3	U	W J	F_
7440-39-3	Barium___	120	B		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U		P_
7440-70-2	Calcium__	25800			P_
7440-47-3	Chromium_	69.4			P_
7440-48-4	Cobalt___	2.9	U		P_
7440-50-8	Copper___	8.0	B		P_
7439-89-6	Iron____	1110			P_
7439-92-1	Lead____	5.3		W J	F_
7439-95-4	Magnesium	4360	B	E	P_
7439-96-5	Manganese	73.7			P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	104			P_
7440-09-7	Potassium	1600	B		P_
7782-49-2	Selenium_	1.1	U		F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	16500			P_
7440-28-0	Thallium_	1.0	U	W J	F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc____	48.5		J	P_
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBJM99

DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBJM99

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P
7440-36-0	Antimony_	28.3	U		P
7440-38-2	Arsenic__	1.3	U		F
7440-39-3	Barium___	95.3	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium__	3.7	B		P
7440-70-2	Calcium__	15500			P
7440-47-3	Chromium_	10.9			P
7440-48-4	Cobalt___	2.9	U		P
7440-50-8	Copper___	2.4	U		P
7439-89-6	Iron_____	57.1	B		P
7439-92-1	Lead_____	0.94	B		F
7439-95-4	Magnesium	3490	B	E	P
7439-96-5	Manganese	38.5			P
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	38.0	B		P
7440-09-7	Potassium	1670	B		P
7782-49-2	Selenium_	1.1	U	WJ	F
7440-22-4	Silver___	2.8	U		P
7440-23-5	Sodium___	15500			P
7440-28-0	Thallium_	1.0	U	WJ	F
7440-62-2	Vanadium_	2.3	U		P
7440-66-6	Zinc_____	28.5			P
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

DISSOLVED

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKS14

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBKS14

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	460			P
7440-36-0	Antimony_	28.3	U		P
7440-38-2	Arsenic__	1.3	U		F
7440-39-3	Barium___	81.8	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium__	3.6	B		P
7440-70-2	Calcium__	13600			P
7440-47-3	Chromium_	17.8			P
7440-48-4	Cobalt___	2.9	U		P
7440-50-8	Copper___	21.5	B		P
7439-89-6	Iron____	3570			P
7439-92-1	Lead____	28.7			F
7439-95-4	Magnesium	2800	B	E	P
7439-96-5	Manganese	304			P
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	16.2	B		P
7440-09-7	Potassium	3220	B		P
7782-49-2	Selenium_	1.2	B	WJ	F
7440-22-4	Silver___	2.8	U		P
7440-23-5	Sodium___	13300			P
7440-28-0	Thallium_	1.5	B	WJ	F
7440-62-2	Vanadium_	2.3	U		P
7440-66-6	Zinc____	256		J	P
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT62

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBKT62

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	222			P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	1.3	U		F
7440-39-3	Barium	84.8	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	4.0	B		P
7440-70-2	Calcium	13100			P
7440-47-3	Chromium	788			P
7440-48-4	Cobalt	2.9	U		P
7440-50-8	Copper	16.1	B		P
7439-89-6	Iron	3490			P
7439-92-1	Lead	2.2	B		F
7439-95-4	Magnesium	2760	B	E	P
7439-96-5	Manganese	4400			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	52.0			P
7440-09-7	Potassium	4420	B	J	P
7782-49-2	Selenium	1.1	U	W J	F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	9600			P
7440-28-0	Thallium	1.2	B	W J	F
7440-62-2	Vanadium	2.3	U		P
7440-66-6	Zinc	16.7	B		P
	Cyanide				NR

Color Before: BROWN____ Clarity Before: CLOUDY Texture: _____

Color After: BROWN____ Clarity After: CLOUDY Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. 22

MBKT68
DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBKT68

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	262			P_
7440-36-0	Antimony_	28.3	U	J	P_
7440-38-2	Arsenic__	4.0	B	W	F_
7440-39-3	Barium___	230			P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	3.9	B		P_
7440-70-2	Calcium__	84100			P_
7440-47-3	Chromium_	2.6	U		P_
7440-48-4	Cobalt___	2.9	U		P_
7440-50-8	Copper___	2.9	B		P_
7439-89-6	Iron____	27200			P_
7439-92-1	Lead____	7.0		W J	F_
7439-95-4	Magnesium	6850		E	P_
7439-96-5	Manganese	894			P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P_
7440-09-7	Potassium	10600			P_
7782-49-2	Selenium_	1.1	U		F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	50500			P_
7440-28-0	Thallium_	1.4	B	W J	F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc____	11.8	B		P_
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
DISSOLVED

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT63
DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBKT63

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P
7440-36-0	Antimony_	28.3	U		P
7440-38-2	Arsenic__	1.3	U		F
7440-39-3	Barium__	19.0	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium__	3.2	B		P
7440-70-2	Calcium__	12600			P
7440-47-3	Chromium_	5.4	B		P
7440-48-4	Cobalt___	2.9	U		P
7440-50-8	Copper___	2.4	U		P
7439-89-6	Iron____	10.5	B		P
7439-92-1	Lead____	1.1	B		F
7439-95-4	Magnesium	2690	B	E	P
7439-96-5	Manganese	2.7	B		P
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P
7440-09-7	Potassium	5070		J	P
7782-49-2	Selenium_	1.1	U	W J	F
7440-22-4	Silver___	2.8	U		P
7440-23-5	Sodium___	9420			P
7440-28-0	Thallium_	1.0	U	W J	F
7440-62-2	Vanadium_	2.3	U		P
7440-66-6	Zinc____	6.7	B		P
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
DISSOLVED

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT64
TOTAL

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT64

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	1.3	U	NJ	F_
7440-39-3	Barium___	0.80	U		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U	J	P_
7440-70-2	Calcium__	37.5	B		P_
7440-47-3	Chromium_	2.6	U		P_
7440-48-4	Cobalt___	2.9	U		P_
7440-50-8	Copper___	2.4	U		P_
7439-89-6	Iron_____	10.8	B		P_
7439-92-1	Lead_____	0.60	U	N	F_
7439-95-4	Magnesium	26.8	U		P_
7439-96-5	Manganese	1.7	U		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P_
7440-09-7	Potassium	348	U		P_
7782-49-2	Selenium_	1.1	U	NJ	F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	66.0	B		P_
7440-28-0	Thallium_	1.2	B		F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc_____	5.3	B		P_
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
RINSATE

U.S. EPA - CLP

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT65
DISSOLVED FB

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT65

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P_
7440-36-0	Antimony_	33.1	B		P_
7440-38-2	Arsenic__	1.3	U	NJ	F_
7440-39-3	Barium___	0.80	U		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U	J	P_
7440-70-2	Calcium__	56.2	B		P_
7440-47-3	Chromium_	2.6	U		P_
7440-48-4	Cobalt___	2.9	U		P_
7440-50-8	Copper___	2.4	U		P_
7439-89-6	Iron____	14.0	B		P_
7439-92-1	Lead____	0.60	U	N	F_
7439-95-4	Magnesium	44.2	B		P_
7439-96-5	Manganese	2.0	B		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P_
7440-09-7	Potassium	348	U		P_
7782-49-2	Selenium_	1.1	U	NJ	F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	101	B		P_
7440-28-0	Thallium_	1.0	U		F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc____	3.1	U		P_
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
RINSATE

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT66
DISSOLVED FB

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT66

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	1.3	U	NJ	F_
7440-39-3	Barium___	0.80	U		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U	J	P_
7440-70-2	Calcium__	74.9	B		P_
7440-47-3	Chromium_	2.6	U		P_
7440-48-4	Cobalt___	2.9	U		P_
7440-50-8	Copper___	2.4	U		P_
7439-89-6	Iron_____	11.6	B		P_
7439-92-1	Lead_____	0.60	U	N	F_
7439-95-4	Magnesium	26.8	U		P_
7439-96-5	Manganese	1.7	U		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P_
7440-09-7	Potassium	348	U		P_
7782-49-2	Selenium_	1.1	U	NJ	F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	96.3	B		P_
7440-28-0	Thallium_	1.6	B		F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc_____	3.1	U		P_
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
RINSATE

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT67
TOTAL

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT67

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3240			P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	4.7	B	WNJ	F
7440-39-3	Barium	234			P
7440-41-7	Beryllium	0.29	B		P
7440-43-9	Cadmium	2.7	U	J	P
7440-70-2	Calcium	84000			P
7440-47-3	Chromium	10.5			P
7440-48-4	Cobalt	4.9	B		P
7440-50-8	Copper	11.2	B		P
7439-89-6	Iron	32100			P
7439-92-1	Lead	8.9		WNJ	F
7439-95-4	Magnesium	7190			P
7439-96-5	Manganese	915			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.8	U		P
7440-09-7	Potassium	11400		J	P
7782-49-2	Selenium	1.1	U	WNJ	F
7440-22-4	Silver	4.1	B		P
7440-23-5	Sodium	48900			P
7440-28-0	Thallium	1.1	B	WJ	F
7440-62-2	Vanadium	11.6	B		P
7440-66-6	Zinc	29.7			P
	Cyanide				NR

Color Before: BROWN____ Clarity Before: CLOUDY Texture: _____

Color After: BROWN____ Clarity After: CLOUDY Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT69

TOTAL

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT69

Level (low/med): LOW__ Date Received: 02/28/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	4800	_		P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	1.3	U	NJ	F_
7440-39-3	Barium___	81.8	B		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U		P_
7440-70-2	Calcium__	29300	_		P_
7440-47-3	Chromium_	17.6	_		P_
7440-48-4	Cobalt___	12.1	B		P_
7440-50-8	Copper___	40.0	_	J	P_
7439-89-6	Iron____	20600	_		P_
7439-92-1	Lead____	11.9	_	WNJ	F_
7439-95-4	Magnesium	4110	B		P_
7439-96-5	Manganese	681	_		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	35.4	B		P_
7440-09-7	Potassium	4800	B		P_
7782-49-2	Selenium_	1.4	B	WNJ	F_
7440-22-4	Silver___	4.5	B		P_
7440-23-5	Sodium___	12300	_		P_
7440-28-0	Thallium_	1.1	B	WJ	F_
7440-62-2	Vanadium_	10.1	B		P_
7440-66-6	Zinc____	68.1	_		P_
_____	Cyanide__		_		NR
_____	_____		_		__

Color Before: BROWN____ Clarity Before: CLOUDY Texture: _____

Color After: BROWN____ Clarity After: CLOUDY Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT70
DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT70

Level (low/med): LOW__ Date Received: 02/28/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.8	U		P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	1.3	U	NJ	F
7440-39-3	Barium	45.4	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.7	U	J	P
7440-70-2	Calcium	24700			P
7440-47-3	Chromium	3.7	B		P
7440-48-4	Cobalt	8.5	B		P
7440-50-8	Copper	6.1	B		P
7439-89-6	Iron	4760			P
7439-92-1	Lead	1.4	B	NJ	F
7439-95-4	Magnesium	2600	B		P
7439-96-5	Manganese	520			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	13.3	B		P
7440-09-7	Potassium	3990	B		P
7782-49-2	Selenium	1.1	U	WNJ	F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	11000			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.5	B		P
7440-66-6	Zinc	23.6			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. 8

MBKT71

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT71

Level (low/med): LOW__ Date Received: 02/28/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1840			P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	1.3	U	NJ	F
7440-39-3	Barium	33.5	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.7	U	J	P
7440-70-2	Calcium	23400			P
7440-47-3	Chromium	14.3			P
7440-48-4	Cobalt	5.8	B		P
7440-50-8	Copper	9.8	B		P
7439-89-6	Iron	3880			P
7439-92-1	Lead	3.8		NJ	F
7439-95-4	Magnesium	3040	B		P
7439-96-5	Manganese	319			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.8	U		P
7440-09-7	Potassium	2820	B		P
7782-49-2	Selenium	1.1	U	WNJ	F
7440-22-4	Silver	4.1	B		P
7440-23-5	Sodium	15800			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	4.3	B		P
7440-66-6	Zinc	14.0	B		P
	Cyanide				NR

Color Before: BROWN____ Clarity Before: CLOUDY Texture: _____

Color After: BROWN____ Clarity After: CLOUDY Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. 9

MBKT72 DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT72

Level (low/med): LOW__ Date Received: 02/28/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	113	B		P
7440-36-0	Antimony	39.4	B		P
7440-38-2	Arsenic	1.3	U	NJ	F
7440-39-3	Barium	23.0	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.7	U	J	P
7440-70-2	Calcium	22600			P
7440-47-3	Chromium	2.8	B		P
7440-48-4	Cobalt	2.9	U		P
7440-50-8	Copper	2.4	U		P
7439-89-6	Iron	289			P
7439-92-1	Lead	0.90	B	NJ	F
7439-95-4	Magnesium	2710	B		P
7439-96-5	Manganese	243			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.8	U		P
7440-09-7	Potassium	2420	B		P
7782-49-2	Selenium	1.1	U	NJ	F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	15200			P
7440-28-0	Thallium	1.0	B	WJ	F
7440-62-2	Vanadium	2.3	U		P
7440-66-6	Zinc	6.1	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

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MBKT73
DISSOLVED FB

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT73

Level (low/med): LOW__ Date Received: 02/28/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.8	U		P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	1.3	U	NJ	F
7440-39-3	Barium	0.80	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.7	U	J	P
7440-70-2	Calcium	65.6	B		P
7440-47-3	Chromium	2.9	B		P
7440-48-4	Cobalt	4.0	B		P
7440-50-8	Copper	2.4	U		P
7439-89-6	Iron	9.1	B		P
7439-92-1	Lead	0.60	U	WNJ	F
7439-95-4	Magnesium	38.0	B		P
7439-96-5	Manganese	1.7	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.8	U		P
7440-09-7	Potassium	348	U		P
7782-49-2	Selenium	1.1	U	NJ	F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	105	B		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	2.7	B		P
7440-66-6	Zinc	3.1	U		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
RINSATE

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT62

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBKT62

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	222			P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	1.3	U		F
7440-39-3	Barium	84.8	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	4.0	B		P
7440-70-2	Calcium	13100			P
7440-47-3	Chromium	788			P
7440-48-4	Cobalt	2.9	U		P
7440-50-8	Copper	16.1	B		P
7439-89-6	Iron	3490			P
7439-92-1	Lead	2.2	B		F
7439-95-4	Magnesium	2760	B	E	P
7439-96-5	Manganese	4400			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	52.0			P
7440-09-7	Potassium	4420	B	J	P
7782-49-2	Selenium	1.1	U	W J	F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	9600			P
7440-28-0	Thallium	1.2	B	W J	F
7440-62-2	Vanadium	2.3	U		P
7440-66-6	Zinc	16.7	B		P
	Cyanide				NR

Color Before: BROWN____ Clarity Before: CLOUDY Texture: _____

Color After: BROWN____ Clarity After: CLOUDY Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT63
DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBKT63

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	1.3	U		F_
7440-39-3	Barium___	19.0	B		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	3.2	B		P_
7440-70-2	Calcium__	12600			P_
7440-47-3	Chromium_	5.4	B		P_
7440-48-4	Cobalt___	2.9	U		P_
7440-50-8	Copper___	2.4	U		P_
7439-89-6	Iron____	10.5	B		P_
7439-92-1	Lead____	1.1	B		F_
7439-95-4	Magnesium	2690	B	E	P_
7439-96-5	Manganese	2.7	B		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P_
7440-09-7	Potassium	5070		J	P_
7782-49-2	Selenium_	1.1	U	WJ	F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	9420			P_
7440-28-0	Thallium_	1.0	U	WJ	F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc____	6.7	B		P_
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
DISSOLVED

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT68
DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBJM85

Matrix (soil/water): WATER Lab Sample ID: MBKT68

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	262			P
7440-36-0	Antimony_	28.3	U	J	P
7440-38-2	Arsenic__	4.0	B	W	F
7440-39-3	Barium___	230			P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium__	3.9	B		P
7440-70-2	Calcium__	84100			P
7440-47-3	Chromium_	2.6	U		P
7440-48-4	Cobalt___	2.9	U		P
7440-50-8	Copper___	2.9	B		P
7439-89-6	Iron_____	27200			P
7439-92-1	Lead_____	7.0		WJ	F
7439-95-4	Magnesium	6850		E	P
7439-96-5	Manganese	894			P
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P
7440-09-7	Potassium	10600			P
7782-49-2	Selenium_	1.1	U		F
7440-22-4	Silver___	2.8	U		P
7440-23-5	Sodium___	50500			P
7440-28-0	Thallium_	1.4	B	WJ	F
7440-62-2	Vanadium_	2.3	U		P
7440-66-6	Zinc_____	11.8	B		P
_____	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
DISSOLVED

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT64
TOTAL

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT64

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	1.3	U	N J	F_
7440-39-3	Barium___	0.80	U		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U	J	P_
7440-70-2	Calcium__	37.5	B		P_
7440-47-3	Chromium_	2.6	U		P_
7440-48-4	Cobalt___	2.9	U		P_
7440-50-8	Copper___	2.4	U		P_
7439-89-6	Iron_____	10.8	B		P_
7439-92-1	Lead_____	0.60	U	N	F_
7439-95-4	Magnesium	26.8	U		P_
7439-96-5	Manganese	1.7	U		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P_
7440-09-7	Potassium	348	U		P_
7782-49-2	Selenium_	1.1	U	N J	F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	66.0	B		P_
7440-28-0	Thallium_	1.2	B		F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc_____	5.3	B		P_
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
RINSATE

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT65
DISSOLVED FB

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT65

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P_
7440-36-0	Antimony_	33.1	B		P_
7440-38-2	Arsenic__	1.3	U	NJ	F_
7440-39-3	Barium___	0.80	U		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U	J	P_
7440-70-2	Calcium__	56.2	B		P_
7440-47-3	Chromium_	2.6	U		P_
7440-48-4	Cobalt___	2.9	U		P_
7440-50-8	Copper___	2.4	U		P_
7439-89-6	Iron_____	14.0	B		P_
7439-92-1	Lead_____	0.60	U	N	F_
7439-95-4	Magnesium	44.2	B		P_
7439-96-5	Manganese	2.0	B		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P_
7440-09-7	Potassium	348	U		P_
7782-49-2	Selenium_	1.1	U	NJ	F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	101	B		P_
7440-28-0	Thallium_	1.0	U		F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc_____	3.1	U		P_
_____	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
RINSATE

U.S. EPA - CLP

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT66
DISSOLVED FB

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT66

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	1.3	U	NJ	F_
7440-39-3	Barium___	0.80	U		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U	J	P_
7440-70-2	Calcium__	74.9	B		P_
7440-47-3	Chromium_	2.6	U		P_
7440-48-4	Cobalt___	2.9	U		P_
7440-50-8	Copper___	2.4	U		P_
7439-89-6	Iron____	11.6	B		P_
7439-92-1	Lead____	0.60	U	N	F_
7439-95-4	Magnesium	26.8	U		P_
7439-96-5	Manganese	1.7	U		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P_
7440-09-7	Potassium	348	U		P_
7782-49-2	Selenium_	1.1	U	NJ	F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	96.3	B		P_
7440-28-0	Thallium_	1.6	B		F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc____	3.1	U		P_
_____	Cyanide__				NR
_____	_____				

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
RINSATE

U.S. EPA - CLP

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT67 TOTAL

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT67

Level (low/med): LOW__ Date Received: 02/25/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3240			P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	4.7	B	WNJ	F
7440-39-3	Barium	234			P
7440-41-7	Beryllium	0.29	B		P
7440-43-9	Cadmium	2.7	U	J	P
7440-70-2	Calcium	84000			P
7440-47-3	Chromium	10.5			P
7440-48-4	Cobalt	4.9	B		P
7440-50-8	Copper	11.2	B		P
7439-89-6	Iron	32100			P
7439-92-1	Lead	8.9		WNJ	F
7439-95-4	Magnesium	7190			P
7439-96-5	Manganese	915			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.8	U		P
7440-09-7	Potassium	11400		J	P
7782-49-2	Selenium	1.1	U	WNJ	F
7440-22-4	Silver	4.1	B		P
7440-23-5	Sodium	48900			P
7440-28-0	Thallium	1.1	B	WJ	F
7440-62-2	Vanadium	11.6	B		P
7440-66-6	Zinc	29.7			P
	Cyanide				NR

Color Before: BROWN____ Clarity Before: CLOUDY Texture: _____

Color After: BROWN____ Clarity After: CLOUDY Artifacts: _____

Comments:

U.S. EPA - CLP

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT69

TOTAL

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT69

Level (low/med): LOW__ Date Received: 02/28/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	4800	_		P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	1.3	U	NJ	F_
7440-39-3	Barium___	81.8	B		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U		P_
7440-70-2	Calcium__	29300	_		P_
7440-47-3	Chromium_	17.6	_		P_
7440-48-4	Cobalt___	12.1	B		P_
7440-50-8	Copper___	40.0	_	J	P_
7439-89-6	Iron____	20600	_		P_
7439-92-1	Lead____	11.9	_	WNJ	F_
7439-95-4	Magnesium	4110	B		P_
7439-96-5	Manganese	681	_		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	35.4	B		P_
7440-09-7	Potassium	4800	B		P_
7782-49-2	Selenium_	1.4	B	WNJ	F_
7440-22-4	Silver___	4.5	B		P_
7440-23-5	Sodium___	12300	_		P_
7440-28-0	Thallium_	1.1	B	WJ	F_
7440-62-2	Vanadium_	10.1	B		P_
7440-66-6	Zinc____	68.1	_		P_
_____	Cyanide__		_		NR
_____	_____		_		__

Color Before: BROWN____ Clarity Before: CLOUDY Texture: _____

Color After: BROWN____ Clarity After: CLOUDY Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT70
DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT70

Level (low/med): LOW__ Date Received: 02/28/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.8	U		P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	1.3	U	NJ	F
7440-39-3	Barium	45.4	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.7	U	J	P
7440-70-2	Calcium	24700			P
7440-47-3	Chromium	3.7	B		P
7440-48-4	Cobalt	8.5	B		P
7440-50-8	Copper	6.1	B		P
7439-89-6	Iron	4760			P
7439-92-1	Lead	1.4	B	NJ	F
7439-95-4	Magnesium	2600	B		P
7439-96-5	Manganese	520			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	13.3	B		P
7440-09-7	Potassium	3990	B		P
7782-49-2	Selenium	1.1	U	WNJ	F
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium	11000			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.5	B		P
7440-66-6	Zinc	23.6			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. 8

MBKT71

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT71

Level (low/med): LOW__ Date Received: 02/28/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1840			P
7440-36-0	Antimony	28.3	U		P
7440-38-2	Arsenic	1.3	U	NJ	F
7440-39-3	Barium	33.5	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	2.7	U	J	P
7440-70-2	Calcium	23400			P
7440-47-3	Chromium	14.3			P
7440-48-4	Cobalt	5.8	B		P
7440-50-8	Copper	9.8	B		P
7439-89-6	Iron	3880			P
7439-92-1	Lead	3.8		NJ	F
7439-95-4	Magnesium	3040	B		P
7439-96-5	Manganese	319			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	10.8	U		P
7440-09-7	Potassium	2820	B		P
7782-49-2	Selenium	1.1	U	WNJ	F
7440-22-4	Silver	4.1	B		P
7440-23-5	Sodium	15800			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	4.3	B		P
7440-66-6	Zinc	14.0	B		P
	Cyanide				NR

Color Before: BROWN____ Clarity Before: CLOUDY Texture: _____

Color After: BROWN____ Clarity After: CLOUDY Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. 10

MBKT73
DISSOLVED FB

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT73

Level (low/med): LOW__ Date Received: 02/28/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	20.8	U		P_
7440-36-0	Antimony_	28.3	U		P_
7440-38-2	Arsenic__	1.3	U	NJ	F_
7440-39-3	Barium___	0.80	U		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U	J	P_
7440-70-2	Calcium__	65.6	B		P_
7440-47-3	Chromium_	2.9	B		P_
7440-48-4	Cobalt___	4.0	B		P_
7440-50-8	Copper___	2.4	U		P_
7439-89-6	Iron_____	9.1	B		P_
7439-92-1	Lead____	0.60	U	WNJ	F_
7439-95-4	Magnesium	38.0	B		P_
7439-96-5	Manganese	1.7	U		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P_
7440-09-7	Potassium	348	U		P_
7782-49-2	Selenium_	1.1	U	NJ	F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	105	B		P_
7440-28-0	Thallium_	1.0	U		F_
7440-62-2	Vanadium_	2.7	B		P_
7440-66-6	Zinc_____	3.1	U		P_
_____	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
RINSATE

U.S. EPA - CLP

9

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MBKT72
DISSOLVED

Lab Name: SVL_ANALYTICAL_INC._____ Contract: 68-D20052_

Lab Code: SILVER Case No.: 21667_ SAS No.: _____ SDG No.: MBKT64

Matrix (soil/water): WATER Lab Sample ID: MBKT72

Level (low/med): LOW__ Date Received: 02/28/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	113	B		P_
7440-36-0	Antimony_	39.4	B		P_
7440-38-2	Arsenic__	1.3	U	NJ	F_
7440-39-3	Barium___	23.0	B		P_
7440-41-7	Beryllium	0.20	U		P_
7440-43-9	Cadmium__	2.7	U	J	P_
7440-70-2	Calcium__	22600			P_
7440-47-3	Chromium_	2.8	B		P_
7440-48-4	Cobalt___	2.9	U		P_
7440-50-8	Copper___	2.4	U		P_
7439-89-6	Iron____	289			P_
7439-92-1	Lead____	0.90	B	NJ	F_
7439-95-4	Magnesium	2710	B		P_
7439-96-5	Manganese	243			P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	10.8	U		P_
7440-09-7	Potassium	2420	B		P_
7782-49-2	Selenium_	1.1	U	NJ	F_
7440-22-4	Silver___	2.8	U		P_
7440-23-5	Sodium___	15200			P_
7440-28-0	Thallium_	1.0	B	WJ	F_
7440-62-2	Vanadium_	2.3	U		P_
7440-66-6	Zinc____	6.1	B		P_
	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

- **Drive Point Analytical Data, August 16 - 24, 1993**

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9325970

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/16/93
TIME COLLECTED. 0945 HRS.
DATE RECEIVED.. 08/16/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP1-34-36

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/19/9.

DATE RUN..... 08/16/93
DATE REPORTED.. 08/19/93

J M Alavian
LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9325971

ZEBRA/ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/16/93
TIME COLLECTED. 1100 HRS.
DATE RECEIVED.. 08/16/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP1-48-50

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/19/93

DATE RUN..... 08/16/93
DATE REPORTED.. 08/19/93

J M Alevin
LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9325972

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
- ROUTINE

DATE COLLECTED. 08/16/93
TIME COLLECTED. 1200 HRS.
DATE RECEIVED.. 08/16/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP1-66-68

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	12		
METHYLENE CHLORIDE	8		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	3		
CIS-1,2-DICHLOROETHENE	1		
CHLOROFORM	3		
1,1,1-TRICHLOROETHANE	52		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	25		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	4		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/19/93

DATE RUN..... 08/16/93
DATE REPORTED.. 08/19/93

J M Stevens
LABORATORY DIRECTOR

ORIGINAL

V 0023

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9325973

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/16/93
TIME COLLECTED. 1230 HRS.
DATE RECEIVED.. 08/16/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP-PW-081693

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/19/93

DATE RUN..... 08/16/93
DATE REPORTED.. 08/19/93

J. M. Hayes
LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326104

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/16/93
TIME COLLECTED. 1430 HRS.
DATE RECEIVED.. 08/16/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP2-34-36

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	2		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/19/93

DATE RUN..... 08/16/93
DATE REPORTED.. 08/19/93

J M Stevens
LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326105

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/16/93
TIME COLLECTED. 1545 HRS.
DATE RECEIVED.. 08/16/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP2-66-68

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	5		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	2		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	2		
1,1,1-TRICHLOROETHANE	23		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	13		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	3		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/19/93

DATE RUN..... 08/16/93
DATE REPORTED.. 08/19/93

J. M. Klein
LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326106

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/16/93
TIME COLLECTED. 1715 HRS.
DATE RECEIVED.. 08/16/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP3-34-36

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	5		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/19/93

DATE RUN..... 08/16/93
DATE REPORTED.. 08/19/93

ORIGINAL

J.M. Alvino
LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326107

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/16/93
TIME COLLECTED. 1800 HRS.
DATE RECEIVED.. 08/16/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP3-50-52

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	2		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/19/93

DATE RUN..... 08/16/93
DATE REPORTED.. 08/19/93

J M Slavin LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326108

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/16/93
TIME COLLECTED. 1645 HRS.
DATE RECEIVED.. 08/16/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP-FB-081693

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/19/93

DATE RUN..... 08/16/93
DATE REPORTED.. 08/19/93

J M Slavin
LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326109

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/16/93
DATE RECEIVED.. 08/16/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP-TB-081693

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/19/93

DATE RUN..... 08/16/93
DATE REPORTED.. 08/19/93

J M Stevens
LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326112

ZEBRA ENVIONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/17/93
TIME COLLECTED. 0820 HRS.
DATE RECEIVED.. 08/17/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP4-34-36

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	8		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE ISSUED 08/17/93

DATE RUN..... 08/17/93
DATE REPORTED.. 08/17/93

J M Alaimo
LABORATORY DIRECTOR

ORIGINAL

V 0031

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326113

ZEBRA, ENVIONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/17/93
TIME COLLECTED. 0910 HRS.
DATE RECEIVED.. 08/17/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP4-50-52

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	2		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/17/93

DATE RUN..... 08/17/93
DATE REPORTED.. 08/17/93

J M Sherman
LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326158

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/17/93
DATE RECEIVED.. 08/17/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP5-50-52

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	3		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	16		
CIS-1,2-DICHLOROETHENE	3		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	10		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

DATE ISSUED 08/18/93

COPIES TO:

DATE RUN..... 08/17/93
DATE REPORTED.. 08/17/93

ORIGINAL

J M Slavin LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326159

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/17/93
DATE RECEIVED.. 08/17/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP5-62-64

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	10		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	9		
CIS-1,2-DICHLOROETHENE	2		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	37		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	34		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	3		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/18/93

DATE RUN..... 08/17/93
DATE REPORTED.. 08/17/93

J M Blavin
LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326242

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/17/93
TIME COLLECTED. 1400 HRS.
DATE RECEIVED.. 08/17/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP5-80-82

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	17		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	5		
CIS-1,2-DICHLOROETHENE	4		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	64		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	78		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	5		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

DATE ISSUED 08/18/93

COPIES TO:

DATE RUN..... 08/17/93
DATE REPORTED.. 08/18/93

ORIGINAL

J M Klein LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326243

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/17/93
TIME COLLECTED. 1515 HRS.
DATE RECEIVED.. 08/17/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP6-34-36

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	2		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE ISSUED 08/18/93

DATE RUN..... 08/17/93
DATE REPORTED.. 08/18/93

J M Stevens
LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326244

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/17/93
DATE RECEIVED.. 08/17/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP6-50-52

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE ISSUED 08/18/93

DATE RUN..... 08/17/93
DATE REPORTED.. 08/18/93

ORIGINAL

J M Slavin
LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
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LAB NO: 9326245

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/17/93
TIME COLLECTED. 1645 HRS.
DATE RECEIVED.. 08/17/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP6-64-66

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	5		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	2		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	25		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	11		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	2		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE RUN..... 08/17/93
DATE REPORTED.. 08/18/93

J M Marino
LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326246

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/17/93
TIME COLLECTED. 1445 HRS.
DATE RECEIVED.. 08/17/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP-FB-081793

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE RUN..... 08/17/93
DATE REPORTED.. 08/18/93

J M Slavin
LABORATORY DIRECTOR

ORIGINAL

V 0039

H2M LABS, INC.

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(516)694-3040 FAX:(516)694-4122

LAB NO: 9326247

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/17/93
DATE RECEIVED.. 08/17/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP=TB-081793

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE RUN..... 08/17/93
DATE REPORTED.. 08/18/93

J M Slavin
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ORIGINAL

H2M LABS, INC.

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LAB NO: 9326254

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/18/93
DATE RECEIVED.. 08/18/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP7-34-36

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	3		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	8		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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LABORATORY DIRECTOR

H2M LABS, INC.

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(516)694-3040 FAX:(516)694-4122

LAB NC

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/18/93
DATE RECEIVED.. 08/18/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP7-50-52

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	5		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	22		
CIS-1,2-DICHLOROETHENE	10		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	2		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	21		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE RUN..... 08/18/93
DATE REPORTED.. 08/18/93

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB N

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/18/93
DATE RECEIVED.. 08/18/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP8-50-52

REMARKS: USEPA-CIRCUITRON

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	2		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	2		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE RUN..... 08/18/93
DATE REPORTED.. 08/18/93

ORIGINAL

JM

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/18/93
DATE RECEIVED.. 08/18/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP8-64-66

REMARKS: USEPA-CIRCUITRON

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	9		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	5		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE RUN..... 08/18/93
DATE REPORTED.. 08/18/93

ORIGINAL

J.M.

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326317

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/18/93
DATE RECEIVED.. 08/18/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP6-80-82

REMARKS: USEPA-CIRCUITRON

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	23		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	3		
CIS-1,2-DICHLOROETHENE	3		
CHLOROFORM	2		
1,1,1-TRICHLOROETHANE	110		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	23		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	20		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE ISSUED 08/18/93

DATE RUN..... 08/18/93
DATE REPORTED.. 08/18/93

ORIGINAL

J M Mason
LABORATORY DIRECTOR

H2M LABS, INC.

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LAB NO: 9326418

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/18/93
DATE RECEIVED.. 08/18/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP8-80-82

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	2		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	2		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	10		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	5		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	2		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE ISSUED 08/19/93

DATE RUN..... 08/18/93
DATE REPORTED.. 08/19/93

J M Slavin LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

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LAB NO: 9326419

ZEBRA/ENVIRONMENTAL CORP.
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427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/18/93
DATE RECEIVED.. 08/18/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DPTB081893

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/19/93

DATE RUN..... 08/18/93
DATE REPORTED.. 08/19/93

ORIGINAL

J M Slavin
LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326420

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/18/93
DATE RECEIVED.. 08/18/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP-FB081893

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE ISSUED 08/19/9

DATE RUN..... 08/18/93
DATE REPORTED.. 08/19/93

ORIGINAL

J M Stevens
LABORATORY DIRECTO

H2M LABS, INC.

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(516)694-3040 FAX:(516)694-4122

LAB NO: 9326421

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/18/93
DATE RECEIVED.. 08/18/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP9-34-36

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	2		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/19/93

DATE RUN..... 08/18/93
DATE REPORTED.. 08/19/93

ORIGINAL

J M Slavin
LABORATORY DIRECTOR

H2M LABS, INC.

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LAB NO: 9326422

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/18/93
DATE RECEIVED.. 08/18/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP9-50-52

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	2		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE ISSUED 08/19/93

DATE RUN..... 08/18/93
DATE REPORTED.. 08/19/93

J M Slavin LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

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LAB NO: 9326452

ZEBRA/ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/18/93
DATE RECEIVED.. 08/19/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP9-64-66

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	14		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	3		
CIS-1,2-DICHLOROETHENE	1		
CHLOROFORM	3		
1,1,1-TRICHLOROETHANE	53		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	22		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	5		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE ISSUED 08/19/93

DATE RUN..... 08/19/93
DATE REPORTED.. 08/19/93

J M Alvin
LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

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LAB NO: 9326453

ZEBRA/ ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/18/93
DATE RECEIVED.. 08/19/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP9-80-82

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	48		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	7		
CIS-1,2-DICHLOROETHENE	5		
CHLOROFORM	1		
1,1,1-TRICHLOROETHANE	160		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	1		
TRICHLOROETHENE	22		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	27		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/19/93

DATE RUN..... 08/19/93
DATE REPORTED.. 08/19/93

J M Stevens LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

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LAB NO: 9326454

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/19/93
DATE RECEIVED.. 08/19/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP7-64-66

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	12		
CIS-1,2-DICHLOROETHENE	6		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	6		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	14		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/19/93

DATE RUN..... 08/19/93
DATE REPORTED.. 08/19/93

J. M. Stevens LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326519

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/19/93
DATE RECEIVED.. 08/19/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP2-80-82

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	23		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	5		
CIS-1,2-DICHLOROETHENE	3		
CHLOROFORM	1		
1,1,1-TRICHLOROETHANE	94		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	78		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	6		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/20/93

DATE RUN..... 08/19/93
DATE REPORTED.. 08/19/93

J M Abrams LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326520

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/19/93
DATE RECEIVED.. 08/19/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP10-34-36

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/20/93

DATE RUN..... 08/19/93
DATE REPORTED.. 08/19/93

ORIGINAL

J M Slavin LABORATORY DIRECTOR

V 0055

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
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LAB NO: 9326521

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/19/93
DATE RECEIVED.. 08/19/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP10-50-52

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/20/93

DATE RUN..... 08/19/93
DATE REPORTED.. 08/19/93

J M Slavin LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
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LAB NO: 9326628

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/19/93
TIME COLLECTED. 1410 HRS.
DATE RECEIVED.. 08/19/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP10-64-66

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	3		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	3		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	11		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	9		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	2		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/20/93

DATE RUN..... 08/19/93
DATE REPORTED.. 08/20/93

J M Slavin
LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

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LAB NO: 9326629

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/19/93
TIME COLLECTED. 1530 HRS.
DATE RECEIVED.. 08/19/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP11-34-36

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/20/93

DATE RUN..... 08/11/93
DATE REPORTED.. 08/20/93

J M Slavin
LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326630

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/19/93
TIME COLLECTED. 1615 HRS.
DATE RECEIVED.. 08/19/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP11-50-52

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/20/93

DATE RUN..... 08/19/93
DATE REPORTED.. 08/20/93

ORIGINAL

J M Slavin LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326631

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/19/93
TIME COLLECTED. 1450 HRS.
DATE RECEIVED.. 08/19/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP-FB081993

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE ISSUED 08/20/93

DATE RUN..... 08/19/93
DATE REPORTED.. 08/20/93

J M Alevin
LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326632

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/19/93
DATE RECEIVED.. 08/19/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP-TB081993

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE ISSUED 08/20/93

DATE RUN..... 08/19/93
DATE REPORTED.. 08/20/93

ORIGINAL

J M Levin
LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326707

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/20/93
DATE RECEIVED.. 08/20/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP12-34-36

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	21		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	120		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	3		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE ISSUED 08/23/93

DATE RUN..... 08/20/93
DATE REPORTED.. 08/23/93

J. M. Shavin
LABORATORY DIRECTOR

ORIGINAL

V 0062

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326708

ZEBRA, ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/20/93
DATE RECEIVED.. 08/20/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP12-50-52

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	17		
CIS-1,2-DICHLOROETHENE	1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	2		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	3		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/23/93

DATE RUN..... 08/20/93
DATE REPORTED.. 08/23/93

ORIGINAL

J M Stevens
LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326709

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/20/93
DATE RECEIVED.. 08/20/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP12-64-66

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	10		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	13		
CIS-1,2-DICHLOROETHENE	3		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	33		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	43		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	5		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/23/93

DATE RUN..... 08/20/93
DATE REPORTED.. 08/23/93

J.M. Alevin
LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326710

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/20/93
DATE RECEIVED.. 08/20/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP13-34-36

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	9		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	45		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/23/93

DATE RUN..... 08/20/93
DATE REPORTED.. 08/23/93

ORIGINAL

J.M. Slavin
LABORATORY DIRECTOR

V. 0065

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326711

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/20/93
DATE RECEIVED.. 08/20/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP13-50-52

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	8		
CIS-1,2-DICHLOROETHENE	4		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	2		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/23/93

DATE RUN..... 08/20/93
DATE REPORTED.. 08/23/93

J M Stevens LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326784

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/20/93
DATE RECEIVED.. 08/20/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP-TB082093

REMARKS: USEPA-CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/23/93

DATE RUN..... 08/20/93
DATE REPORTED.. 08/23/93

J M Levin
LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326785

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/20/93
DATE RECEIVED.. 08/20/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP-FB082093

REMARKS: USEPA-CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/23/93

DATE RUN..... 08/20/93
DATE REPORTED.. 08/23/93

J M Alvino LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/20/93
DATE RECEIVED.. 08/20/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP13-64-66

REMARKS: USEPA-CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	10		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	8		
CIS-1,2-DICHLOROETHENE	2		
CHLOROFORM	1		
1,1,1-TRICHLOROETHANE	40		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	36		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	2		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE RUN..... 08/20/93
DATE REPORTED.. 08/23/93

ORIGINAL

LABORATORY D

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9326

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/20/93
DATE RECEIVED.. 08/20/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP13-80-82

REMARKS: USEPA-CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	5		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	5		
CIS-1,2-DICHLOROETHENE	6		
CHLOROFORM	52		
1,1,1-TRICHLOROETHANE	21		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	21		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	15		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE REPORTED.. 08/23/93

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J-M LAB

H2M LABS, INC.

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(516)694-3040 FAX:(516)694-4122

LAB NO: 9326

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/20/93
DATE RECEIVED.. 08/20/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP14-64-66

REMARKS: USEPA-CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	2		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	2		
1,1,1-TRICHLOROETHANE	12		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	4		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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H2M LABS, INC.

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(516)694-3040 FAX:(516)694-4122

LAB NO: 9327

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/24/93
DATE RECEIVED.. 08/24/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP15-34-36

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	4		
CIS-1,2-DICHLOROETHENE	9		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	4		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	3		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	4		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE REPORTED.. 08/25/93

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H2M LABS, INC.

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(516)694-3040 FAX:(516)694-4122

LAB NO: 9327004

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/24/93
DATE RECEIVED.. 08/24/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP15-50-52

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	2.2		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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LAB NO: 9327005

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/24/93
DATE RECEIVED.. 08/24/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP16-34-36

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	12		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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(516)694-3040 FAX:(516)694-4122

LAB NO: 9327006

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/24/93
DATE RECEIVED.. 08/24/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP16-50-52

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9327007

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/24/93
DATE RECEIVED.. 08/24/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP16-64-66

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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H2M LABS, INC.

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(516)694-3040 FAX:(516)694-4122

LAB NO: 9327065

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/24/93
DATE RECEIVED.. 08/24/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP17-34-36

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE REPORTED.. 08/25/93

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J. M. [illegible] LABORATORY DIRECTOR

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9327066

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/24/93
DATE RECEIVED.. 08/24/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP17-50-52

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	2		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE RUN..... 08/24/93
DATE REPORTED.. 08/25/93

LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9327067

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/24/93
DATE RECEIVED.. 08/24/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP17-64-66

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	3		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	15		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	7		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

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DATE RUN..... 08/24/93
DATE REPORTED.. 08/25/93

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J M Hevin
LABORATORY DIRECTOR

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575 Broad Hollow Road, Melville, N.Y. 11747
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LAB NO: 9327068

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/24/93
DATE RECEIVED.. 08/24/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP-FB082493

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/25/93

DATE RUN..... 08/24/93
DATE REPORTED.. 08/25/93

LABORATORY DIRECTOR

ORIGINAL

H2M LABS, INC.

575 Broad Hollow Road, Melville, N.Y. 11747
(516)694-3040 FAX:(516)694-4122

LAB NO: 9327069

ZEBRA ENVIRONMENTAL CORP.
PAUL FLIESCHMAN
427 5TH AVE.
CEDARHURST, NY 11516

TYPE..... GROUND WATER
ROUTINE

DATE COLLECTED. 08/24/93
DATE RECEIVED.. 08/24/93
COLLECTED BY... CL99

POINT NO:
LOCATION: DP-TB082493

REMARKS: CIRCUITRON SAMPLING

VOLATILE ORGANICS (METHOD 601) - (ug/l)

PARAMETER (S)	RESULT	PARAMETER (S)	RESULT
DICHLORODIFLUOROMETHANE	<1		
CHLOROMETHANE	<1		
VINYL CHLORIDE	<1		
BROMOMETHANE	<1		
CHLOROETHANE	<1		
FLUOROTRICHLOROMETHANE	<1		
1,1-DICHLOROETHENE	<1		
METHYLENE CHLORIDE	<1		
TRANS-1,2-DICHLOROETHENE	<1		
1,1-DICHLOROETHANE	<1		
CIS-1,2-DICHLOROETHENE	<1		
CHLOROFORM	<1		
1,1,1-TRICHLOROETHANE	<1		
CARBON TETRACHLORIDE	<1		
1,2-DICHLOROETHANE	<1		
TRICHLOROETHENE	<1		
1,2-DICHLOROPROPANE	<1		
BROMODICHLOROMETHANE	<1		
TRANS-1,3-DICHLOROPROPENE	<1		
CIS-1,3-DICHLOROPROPENE	<1		
1,1,2-TRICHLOROETHANE	<1		
TETRACHLOROETHENE	<1		
CHLORODIBROMOMETHANE	<1		
CHLOROBENZENE	<1		
BROMOFORM	<1		
1,1,2,2-TETRACHLOROETHANE	<1		
M-DICHLOROBENZENE	<1		
P-DICHLOROBENZENE	<1		
O-DICHLOROBENZENE	<1		

COPIES TO:

DATE ISSUED 08/25/93

DATE RUN..... 08/24/93
DATE REPORTED.. 08/25/93

ORIGINAL

J M Alvino
LABORATORY DIRECTOR

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 624

Sample No.

Lab Name: H2M Labs Inc. | VBLK16 |

Lab Code: H2M LABS Case No. SAS No.: SDG NO.ZEB001,2
Matrix: (soil/water): WATER Lab Sample ID:VBLK8/16 5
Sample wt/vol : 5 (g/ml) ML Date Received:8/16/93
Level: (low/med): LOW Date/Time analyzed:930816 16:07
% Moisture: 100.0 Dilution Factor:1.0000
Column: (pack/cap): CAP

Concentration Units (ug/l or ug/kg): ug/L

Compound Name		Conc.	Compound Name		Conc.
74-87-3	Chloromethane	10.	IU		
74-83-9	Bromomethane	10.	IU		
75-01-4	Vinyl Chloride	10.	IU		
75-00-3	Chloroethane	10.	IU		
75-09-2	Methylene Chloride	5.	IU		
75-69-4	Trichlorofluoromethane	5.	IU		
75-35-4	1,1-Dichloroethene	5.	IU		
75-34-3	1,1-Dichloroethane	5.	IU		
540-59-0	1,2-Dichloroethene (total)	5.	IU		
67-66-3	Chloroform	5.	IU		
107-06-2	1,2-Dichloroethane	5.	IU		
71-55-6	1,1,1-Trichloroethane	5.	IU		
56-23-5	Carbon Tetrachloride	5.	IU		
110-75-8	Chloroethylvinylether	10.	IU		
75-27-4	Bromodichloromethane	5.	IU		
78-87-5	1,2-Dichloropropane	5.	IU		
10061-01-5	cis-1,3-Dichloropropene	5.	IU		
79-01-6	Trichloroethene	5.	IU		
124-48-1	Dibromochloromethane	5.	IU		
79-00-5	1,1,2-Trichloroethane	5.	IU		
71-43-2	Benzene	5.	IU		
10061-02-6	trans-1,3-Dichloropropene	5.	IU		
75-25-2	Bromoform	5.	IU		
127-18-4	Tetrachloroethene	5.	IU		
79-34-5	1,1,2,2-Tetrachloroethane	5.	IU		
108-88-3	Toluene	5.	IU		
108-90-7	Chlorobenzene	5.	IU		
100-41-4	Ethylbenzene	5.	IU		
541-73-1	1,3-Dichlorobenzene	5.	IU		
106-46-7	1,4-Dichlorobenzene	5.	IU		
95-50-1	1,2-Dichlorobenzene	5.	IU		
1330-20-7	Xylene (total)	5.	IU		

DATE REPORTED :9/10/93
REPORTED BY :SCOTT Run Number:CT392::A2 VC086A

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

(Method 601)

SAMPLE NO.

METHOD BLANK

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: _____ Case No: _____ SAS No: _____ SDG No: ZEB 001-011

Matrix: WATER Lab Sample ID: METHOD BLANK

Sample vol.: 5 ml. Lab File ID: VH 48

Column: (pack/(cap)) Rtx-502.2 Date Received: —

Dilution Factor 1 Date Analyzed: 8/19/93

CAS NO.	COMPOUNDS	CONC UNIT ug/L	Q
75-71-8	Dichlorodifluoromethane	1	U
74-87-3	Chloromethane		
75-01-4	Vinyl chloride		
74-83-9	Bromomethane		
75-00-3	Chloroethane		
106-46-7	Trichlorofluoromethane		
75-35-4	1,1-Dichloroethene		
75-09-2	Methylene chloride		
156-60-5	trans-1,2-Dichloroethene		
75-35-3	1,1-Dichloroethane		
67-66-3	Chloroform		
71-55-6	1,1,1-Trichloroethane		
56-23-5	Carbon tetrachloride		
107-06-2	1,2-Dichloroethane		
79-01-6	Trichloroethene		
78-87-5	1,2-Dichloropropane		
75-27-4	Bromodichloromethane		
10061-02-6	cis-1,3-Dichloropropene		
10061-01-5	trans-1,3-Dichloropropene		
79-00-5	1,1,2-Trichloroethane		
127-18-4	Tetrachloroethene		
124-48-1	Dibromochloromethane		
108-90-7	Chlorobenzene		
75-25-2	Bromoform		
79-34-5	1,1,2,2-Tetrachloroethane		
541-73-1	1,3-Dichlorobenzene		
106-46-7	1,4-Dichlorobenzene		
95-50-1	1,2-Dichlorobenzene		
~~110-75-8~~	~~2-chloroethylvinylether~~		
540-59-0	cis-1,2-DICHLOROETHENE	↓	↓

9/7/93

FORM I VOA

V 0087

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

(Method 601)

SAMPLE NO.

METHOD BLANK

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: _____ Case No: _____ SAS No: _____ SDG No: ZEB 012-013

Matrix: WATER Lab Sample ID: METHOD BLANK

Sample vol.: 5 ml. Lab File ID: VH 02

Column: (pack/(cap)) Rtx-502.2 Date Received: —

Dilution Factor 1 Date Analyzed: 8/20/93

CAS NO.	COMPOUNDS	CONC UNIT ug/L	Q
75-71-8	Dichlorodifluoromethane	1	U
74-87-3	Chloromethane		
75-01-4	Vinyl chloride		
74-83-9	Bromomethane		
75-00-3	Chloroethane		
106-46-7	Trichlorofluoromethane		
75-35-4	1,1-Dichloroethene		
75-09-2	Methylene chloride		
156-60-5	trans-1,2-Dichloroethene		
75-35-3	1,1-Dichloroethane		
67-66-3	Chloroform		
71-55-6	1,1,1-Trichloroethane		
56-23-5	Carbon tetrachloride		
107-06-2	1,2-Dichloroethane		
79-01-6	Trichloroethene		
78-87-5	1,2-Dichloropropane		
75-27-4	Bromodichloromethane		
10061-02-6	cis-1,3-Dichloropropene		
10061-01-5	trans-1,3-Dichloropropene		
79-00-5	1,1,2-Trichloroethane		
127-18-4	Tetrachloroethene		
124-48-1	Dibromochloromethane		
108-90-7	Chlorobenzene		
75-25-2	Bromoform		
79-34-5	1,1,2,2-Tetrachloroethane		
541-73-1	1,3-Dichlorobenzene		
106-46-7	1,4-Dichlorobenzene		
95-50-1	1,2-Dichlorobenzene		
~~110-75-8~~	~~2-chloroethylvinylether~~		
540-59-0	cis-1,2-DICHLOROETHENE	↓	↓

9/7/93

FORM I VOA

H2M LABS, INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

(Method 601)

SAMPLE NO.

METHOD BLANK

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: _____ Case No: _____ SAS No: _____ SDG No: ZEB 014-015

Matrix: WATER Lab Sample ID: METHOD BLANK

Sample vol.: 5 ml. Lab File ID: VH 09

Column: (pack/(cap)) Rtx-502.2 Date Received: —

Dilution Factor 1 Date Analyzed: 8/24/93

CAS NO.	COMPOUNDS	CONC UNIT ug/L	Q
75-71-8	Dichlorodifluoromethane	1	U
74-87-3	Chloromethane		
75-01-4	Vinyl chloride		
74-83-9	Bromomethane		
75-00-3	Chloroethane		
106-46-7	Trichlorofluoromethane		
75-35-4	1,1-Dichloroethene		
75-09-2	Methylene chloride		
156-60-5	trans-1,2-Dichloroethene		
75-35-3	1,1-Dichloroethane		
67-66-3	Chloroform		
71-55-6	1,1,1-Trichloroethane		
56-23-5	Carbon tetrachloride		
107-06-2	1,2-Dichloroethane		
79-01-6	Trichloroethene		
78-87-5	1,2-Dichloropropane		
75-27-4	Bromodichloromethane		
10061-02-6	cis-1,3-Dichloropropene		
10061-01-5	trans-1,3-Dichloropropene		
79-00-5	1,1,2-Trichloroethane		
127-18-4	Tetrachloroethene		
124-48-1	Dibromochloromethane		
108-90-7	Chlorobenzene		
75-25-2	Bromoform		
79-34-5	1,1,2,2-Tetrachloroethane		
541-73-1	1,3-Dichlorobenzene		
106-46-7	1,4-Dichlorobenzene		
95-50-1	1,2-Dichlorobenzene		
~~110-75-8~~	~~2-chloroethylvinylether~~		
540-59-0	cis-1,2-DICHLOROETHENE	↓	↓

9/7/93

FORM I VOA

- **Drive Point CLP Analytical Data, August 16 - 24, 1993**

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

01 TB 8:7

Lab Name: COMPUCHEM,RTP Contract: SAS8018HO

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HO SDG No.: 01

Lab Sample ID: 571442 Date Received: 08/18/93

Lab File ID: CN071442B51 Date Analyzed: 08/20/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	UJ
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	~~U~~R
75-09-2	Methylene Chloride	2	BJ
67-64-1	Acetone	5	~~U~~R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
156-60-5	trans-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~~R
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	~~U~~R
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
100-42-5	Styrene	1	U
1330-20-7	Xylenes(Total)	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	~~U~~R
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

01

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 571442 Date Received: 08/18/93

Lab File ID: CN071442B51 Date Analyzed: 08/20/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

COMPUCHEM LABORATORIES, INC.

QUALITY ASSURANCE NOTICE

CompuChem ID# 571442
Client ID# 01
Case # 20580

It is recommended in various sampling guides that aqueous volatile samples be preserved with HCl to a pH of 2 during field collection. Proper field preservation of samples is verified at the time of receipt at the laboratory with one exception: the pH of all aqueous volatile samples is not measured until after analysis. The pH of this sample was found to be greater than 2, which indicates the sample was improperly preserved. The data are reported with reference to this observation.

Reviewer's initials/ID OKS / 983

Date 8-26-93

QAN-V-17
930630

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

02 DP-1

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 571444 Date Received: 08/18/93

Lab File ID: CN071444B51 Date Analyzed: 08/20/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	UJ
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	~~U~~R
75-09-2	Methylene Chloride	2~~1~~	~~BU~~J
67-64-1	Acetone	5	~~U~~R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
156-60-5	trans-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~~R
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	~~U~~R
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
100-42-5	Styrene	1	U
1330-20-7	Xylenes(Total)	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	~~U~~R
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

02

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 571444 Date Received: 08/18/93

Lab File ID: CN071444B51 Date Analyzed: 08/20/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

COMPUCHEM LABORATORIES, INC.

QUALITY ASSURANCE NOTICE

CompuChem ID# 571444
Client ID# 02
Case # 20580

It is recommended in various sampling guides that aqueous volatile samples be preserved with HCl to a pH of 2 during field collection. Proper field preservation of samples is verified at the time of receipt at the laboratory with one exception: the pH of all aqueous volatile samples is not measured until after analysis. The pH of this sample was found to be greater than 2, which indicates the sample was improperly preserved. The data are reported with reference to this observation.

Reviewer's initials/ID DKS/983

Date 5-26-93

QAN-V-17
10

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

03

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 571445 Date Received: 08/18/93

Lab File ID: CN071445B51 Date Analyzed: 08/20/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	UJ
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	UR
75-09-2	Methylene Chloride	3	BJ
67-64-1	Acetone	5	UR
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
156-60-5	trans-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	UR
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	UR
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
100-42-5	Styrene	1	U
1330-20-7	Xylenes(Total)	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	UR
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

03

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 571445 Date Received: 08/18/93

Lab File ID: CN071445B51 Date Analyzed: 08/20/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

COMPUCHEM LABORATORIES, INC.

QUALITY ASSURANCE NOTICE

CompuChem ID# 571445
Client ID# 03
Case # 10580

It is recommended in various sampling guides that aqueous volatile samples be preserved with HCl to a pH of 2 during field collection. Proper field preservation of samples is verified at the time of receipt at the laboratory with one exception: the pH of all aqueous volatile samples is not measured until after analysis. The pH of this sample was found to be greater than 2, which indicates the sample was improperly preserved. The data are reported with reference to this observation.

Reviewer's initials/ID dks / 983

Date 8-26-93

QAN-V-17
930630

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

04 DP-5

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 571446 Date Received: 08/18/93

Lab File ID: CN071446B51 Date Analyzed: 08/20/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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~~R
75-09-2	Methylene Chloride	3	~~B~~UJ
67-64-1	Acetone	5	~~U~~R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	3	
75-34-3	1,1-Dichloroethane	13	
156-59-4	cis-1,2-Dichloroethene	2	
156-60-5	trans-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~~R
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	8	
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
106-93-4	1,2-Dibromoethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	~~U~~R
127-18-4	Tetrachloroethene	0.7	J
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
100-42-5	Styrene	1	U
1330-20-7	Xylenes(Total)	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	~~U~~R
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U

1LCE

EPA SAMPLE NO.

04

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 571446 Date Received: 08/18/93

Lab File ID: CN071446B51 Date Analyzed: 08/20/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	UNKNOWN	7.95	100	J

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

05 PB 21-1

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 571447 Date Received: 08/18/93

Lab File ID: CN071447B51 Date Analyzed: 08/20/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	UJ
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	~~U~~R
75-09-2	Methylene Chloride	1	BJ
67-64-1	Acetone	5	~~U~~R
75-15-0	Carbon Disulfide	2	
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
156-60-5	trans-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~~R
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	~~U~~R
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
100-42-5	Styrene	1	U
1330-20-7	Xylenes(Total)	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	~~U~~R
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U

1LCE

_ LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

05

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 571447 Date Received: 08/18/93

Lab File ID: CN071447B51 Date Analyzed: 08/20/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

COMPUCHEM LABORATORIES, INC.

QUALITY ASSURANCE NOTICE

CompuChem ID# 571447
Client ID# 05
Case # 20580

It is recommended in various sampling guides that aqueous volatile samples be preserved with HCl to a pH of 2 during field collection. Proper field preservation of samples is verified at the time of receipt at the laboratory with one exception: the pH of all aqueous volatile samples is not measured until after analysis. The pH of this sample was found to be greater than 2, which indicates the sample was improperly preserved. The data are reported with reference to this observation.

Reviewer's initials/ID 045 / 983

Date 8-26-93

QAN-V-17
930630

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

06

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 572137 Date Received: 08/20/93

Lab File ID: CN072137B51 Date Analyzed: 08/23/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1	UJ
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	~~U~~ K
75-09-2	Methylene Chloride	4	B J
67-64-1	Acetone	5	~~U~~ R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
156-60-5	trans-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~~ R
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	~~U~~ R
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
100-42-5	Styrene	1	U
1330-20-7	Xylenes(Total)	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	~~U~~ R
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

06

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 572137 Date Received: 08/20/93

Lab File ID: CN072137B51 Date Analyzed: 08/23/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

07 DP-8

Lab Name: COMPUCHEM,RTP Contract: SAS8018HO

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HO SDG No.: 01

Lab Sample ID: 572138 Date Received: 08/20/93

Lab File ID: CN072138B51 Date Analyzed: 08/23/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1	UJ
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	~~U~~R
75-09-2	Methylene Chloride	3	~~U~~BJ
67-64-1	Acetone	22	J
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	4	
75-34-3	1,1-Dichloroethane	3	
156-59-4	cis-1,2-Dichloroethene	1	U
156-60-5	trans-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~~R
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	13	
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	6	
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
106-93-4	1,2-Dibromoethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	~~U~~R
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
100-42-5	Styrene	1	U
1330-20-7	Xylenes(Total)	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	~~U~~R
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

07

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 572138 Date Received: 08/20/93

Lab File ID: CN072138B51 Date Analyzed: 08/23/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	LABORATORY ARTIFACT	17.79	2	~~B~~ R

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

08

Lab Name: COMPUCHEM,RTP Contract: SAS8018HO

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HO SDG No.: 01

Lab Sample ID: 572139 Date Received: 08/20/93

Lab File ID: CN072139B51 Date Analyzed: 08/23/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1	UJ
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	~~U~~R
75-09-2	Methylene Chloride	4	BJ
67-64-1	Acetone	5	~~U~~R
75-15-0	Carbon Disulfide	1	
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
156-60-5	trans-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~~R
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	~~U~~R
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
100-42-5	Styrene	1	U
1330-20-7	Xylenes(Total)	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	~~U~~R
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

08

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 572139 Date Received: 08/20/93

Lab File ID: CN072139B51 Date Analyzed: 08/23/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

09 DP-10

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 572140 Date Received: 08/20/93

Lab File ID: CN072140B51 Date Analyzed: 08/23/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1	UJ
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	~~U~~R
75-09-2	Methylene Chloride	2	~~U~~UJ
67-64-1	Acetone	5	~~U~~R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
156-60-5	trans-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~~R
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	~~U~~R
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
100-42-5	Styrene	1	U
1330-20-7	Xylenes(Total)	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	~~U~~R
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

09

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 572140 Date Received: 08/20/93

Lab File ID: CN072140B51 Date Analyzed: 08/23/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

10

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 572141 Date Received: 08/20/93

Lab File ID: CN072141B51 Date Analyzed: 08/23/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (ug/L)	Q
74-87-3	Chloromethane	1	UJ
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	~~U~~R
75-09-2	Methylene Chloride	3	BJ
67-64-1	Acetone	5	~~U~~R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
156-60-5	trans-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~~R
74-97-5	Bromochloromethane	0.7	J
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	~~U~~R
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
100-42-5	Styrene	1	U
1330-20-7	Xylenes(Total)	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	~~U~~R
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

10

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 572141 Date Received: 08/20/93

Lab File ID: CN072141B51 Date Analyzed: 08/23/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

11

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 572528 Date Received: 08/21/93

Lab File ID: CN072528B51 Date Analyzed: 08/25/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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~~ R
75-09-2	Methylene Chloride	5	B J
67-64-1	Acetone	5	~~U~~ R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
156-60-5	trans-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~~ R
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	~~U~~ R
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
100-42-5	Styrene	1	U
1330-20-7	Xylenes(Total)	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	~~U~~ R
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

11

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 572528 Date Received: 08/21/93

Lab File ID: CN072528B51 Date Analyzed: 08/25/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

12 DP-12

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 572529 Date Received: 08/21/93

Lab File ID: CN072529B51 Date Analyzed: 08/25/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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~~ R
75-09-2	Methylene Chloride	5	~~B~~ UJ
67-64-1	Acetone	5	~~B~~ R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	12	
75-34-3	1,1-Dichloroethane	15	
156-59-4	cis-1,2-Dichloroethene	3	
156-60-5	trans-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~~ R
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	~~34~~ 37	~~E~~
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	~~35~~ 36	~~E~~
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	
71-43-2	Benzene	1	U
10061-02-6	Trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
106-93-4	1,2-Dibromoethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	~~U~~ R
127-18-4	Tetrachloroethene	4	
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	0.8	J
108-90-7	Chlorobenzene	1	
100-41-4	Ethylbenzene	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylenes(Total)	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	~~U~~ R
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

12

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 572529 Date Received: 08/21/93

Lab File ID: CN072529B51 Date Analyzed: 08/25/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	UNKNOWN	5.92	~~5~~ 3	J
2.	OXYGENATED UNKNOWN	7.85	~~190~~ 140	J
3.	LABORATORY ARTIFACT	17.70	2	~~J~~ R

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

13 DP-13e

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 572530 Date Received: 08/21/93

Lab File ID: CN072530B51 Date Analyzed: 08/25/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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~~R
75-09-2	Methylene Chloride	4	~~B~~UJ
67-64-1	Acetone	5	~~U~~R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
156-60-5	trans-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~~R
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	~~U~~R
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
100-42-5	Styrene	1	U
1330-20-7	Xylenes(Total)	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	~~U~~R
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

13

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 572530 Date Received: 08/21/93

Lab File ID: CN072530B51 Date Analyzed: 08/25/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

14

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 572531 Date Received: 08/21/93

Lab File ID: C2R72531A51 Date Analyzed: 08/26/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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~~R
75-09-2	Methylene Chloride	0.5	BJ
67-64-1	Acetone	5	~~U~~R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
156-60-5	trans-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~~R
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	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
106-93-4	1,2-Dibromoethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	~~U~~R
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
100-42-5	Styrene	1	U
1330-20-7	Xylenes(Total)	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	~~U~~R
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

14

Lab Name: COMPUCHEM,RTP Contract: SAS8018HO

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HO SDG No.: 01

Lab Sample ID: 572531 Date Received: 08/21/93

Lab File ID: C2R72531A51 Date Analyzed: 08/26/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q

1LCA

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

15 DP-13

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 572532 Date Received: 08/21/93

Lab File ID: CN072532B51 Date Analyzed: 08/25/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION (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~~R
75-09-2	Methylene Chloride	3	~~B~~UJ
67-64-1	Acetone	5	~~U~~R
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	7	
75-34-3	1,1-Dichloroethane	6	
156-59-4	cis-1,2-Dichloroethene	7	
156-60-5	trans-1,2-Dichloroethene	1	U
67-66-3	Chloroform	56 ~~48~~	~~B~~
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	~~U~~R
74-97-5	Bromochloromethane	1	U
71-55-6	1,1,1-Trichloroethane	23	
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	22	
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
106-93-4	1,2-Dibromoethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	~~U~~R
127-18-4	Tetrachloroethene	20	
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
100-42-5	Styrene	1	U
1330-20-7	Xylenes(Total)	1	U
96-12-8	1,2-Dibromo-3-Chloropropane	1	~~U~~R
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U

1LCE

LOW CONC. WATER VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

15

Lab Name: COMPUCHEM,RTP Contract: SAS8018HQ

Lab Code: COMPU Case No.: 20580 SAS No.: 8018HQ SDG No.: 01

Lab Sample ID: 572532 Date Received: 08/21/93

Lab File ID: CN072532B51 Date Analyzed: 08/25/93

Purge Volume: 25.0 (ml) Dilution Factor: 1.0

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC. (ug/L)	Q
1.	OXYGENATED UNKNOWN	7.87	5	J

Appendix B

- **Potential ARARS**

APPENDIX B

IDENTIFICATION OF POTENTIALLY APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

U.S. Environmental Protection Agency (EPA) policy, as reflected in the Superfund Amendments and Reauthorization Act of 1986 (SARA) and in the National Contingency Plan (NCP), provides that the development and evaluation of remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA or Superfund) must include alternative site responses able to meet potential applicable or relevant and appropriate federal and state environmental and public health requirements (ARARs).

Potential ARARs are defined as follows:

- Applicable Requirements, which are those cleanup standards, standards of control, and other substantive environmental protection requirements promulgated under federal or state law that specifically address a hazardous substance, pollutant, contaminant, remedial action, location or other circumstance at a CERCLA site.

- Relevant and Appropriate Requirements, which are those cleanup standards, standards of control, and other substantive environmental protection requirements promulgated under federal or state law that, while not applicable to a hazardous substance, pollutant, contaminant, remedial action, location, or other circumstance at a CERCLA site, address problems or situations sufficiently similar to those encountered at a CERCLA site.

Identification of potential ARARs is performed on a site-specific basis. Neither CERCLA, SARA, nor the NCP provide across-the-board standards for determining whether a particular

remedy will produce an adequate cleanup at a particular site. Rather, the process recognizes that each site will have unique characteristics that must be evaluated and compared to those requirements that apply under the given circumstances. Under SARA, permits for compliance with the Resource Conservation and Recovery Act (RCRA), National Pollutant Discharge Elimination System (NPDES), and Clean Air Act (CAA) regulations for on-site remedial actions are not required. CERCLA and SARA, however, do require that the selected remedial alternative meet relevant and appropriate regulations where possible. The remedial action selected must meet all enforceable and applicable requirements unless a waiver from specific requirements has been granted. A waiver from compliance with a specific potential ARAR can be granted for an alternative under the following circumstances:

- The alternative is an interim measure and will become part of a total remedial action that will meet potential ARARs.
- Compliance with the potential ARAR is technically impractical from an engineering perspective.
- Compliance with the potential ARAR will result in a greater risk to human health and the environment than other alternatives.
- The alternative will attain a standard of performance that is equivalent to that required under the otherwise applicable standard, requirement, or limitation through use of another method or approach.
- With respect to a state potential ARAR, the state has not consistently applied, or demonstrated the intention to consistently apply the promulgated requirement in similar circumstances at other remedial actions within the state.
- For Superfund-financed response actions only, an alternative that attains the potential ARAR will not provide a balance between the need for protection of human health and the environment at the site and the availability of Superfund monies to respond to other sites that may present a threat to human health and the environment.

A summary of possible potential ARARs and to-be-considered (TBC) criteria for the Circuitron Corporation Site is included in Table B-1.

Potential ARARs are divided into the following three categories:

- Chemical-Specific Requirements are health or risk-based concentration limits or ranges in various environmental media for specific hazardous substances pollutants, or contaminants. These limits may take the form of cleanup levels or discharge levels.

- Location-Specific Requirements are restrictions on activities that are based on the characteristics of a site or its immediate environment.

- Action-Specific Requirements are controls or restrictions on particular types of activities in related areas such as hazardous waste management or wastewater treatment.

The chemical-specific, location-specific, and action-specific potential ARARs developed for the Circuitron Corporation Site are summarized in Sections B-1, B-2, and B-3, respectively.

B-1 CHEMICAL-SPECIFIC POTENTIAL ARARs

"Chemical-specific requirements set health or risk-based concentration limits or discharge limitations in various environmental media for specific hazardous substances, pollutants, or contaminants" (52 FR 32496). These requirements generally set protective cleanup levels for the chemicals of concern in the designated media or indicate a safe level of discharge that may be incorporated in a remedial activity. The chemical specific potential ARAR's for the Circuitron Corporation Site may include the following:

1. Waste Materials

TABLE B-1

FEDERAL, STATE AND LOCAL POTENTIAL ARAR's

FEDERAL
Resource Conservation and Recovery Act (RCRA)
PCB Spill Cleanup Policy, 40 CFR, Part 761 Subpart G
Clean Water Act (CWA)
Safe Drinking Water Act (SDWA)
Occupational Safety and Health Act (OSHA)
Hazardous Materials Transportation Act (HMTA)
Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)
Toxic Substances Control Act (TSCA)
Resource Conservation and Recovery Act (RCRA) Solid Waste Disposal Act
Wilderness Act
National Environmental Policy Act; Chapter 55 (NEPA)
Clean Water Act Water Pollution Prevention and Control Act (33 USC 1251)
Quality Criteria for Water
Ambient Air Quality Standards (40 CFR 50)
Guidelines for Specification of Disposal Sites for Dredged or Fill Material (40 CFR 230)
DOT Rules for Hazardous Materials Transport (49 CFR 107, 171.1-172.604)
STATE (TO-BE-CONSIDERED)
6 NYCRR Part 200.1(d) - Air Contamination Source or Emission Source
6 NYCRR Part 201 - Permits and Certifications
6 NYCRR Part 211 - General Prohibitions [NYS Division of Air]
6 NYCRR Part 211.2 - Air Pollution Prohibited
6 NYCRR Part 212 - General Process Emission Sources
6 NYCRR Part 256 & 257 - Air Quality Standards

TABLE B-1 (CONT'D.)

FEDERAL, STATE AND LOCAL POTENTIAL ARAR's

STATE (TO-BE-CONSIDERED) (CONT'D.)
6 NYCRR Part 370 Hazardous Waste Management Systems: General
6 NYCRR Part 371 Identification and Listing of Hazardous Wastes
6 NYCRR Part 373-1 Hazardous Waste Treatment, Storage, and Disposal Facility Permitting Requirements
6 NYCRR Subpart 373-2 Final Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities (revised December 25, 1988) [NYS Division of Hazardous Substances Regulation]
6 NYCRR Subpart 373-3 Interim Status Standards for Owners and Operators of Hazardous Waste Facilities
6 NYCRR Part 374 Standards for Management for Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities
6 NYCRR Part 375 Inactive Hazardous Waste Disposal Sites [NYS Division of Hazardous Substances Regulation]
6 NYCRR Part 608 - Use and Protection of Waters
6 NYCRR Part 703 - Standards and Guidance Values for Groundwater & Groundwater Effluent Standards
6 NYCRR Part 750 - SPDES (Article 3)
6 NYCRR Part 751 - Required Permits
6 NYCRR Part 752 - Application Process for SPDES Permit
6 NYCRR Part 753 - Notice and Public Participation
6 NYCRR Part 754 - Provisions of SPDES Permits
6 NYCRR Part 756 - Monitoring, Recording & Reporting
10 NYCRR Part 170 - Sources of Water Supply (Stat. Auth., Pub Health Law Sec. 1100)
Technical and Operations Guidance Series (TOGS) a. 1.1.1 Ambient Water Quality Standards and Guidance Values b. 1.3.3 Toxicity Testing in the SPDES Permit Program c. 1.3.4 BPJ Methodologies
State Sanitary Code Part 5 - Drinking Water Supplies

TABLE B-1 (CONT'D.)

FEDERAL, STATE AND LOCAL POTENTIAL ARAR's

STATE (TO-BE-CONSIDERED) (CONT'D.)
NYSECL Title 5 Article 15 - Protection of Waters Sediment Criteria: December 1989, Guidance by Bureau of Environmental Protection [NYDEC Division of Fish and Wildlife] EPA Proposed Corrective Action Rule for Solid Waste Management Units (55 FR 30798; July 1990) Air Cleanup Criteria (prepared by: Division of Air Resources, January 8, 1990) NYSDEC Air Guide 1 - Guidelines for the Control of Toxic Ambient Air Contaminants
LOCAL
Suffolk County Public Health Ordinance Toxic & Hazardous Materials, Storage, Handling, & Control (Article VII and XII)

6 NYCRR Part 360 - Solid Waste Management Facilities (revised December 31, 1988) [NYS Division of Solid Waste]

6 NYCRR Part 372, Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities (revised December 25, 1988) [NYS Division of Hazardous Substances Regulation].

6 NYCRR Subpart 373-1 Hazardous Waste Treatment, Storage and Disposal Facility Permitting Requirements (revised December 25, 1988) [NYS Division of Hazardous Substances Regulation].

6 NYCRR Subpart 373-2 Final Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities (revised December 25, 1988) [NYS Division of Hazardous Substances Regulation].

6 NYCRR Subpart 373-3 Interim Status Standards for Owners and Operators of Hazardous Waste Facilities (revised December 25, 1988) [NYS Division of Hazardous Substances Regulation].

6 NYCRR Part 375 Inactive Hazardous Waste Disposal Sites [NYS Division of Hazardous Substances Regulation].

2. Surficial Soil Matrix

EPA Proposed Corrective Action Rule for Solid Waste Management Units (55 FR 30798; July 1990). Contaminant-specific action levels for water, soil and air are provided and are health and environmental-based levels. Action levels are based upon promulgated standards and should be distinguished from cleanup standards. Contamination exceeding action levels indicates a potential threat to human health or the environment. They inform permittee (RCRA) of levels below which the EPA [and eventually NYSDEC] is unlikely to require active remediation and provides a reference point for suggesting alternative remediation levels.

3. Air Matrix

Air Cleanup Criteria (prepared by: Division of Air Resources, January 8, 1990) [NYS Division of Air].

a. Ambient Air

NYSDEC Air Guide 1 - Guidelines for the Control of Toxic Ambient Air Contaminants: Applicable guidance document; this document presents a screening mechanism to assist the NYSDEC in determining whether and under what conditions a permit should be issued for emission sources. It

reviews control requirements under 6 NYCRR Part 212 [NYSDEC Division of Air Resources; Screening Analysis for Ambient Air Quality Impact, and Toxicity Classification [NYS Division of Air].

6 NYCRR Part 212 - General Process Emission Sources: Under this regulation, when an application is made for a permit to operate a process emission source, the Commissioner will issue an environmental rating for each air contaminant from each emission point. The degree of cleaning required is based on the ratings designed [NYS Division of Air].

b. Vent Air

6 NYCRR Part 212 - General Process Emission Sources: Under this regulation, when an application is made for a permit to operate a process emission source, the Commissioner will issue an environmental rating for each air contaminant from each emission point. The degree of cleaning required is based on the ratings designed.

4. Groundwater Matrix

6 NYCRR Part 703 - Standards and Guidance Values for Groundwater: Applicable Regulation; the purpose of this regulation is to present classifications, quality standards and effluent standards or limitations to prevent pollution of groundwater and to protect groundwater for use as potable water. Groundwater underlying the Circuitron Corporation Site is classified as GA. These standards are applicable.

10 NYCRR Part 170 - Sources of Water Supply (Stat. Auth., Pub. Health Law Sec. 1100): Applicable Regulation; this regulation applies to Class GA sources

of water in NY. These standards apply as they have been incorporated into the NYSDEC Water Quality Standards for Surface and Groundwaters (6 NYCRR Parts 700-705 effective September 1991). They appear as Class GA standards. It applies to any groundwater, surface water body, aquifer or water course from which water is regularly taken for drink...or which has been classified for present or future public beneficial use or source for domestic purposes.

State Sanitary Code - Part 5 - Drinking Water Supply (statutory authority, Public Health Law, section 225); Subpart 5.1 - Public Water supplies. Applicable Regulation; this regulation was promulgated to protect present or future sources of water supply. These standards apply as incorporated into 6 NYCRR Parts 700-705 effective September 1991. They appear in the Class GA column of Groundwater Standards. It applies to all existing and proposed sources and addresses planning, siting, treatment and approval as well as MCLs, monitoring and quality control.

B-2 LOCATION-SPECIFIC POTENTIAL ARARs

Location-specific requirements "set restrictions on activities depending on the characteristics of a site or its immediate environs" (52 FR 32496). In determining the use of these location-specific potential ARARS for selection of remedial actions at CERCLA sites, one must investigate the jurisdictional prerequisites of each of the regulations. Basic definitions, exemptions, etc., should be analyzed on a site-specific basis to confirm the correct application of the requirements. The location specific potential ARAR's for the Circuitron Corporation Site may include the following:

1. Soils

6 NYCRR Part 372 - Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities (revised December 25, 1988) [NYS Division of Hazardous Substances Regulation].

6 NYCRR Subpart 373-1 - Hazardous Waste Treatment, Storage and Disposal Facility Permitting Requirements (revised December 25, 1988) [NYS Division of Hazardous Substances Regulation].

6 NYCRR Part 375 - Inactive Hazardous Waste Disposal Sites [NYS Division of Hazardous Substances Regulation].

2. Air Quality

New York State Air Guide - 1: Guidelines for the Control of Toxic Ambient Air Contaminants (NYSDEC, Division of Air Resources); Appendix A (Screening Analysis For Ambient Air Quality Impact); Appendix B (Toxicity Classification) [NYS Division of Air].

Air Cleanup Criteria (prepared by: Division of Air Resources, January 8, 1990) [NYS Division of Air].

3. Present/Future Drinking Water Supply at Circuitron Corporation Site

6 NYCRR Part 703 - Standards and Guidance Values for Groundwater: The purpose of this regulation is to present classifications, quality standards and effluent standards or limitations to prevent pollution of groundwater and to protect groundwater for use as potable water. NYSDEC has designated all groundwater as Class GA with best usage as source of potable water.

10 NYCRR Part 170 - Sources of Water Supply (Stat. Auth., Pub. Health Law Sec. 1100): This regulation applies to Class GA sources of water in NY. It applies to any groundwater, surface water body, aquifer or water course from which water is regularly taken for drink...or which has been classified for present or future public beneficial use or source for domestic purposes.

State Sanitary Code - Part 5 - Drinking Water Supply (statutory authority, Public Health Law, section 225); Subpart 5.1 - Public Water supplies. This regulation was promulgated to protect present or future sources of water supply. It applies to all existing and proposed sources and addresses planning, siting, treatment and approval as well as MCLs, monitoring and quality control.

B-3 ACTION-SPECIFIC POTENTIAL ARARs

Action-specific potential ARARs are usually technology-or activity-based requirements or limitations on actions taken with respect to site remediation. These requirements are triggered by the particular activities that are selected to accomplish the cleanup. Since there are usually several alternative actions for any remedial site, very different potential requirements can come into play. These action-specific requirements do not in themselves determine which remedial alternative is selected; rather they indicate how a selected alternative must be implemented.

1. Capping

6 NYCRR Part 200 - General Provisions [NYS Division of Air].

6 NYCRR Part 200.1 - Definitions [NYS Division of Air].

6 NYCRR Part 200.1(d) - Air Contamination Source or Emission Source: Any apparatus, contrivance or machine capable of causing emission of any air contaminant to the outdoor atmosphere, including any appurtenant exhaust system, air cleaning device or emission point, but excepting an indirect source of air contamination as defined in Part 203 [NYS Division of Air].

6 NYCRR Part 200.1(r) - Emission point: Any conduit, chimney, duct, vent, flue, stack or opening of any kind through which air contaminants are emitted to the outdoor atmosphere [NYS Division of Air].

6 NYCRR Part 201 - Permits and Certifications (to construct or operate an air contamination source) [NYS Division of Air].

6 NYCRR Part 211 - General Prohibitions [NYS Division of Air].

6 NYCRR Part 211.2 - Air pollution prohibited: No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others [NYS Division of Air].

6 NYCRR Part 212 - General Process Emission Sources: Under this regulation, when an application is made for a permit to operate a process emission source, the Commissioner will issue an environmental rating for each air contaminant from each emission point. The degree of cleaning required is based on the designed ratings.

6 NYCRR Part 257 - Air Quality Standards (standards for emission of SO_2, particulate, CO, photochemical oxidants, hydrocarbons (non-methane), NO_3, Fluorides, Beryllium, H_2S) [NYS Division of Air].

New York State Air Guide - 1: Guidelines for the Control of Toxic Ambient Air Contaminants (NYSDEC, Division of Air Resources); Appendix A (Screening Analysis For Ambient Air Quality Impact); Appendix B (Toxicity Classification) [NYS Division of Air].

Air Cleanup Criteria (prepared by: Division of Air Resources, January 8, 1990) [NYS Division of Air].

6 NYCRR Part 621 - Uniform Procedures (applicability - permit application procedures) [NYS Division of Regulatory Affairs].

6 NYCRR Part 372 - Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities (revised December 25, 1988) [NYS Division of Hazardous Substances Regulation].

6 NYCRR Subpart 373-1 - Hazardous Waste Treatment, Storage and Disposal Facility Permitting Requirements (revised December 25, 1988) [NYS Division of Hazardous Substances Regulation].

6 NYCRR Subpart 373-2 - Final Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities (revised December 25, 1988) [NYS Division of Hazardous Substances Regulation].

6 NYCRR Subpart 373-3 - Interim Status Standards for Owners and Operators of Hazardous Waste Facilities (revised December 25, 1988) [NYS Division of Hazardous Substances Regulation].

6 NYCRR Part 375 - Inactive Hazardous Waste Disposal Sites [NYS Division of Hazardous Substances Regulation].

6 NYCRR Part 750 - SPDES (pursuant to ECL Art. 17, title 8) [NYS Division of Water Resources].

6 NYCRR Part 751 - Required Permits (explains that permit is required for any discharge (point source) and presents exceptions. Circuitron Corporation Site would not meet any of the exceptions and future activities at the site might require compliance with this section [NYS Division of Water Resources].

6 NYCRR Part 752 - Application Process for SPDES Permit [NYS Division of Water Resources].

6 NYCRR Part 753 - Notice and Public Participation (re: application) [NYS Division of Water Resources]

6 NYCRR Part 754 - Provisions of SPDES Permits (including application of standards, limits and other requirements; effluent limits, schedules & compliance, etc.) [NYS Division of Water Resources].

6 NYCRR Part 756 - Monitoring, Recording & Reporting (of discharges authorized by SPDES permit, recording of monitoring activities, reporting results) [NYS Division of Water Resources].

40 CFR Part 136 - Appendix B: Describes required analytical methods (method detection limit [MDL]) for SPDES discharges, monitoring and sampling. Dischargers must submit supporting data that has been generated in accordance with the MDL procedure.

40 CFR Part 136.4; 136.5: Allows for alternative analytical methods.

Technical & Operations Guidance Series ("TOGS")

a. 1.3.3 Toxicity Testing in the SPDES Permit Program (this document describes procedures to be followed when the decision has been made to include toxicity testing in a SPDES permit; this could become applicable in the future with regard to this site)

b. 1.3.4 BPJ Methodologies (applies to the preparation of SPDES permits for direct discharges to surface water from non-POTW point sources). The document outlines procedures to determine effluent limits to satisfy technical requirements of the Clean Water Act.

2. Transportation Routes To/From/Around Circuitron Corporation Site

6 NYCRR Part 621 - Uniform Procedures (applicability - permit application procedures) [NYS Division of Regulatory Affairs].

6 NYCRR Part 624 - Regulation Relating to Permit Hearing Procedures (applicable to permit applications for SPDES, wetlands activity, air emissions permits, waste transport, etc.) [NYS Division of Regulatory Affairs].

6 NYCRR Part 372 - Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities (revised December 25, 1988) [NYS Division of Hazardous Substances Regulation].

6 NYCRR Part 375 - Inactive Hazardous Waste Disposal Sites [NYS Division of Hazardous Substances Regulation].

3. Site Construction

Occupational Safety and Health Act (OSHA)

6 NYCRR Part 608 - Use and Protection of Waters (permit is required for various activities relating to impoundments, structures and dredge and fill. Section 608.7 conforms with Section 401(a)(i) of the Federal Clean Water Act [NYS Division of Fish and Wildlife].

6 NYCRR Part 372 - Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities (revised December 25, 1988) [NYS Division of Hazardous Substances Regulation].

6 NYCRR Subpart 373-1 - Hazardous Waste Treatment, Storage and Disposal Facility Permitting Requirements (revised December 25, 1988) [NYS Division of Hazardous Substances Regulation].

6 NYCRR Part 375 - Inactive Hazardous Waste Disposal Sites [NYS Division of Hazardous Substances Regulation].

4. Soil Gas Collection/Air Stripping Emissions

6 NYCRR Part 200 - General Provisions [NYS Division of Air].

6 NYCRR Part 200.1 - Definitions [NYS Division of Air].

6 NYCRR Part 200.1(d) - Air Contamination Source or Emission Source: Any apparatus, contrivance or machine capable of causing emission of any air contaminant to the outdoor atmosphere, including any appurtenant exhaust system, air cleaning device or emission point, but excepting an indirect source of air contamination as defined in Part 203 [NYS Division of Air].

6 NYCRR Part 200.1(r) - Emission Point: Any conduit, chimney, duct, vent, flue, stack or opening of any kind through which air contaminants are emitted to the outdoor atmosphere [NYS Division of Air].

6 NYCRR Part 201 - Permits and Certifications (to construct or operate an air contamination source) [NYS Division of Air].

6 NYCRR Part 211 - General Prohibitions [NYS Division of Air].

6 NYCRR Part 211.2 - Air pollution prohibited: No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others [NYS Division of Air].

6 NYCRR Part 212 - General Process Emission Sources Under this regulation, when an application is made for a permit to operate a process emission source, the Commissioner will issue an environmental rating for each air contaminant from each emission point. The degree of cleaning required is based on the designated ratings.

6 NYCRR Part 257 - Air Quality Standards (standards for emission of SO_2, particulate, CO, photochemical oxidants, hydrocarbons (non-methane), NO_3, Fluorides, Beryllium, H_2S) [NYS Division of Air].

New York State Air Guide - 1, Guidelines for the Control of Toxic Ambient Air Contaminants (NYSDEC, Division of Air Resources); Appendix A (Screening Analysis For Ambient Air Quality Impact); Appendix B (Toxicity Classification) [NYS Division of Air].

6 NYCRR Part 621 - Uniform Procedures (applicability - permit application procedures) [NYS Division of Regulatory Affairs].

6 NYCRR Part 624 - Regulation Relating to Permit Hearing Procedures (applicable to permit applications for SPDES, Wetlands activity, air emissions permits, waste transport, etc.) [NYS Division of Regulatory Affairs].

5. Air Quality

Air Cleanup Criteria: This document concerns evaluation of air impacts from contaminated sites. It describes the requirements and procedures for addressing emissions and impacts associated with pre-remediation, remediation and post-remediation activities.

6 NYCRR Part 212 - General Process Emission Sources: Under this regulation, when an application is made for a permit to operate a process emission source, the Commissioner will issue an environmental rating for each air contaminant from each emission point. The degree of cleaning required is based on the designated ratings.

6 NYCRR Part 621 - Uniform Procedures (applicability - permit application procedures) [NYS Division of Regulatory Affairs].

6 NYCRR Part 624 - Regulation Relating to Permit Hearing Procedures (applicable to permit applications for SPDES, Wetlands activity, air emissions permits, waste transport, etc.) [NYS Division of Regulatory Affairs].

B-4 TO-BE-CONSIDERED (TBC) CRITERIA

In addition to legally binding laws and regulations, federal and state environmental and public health programs issue non-promulgated, unenforceable advisories, criteria, policies, proposed standards, or guidance that are not legally binding. These criteria to-be-considered, or TBCs, should be evaluated along with potential ARARs. TBCs can include health advisories, reference doses and potency factors, proposed rules, guidance materials, or policy documents. When evaluating TBCs, professional judgement is required based upon the latest available information. These TBC's fall into the following three types:

1. Health effects information, e.g., reference doses

2. Technical information on how to perform or evaluate site conditions; and

3. Policy directives or guidance documents, e.g., EPA's Groundwater Protection Strategy.

B-5 SUMMARY

The New York State Groundwater Standards are generally more stringent than the Federal regulations. They also have provisions for the principal organic contaminants and the unspecified organic contaminants which sets an MCL for any contaminants not otherwise specified, making the New York State Standards the most comprehensive, as well. Therefore, the New York State Groundwater Standards will be considered the potential ARARs for the Circuitron Corporation Site.

The primary potential ARAR's to be adhered to are summarized in the tables which follow.

The Federal Safe Drinking Water Act Maximum Concentration Limits (MCL's) are presented in Table B-2.

RCRA Maximum Constituent Concentrations for Groundwater Protection are presented in Table B-3.

New York State Department of Health Part 5 Regulations are summarized in Table B-4.

New York State Water Quality Regulations for Class GA Groundwaters are presented in Table B-5.

TABLE B-2
FEDERAL DRINKING WATER STANDARDS

PARAMETER	SDWA MCL (mg/L)	MCLG (mg/L)
Antimony	.006	
Arsenic	0.05	
Barium	1	
Beryllium	0.004	
Cadmium	0.01	
Chromium	0.05	
Cyanide	0.2	
Lead	0.05	
Mercury	0.002	
Nickel	0.1	
Selenium	0.01	
Thallium	0.002	0.0005
Fluoride	4	
Nitrate (as N)	10	
Benzene	0.005	
Carbon Tetrachloride	0.005	
p-Dichlorobenzene	0.075	
1,2-Dichloroethane	0.005	
1,1-Dichloroethylene	0.007	
Endrin	0.0002	
1,1,1-Trichloroethane	0.2	
Trichloroethylene	0.005	
Trihalomethanes (Total)	0.1	
Vinyl Chloride	0.002	
Dichloromethane	0.005	0
1,2,4-Trichlorobenzene	0.07	
1,1,2-Trichloroethane	0.005	0.003
Dalapon	0.2	
Dinoseb	0.007	
Diquat	0.02	
Endothall	0.1	
Endrin	0.002	
Glyphosphate	0.7	
Oxamyl (Vydate)	0.2	
Picloram	0.5	
Simazine	0.004	
Benzo(a)pyrene	0.0002	0
Di(2-ethylhexyl)adipate	0.4	
Di(2-ethylhexyl)phthalate	0.006	0
Hexachlorobenzene	0.001	0
Hexachloropentadiene	0.05	
2,3,7,8-TCDD (Dioxin)	3E-8	0

SOURCES: **40 CRF141.11-16; 40 CFR141.60, 62.**

TABLE B-3

RCRA MAXIMUM CONSTITUENT CONCENTRATIONS FOR GROUNDWATER PROTECTION

PARAMETER	CONCENTRATION (mg/L)
Arsenic	0.05
Barium	1
Cadmium	0.01
Chromium	0.05
Lead	0.05
Mercury	0.002
Selenium	0.01
Silver	0.05
Endrin	0.0002
Lindane	0.004
Methoxychlor	0.1
Toxaphene	0.005
Chlorophenoxy Herbicides:	
2,4-D	0.1
2,4,5-TP Silvex	0.01

SOURCE: 40 CFR264.94.

TABLE B-4

NEW YORK STATE DEPARTMENT OF HEALTH
PART 5 REGULATIONS (10 NYCRR TITLE 5)

PARAMETER	MCL (mg/L)
INORGANIC CHEMICALS	
Arsenic (AS)	.05
Barium (Ba)	1
Cadmium (Cd)	.01
Chloride (Cl)	250
Chromium (Cr)	.05
Copper (Cu)	1
Fluoride (F)	2.2
Iron (Fe)	.3
Lead (Pb)	.05
Manganese (Mn)	.3
Mercury (Hg)	.002
Nitrate (asN)	10
Selenium (Se)	.01
Silver (Ag)	.05
Sodium (Na)	No limits
Sulfate (SO_4)	250
Zinc (Zn)	5
ORGANIC CHEMICALS	
Endrin	.0002
Lindane	.004
Methoxychlor	.1
Toxaphene	.005
2,4-Dichlorophenoxyacetic Acid	.1
2,4,5-TP Silvex	.01
PHYSICAL CHARACTERISTICS	
Color	15 units
Corrosivity	Non-corrosive
Odor	3 units

TABLE B-5

NYSDEC WATER QUALITY REGULATIONS

PARAMETERS	SURFACE WATER CONC. (mg/L)	GROUNDWATER CONC. (mg/L)	BASIS
Aldrin & Dieldrin	.000001	ND	K
Aluminum (ionic)	0.1	-	N
Arsenic	.19	.025	N/F
Barium		1	F
Benzene		ND	A
Beryllium	(1)	.003	N
Bis(2-ethylhexyl)phthalate	.0006	.05	N/J
Boron	10	.05	N/H
Butyl benzylphthalate		.05	
Cadmium	(2)	0.01	
Calcium		.01	N/F
Carbon Tetrachloride		.005	F
Chlordane (alpha and gamma)	.000002	.0001	F
Chloride		.250	H
Chlorobenzene	.005	.005	N
Chloroform		.007	A
Chromium (total)	(3)	.05	G
Chromium VI	.011	.05	N/F
Chrysene		.000002	F
Cobalt	.005	-	N
Copper	(4)	.2	N/H
Cyanide	.0052	.1	N/H
Dalapon	.0052	.05	J
DDT, DDD, & DDE (4,4'-)	.000001	ND	F
Di-n-butyl-phthalate		.05	F
Dichlorobenzenes	.005	.0047	N,T/F
1,1-Dichloroethane	.0001	.005	R/F
1,2-Dichloroethane	.00008	.005	R/F
1,2-Dichloroethene (total)		.005	F
1,2 - Dichloropropane		.005	F
Diethylphthalate	.005	.05	F
Dibromochloromethane		.005	F
2,4-Dichlorophenol	.001	.000001	R
Dieldrin *(see Aldrin & Dieldrin)	.000001	ND	J

TABLE B-5

NYSDEC WATER QUALITY REGULATIONS

PARAMETERS	SURFACE WATER CONC. (mg/L)	GROUNDWATER CONC. (mg/L)	BASIS
Endrin	.000002	ND	J
Ethylbenzene		.005	F
Heptachlor & Heptachlor Epoxide		-	F
2-Hexanone		.05	N/F
Iron	.3	.3	F
Iron & Manganese		.5	N/F
Lead	(5)	.025	F
Manganese		.3	F
Magnesium		35	F
Mercury	.0002	.002	F
Methoxychlor	.00003	.035	N/F
Methylene Chloride		.005	F
Naphthalene		.010	F
Nickel	(6)	-	N
Pentachlorophenol	.0004	.001	N/F
Phenol	.001	.001	R/F
Phenolic Compounds (total Phenols)	-	.0001	F
Polychlorinated biphenyls	.000001	.0001	S/F
Potassium	-	-	F
Propham		-	
Selenium	.001	.01	N/G
Silver	.0001	.05	N/F
Sodium		20	H
Styrene		.005	J
Tetrachloroethene		.005	J
1,1,1-trichloroethane	-	.005	J
1,1,2-trichloroethane		.005	J
Trichloroethene		.005	J
Toluene		.005	J
Thallium	.008	.004	N
Trichlorobenzenes	.005	.005	J
Vanadium	.014	-	N
Vinyl Chloride		.002	G
Xylenes (each isomer)		.005	N/H
Zinc	.03	.3	F
Unspecified Organic Contaminant**		.05	J
Principal Organic Contaminant**		.005	J

Notes:

(1) 11 ug/l when hardness $\leq$75 ppm
1100 ug/l when hardness >75 ppm

(2) exp (0.7852[ln(ppm hardness)]-3.490)

(3) exp (0.819[ln(ppm hardness)]+1.561)

(4) exp (0.8545[ln(ppm hardness)]-1.465)

(5) exp (1.226[ln(ppm hardness)]-4.661)

(6) exp (0.76[ln(ppm hardness)]+1.06)

BASIS

A	Oncogenic (702.4) Health (Water Source)
F	Former Groundwater Regulations (6NYCRR 703.5(a)(3)) Health (Water Source)
G	Specific MCL (702.3(a)) Health (Water Source)
H	Former use of or reference to 10 NYCRR Part 170 Health (Water Source)
J	Former Groundwater reference to 10 NYCRR Subpart 5-1 General Standards Health (Water Source)
K	Bioaccumulation (702.8) Health (Bioaccumulation)
N	Propagation (702.10) Aquatic
Q	Survival (702.11) Aquatic
R	Tainting (702.12) Aquatic
S	Bioaccumulation (702.13) Wildlife Protection - Aquatic
T	Chemical Correlation (702.14) Aquatic

**Principal Organic Contaminant and Unspecified Organics: (Excerpted from 10 NYCRR Subpart 5-1)

Principal organic contaminant (POC) means any organic chemical compound belonging to the following classes, except for trichloromethane (chloroform), dibromochloromethane, bromodichloromethane, tribromomethane (bromoform) and any other organic contaminant with a specific MCL listed in 10 NYCRR Section 5.1-52, Table 3:

(1) Halogenated alkane: Compound containing carbon (C), hydrogen (H) and halogen (X) where X - fluorine (F), chlorine (C1), bromine (Br) and/or iodine (I), having the general formula $C_nH_yX_2$, where $y + z = 2n + 2$; n, y and z are integer variables; n and z are equal to or greater than one and y is equal to or greater than zero.

(2) Halogenated ether: Compound containing carbon (C), hydrogen (H), oxygen (O) and halogen (X) (where X = F, Cl, Br and/or I) having the general formula $C_nH_yX_2O$, where $y + z = 2n + 2$; the oxygen is bonded to two carbons; n, y and z are integer variables; n is equal to or greater than two, y is equal to or greater than zero and z is equal to or greater than one.

(3) Halobenzenes and substituted halobenzenes: Derivatives of benzene which have at least one halogen atom attached to the ring and which may or may not have straight or branches chain hydrocarbon, nitrogen or oxygen substituents.

(4) Benzene and alkyl- or nitrogen-substituted benzenes: Benzene or a derivative of benzene which has either an alkyl- and/or a nitrogen- substituent.

(5) Substituted, unsaturated hydrocarbons: A straight or branched chain unsaturated hydrocarbon compound containing one of the following: halogen, aldehyde, nitrile, amide.

(6) Halogenated non-aromatic cyclic hydrocarbons: A non-aromatic cyclic compound containing a halogen.

ADDITIONAL STANDARDS INCLUDED IN TOGS 1.1.1 TAKEN FROM NYSDOH PART 5

PARAMETERS	SURFACE WATER CONC. (mg/L)	GROUNDWATER CONC. (mg/L)	BASIS
Carbon Chloroform Extract*		.2	R
1,2-Dichlorobenzene & 1,4-Dichlorobenzene		.0047	S
Dithane		.00175	S
Endrin	.000002	ND	H/S
Herbicides*		.1	R
Niacinamide*		.05	Q
Oxygen Consumed*		2	R
Ametryn		.05	Q
Total Organic Chemicals*		.1	Q
(2,4,5-Trichlorophenyloxy) - acetic acid		.035	S
Trihalomethanes, total*		.1	Q
Unspecified Organic Contaminant**		.05	Q

BASIS

- H USEPA published Criteria (6 NYCRR 701.8(b))
- Q NYSDOH Regulations for Drinking Water Supplies (10 NYCRR Part 5)
- R NYSDOH Regulations for Sources of Drinking Water (10 NYCRR Part 170)
- S Regulations for Groundwater (6 NYCRR 703.5(a)(3))

*Proposed for deletion.

**Unspecified Organic Contaminant: (Excerpted from 10 NYCRR Subpart 5-1)

Unspecified organic contaminant (UOC) means any organic chemical compound not otherwise specified as a Principal Organic contaminant or not having a maximum concentration specified in the New York State Regulations.

Appendix C

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

CLIENT :CIRCUITRON CORPORATION SITE
LOCATION:EAST FARMINGDALE, NASSAU COUNTY, NEW YORK
W. O. NO:04200-015-021-0007-00

ESTIMATE OF LIFE CYCLE COSTS
ESTIMATOR: NGA

FILENAME: O&MCIRC.WK1

DATE: 12-Jul-94
TIME: 01:55 PM

STUDY TITLE: PRICING OF REMEDIAL ALTERNATIVES

DISCOUNT RATE: 8.00% ECONOMIC LIFE: 30 YEAR(S)

		ALTERNATIVE 1 Describe: GW-1 NO ACTION/INSTITUTIONAL CONTROLS		ALTERNATIVE 2 Describe: GW-2 GROUNDWATER PUMPING AND TREATMENT		ALTERNATIVE 3 Describe: GW-3 COMBINED GROUNDWATER PUMPING TREATMENT/VENTING		ALTERNATIVE 4 Describe:	
		ESTIMATED COSTS	PRESENT WORTH	ESTIMATED COSTS	PRESENT WORTH	ESTIMATED COSTS	PRESENT WORTH	ESTIMATED COSTS	PRESENT WORTH
INITIAL COST	INITIAL COSTS -								
	A. DEED AND SITE RESTRICTIONS	5,000		0		0		0	
	B. GROUNDWATER MONITORING WELLS (+GW-3 SPARGING&VACUUM)	6,200		8,085		0			
	C. GROUNDWATER TREATMENT SYSTEM			637,585		0			
	D. SUPPORT SYSTEMS			74,552		0			
	E. TREATMENT SYSTEM STRUCTURE			42,000		0			
	F. PIPING, INSTRUMENTATION AND CONTROLS			142,964		0			
	G. GROUNDWATER RECOVERY TRENCH/INFILTRATION GALLERY			332,500		0			
	H. SOIL VENTING W/VOC CONTROL SYSTEM					0			
	I. OTHER PROJECT DIRECT AND INDIRECT COSTS 12.65%	1,400		156,600		0			
	J. PROJECT/CONSTRUCTION CONTRACT COSTS 17.00%	1,900		210,400		0			
	CONTINGENCIES 15.00%	2,200		240,700		0			
	ESCALATION 0.00%								
	TOTAL INITIAL COST	<><><><><>	16,700	<><><><><>	1,845,385	<><><><><>	0	<><><><><>	0
OWNING COSTS	OPERATIONS (ANNUAL) — Differential Escalation Rate / PWA W/Escl								
	A. ELECTRICAL 0 11.25778334	0	0	19,343	217,760	0	0		0
	B. FUEL, NATURAL GAS 0 11.25778334		0	2,400	27,019	0	0		0
	C. WATER 0 11.25778334		0	600	6,755	0	0		0
	D. WASTE DISPOSAL COST 0 11.25778334		0	6,000	67,547	0	0		0
	E. 0 11.25778334		0		0		0		0
	F. 0 11.25778334		0		0		0		0
	G. 0 11.25778334	0	0		0		0		0
	H. 0 11.25778334		0		0		0		0
	I. 0 11.25778334		0		0		0		0
	J. LABOR @ $31.37/MANHOUR 0 11.25778334	0	0	130,499	1,469,132	0	0		0
	TOTAL ANNUAL OPERATIONS COSTS	<><><><><>	0	<><><><><>	1,788,211	<><><><><>	0	<><><><><>	0
	MAINTENANCE (ANNUAL) — Differential Escalation Rate / PWA W/Escl								
	A. SITE 0 11.25778334		0		0		0		0
	B. STRUCTURAL 0 11.25778334		0		0		0		0
	C. MECHANICAL 0 11.25778334		0		0		0		0
	D. ELECTRICAL 0 11.25778334		0		0		0		0
	E. INSTRUMENTATION AND CONTROLS 0 11.25778334		0		0		0		0
	F. OTHER 0 11.25778334		0		0		0		0
	G. MAINTENANCE MATERIALS 0 11.25778334		0	6,000	67,547	0	0		0
	TOTAL ANNUAL MAINTENANCE COSTS	<><><><><>	0	<><><><><>	67,547	<><><><><>	0	<><><><><>	0

CLIENT :CIRCUITRON CORPORATION SITE
OCATION:EAST FARMINGDALE, NASSAU COUNTY, NEW YORK
. O. NO:04200-015-021-0007-00

STUDY TITLE: PRICING OF REMEDIAL ALTERNATIVES

DISCOUNT RATE: 8.00% ECONOMIC LIFE: 30 YEAR(S)

			ALTERNATIVE 1 Describe: GW-1 NO ACTION/INSTITUTIONAL CONTROLS		ALTERNATIVE 2 Describe: GW-2 GROUNDWATER PUMPING AND TREATMENT		ALTERNATIVE 3 Describe: GW-3 COMBINED GROUNDWATER PUMPING TREATMENT/VENTING		ALTERNATIVE 4 Describe: 0 0 0	
			ESTIMATED COSTS	PRESENT WORTH	ESTIMATED COSTS	PRESENT WORTH	ESTIMATED COSTS	PRESENT WORTH	ESTIMATED COSTS	PRESENT WORTH
	ALTERATIONS (SINGLE EXPENDITURE) ITEM(S) ALTERED	YEAR	PW Factor							
	A.	0	1		0		0		0		0
	B.	0	1		0		0		0		0
	C.	0	1		0		0		0		0
O	TOTAL ALTERATION COSTS			<><><><><>	0	<><><><><>	0	<><><><><>	0	<><><><><>	0
W	REPLACEMENTS (SINGLE EXPENDITURE)	YEAR	PW Factor							
N	A. PUMPS	5	0.680583197		0	2,160	1,470	0	0		0
	B. PUMPS	10	0.463193488		0	2,160	1,000	0	0		0
	C. PUMPS	15	0.315241705		0	2,160	681		0		0
I	D. PUMPS	20	0.214548207		0	2,160	463		0		0
	E. PUMPS	25	0.146017904		0	2,160	315		0		0
N	F. BLOWERS	5	0.680583197		0	2,500	1,701	0	0		0
	G. BLOWERS	10	0.463193488		0	2,500	1,158	0	0		0
G	H. BLOWERS	15	0.315241705		0	2,500	788		0		0
	I. BLOWERS	20	0.214548207		0	2,500	536		0		0
	J. BLOWERS	25	0.146017904		0	2,500	365		0		0
	K.	0	1		0		0		0		0
C	L.	0	1		0		0		0		0
O	TOTAL REPLACEMENT COSTS			<><><><><>	0	<><><><><>	8,479	<><><><><>	0	<><><><><>	0
S	FINANCING COSTS										
T											
S	FUNCTIONAL USE COSTS										
	DENIAL OF USE COSTS										
	ASSOCIATED (ANNUAL)	Differential Escalation Pate	PWA W/Escl							
	A. ANNUAL GROUNDWATER MONITORING	0	11.25778334	53,961	607,486	53,961	607,486	0	0		0
	B. SEE NOTE 1	0	11.25778334		0		0		0		0
	C.	0	11.25778334		0		0		0		0
	D.	0	11.25778334		0		0		0		0
	E.	0	11.25778334		0		0		0		0
	F.	0	11.25778334		0		0		0		0
	G.	0	11.25778334		0		0		0		0
	TOTAL ANNUAL ASSOCIATED COSTS			<><><><><>	607,486	<><><><><>	607,486	<><><><><>	0	<><><><><>	0

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

FILENAME: O&MCIRC.WK1

CLIENT :CIRCUITRON CORPORATION SITE
LOCATION:EAST FARMINGDALE, NASSAU COUNTY, NEW YORK
W. O. NO:04200-015-021-0007-00

STUDY TITLE: PRICING OF REMEDIAL ALTERNATIVES

DISCOUNT RATE: 8.00% ECONOMIC LIFE: 30 YEAR(S)

		YEAR	PW Factor	ALTERNATIVE 1 Describe: GW-1 NO ACTION/INSTITUTIONAL CONTROLS ESTIMATED COSTS	PRESENT WORTH	ALTERNATIVE 2 Describe: GW-2 GROUNDWATER PUMPING AND TREATMENT ESTIMATED COSTS	PRESENT WORTH	ALTERNATIVE 3 Describe: GW-3 COMBINED GROUNDWATER PUMPING TREATMENT/VENTING ESTIMATED COSTS	PRESENT WORTH	ALTERNATIVE 4 Describe: 0 0 0 ESTIMATED COSTS	PRESENT WORTH
SALVAGE	SALVAGE AT END OF ECONOMIC LIFE										
	A. STRUCTURE/ARCHITECTURAL	30	0.099377332	(15,030)	(1,494)	(37,800)	(3,756)	0	0	0	0
	B. EQUIPMENT	30	0.099377332		0	(573,826)	(57,025)	0	0		0
	C. MECHANICAL	30	0.099377332		0	(128,668)	(12,787)	0	0		0
	D. ELECTRICAL	30	0.099377332		0	(67,096)	(6,668)	0	0		0
	E. OTHER	30	0.099377332		0		0		0		0
	F.	30	0.099377332		0		0		0		0
	G.	30	0.099377332		0		0		0		0
	TOTAL SALVAGE			<><><><><>	(1,494)	<><><><><>	(80,236)	<><><><><>	0	<><><><><>	0
LIFE CYCLE COSTS	TOTAL PRESENT WORTH LIFE CYCLE COSTS			<><><><><>	622,693	<><><><><>	4,236,873	<><><><><>	0	<><><><><>	0
	LIFE CYCLE PRESENT WORTH DOLLAR SAVINGS			<><><><><>		<><><><><>	(3,614,180)	<><><><><>	622,693	<><><><><>	622,693

NOTES:

1. ANNUAL WATER SAMPLING COSTS, INCLUDES QUARTERLY ACQUISITION OF SAMPLES, PACKAGING AND SHIPPING. INCLUDES QA/QC SAMPLES AND BLANKS. TCL ANALYSIS INCLUDED AT $400.00 PER ANALYSIS

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

FILENAME: CRCITRON.WK1

PROJECT:CIRCUITRON CORPORATION SITE
.O. NO. :04200-015-021-0007-00
LOCATION:EAST FARMINGDALE, NASSAU COUNTY, NEW YORK
ESTIMATE:CONCEPTUAL/PRELIMINARY
STIMATOR:NGA
DATE: 12-Jul-94
11:13 AM

ESTIMATE ACCURACY: +30% TO -15%

ITEM	DESCRIPTION	MATERIAL UNIT QUANTITY	UNIT	UNIT COST	TOTAL MATERIAL	LABOR UNIT COST	TOTAL LABOR	EQUIPMENT UNIT COST	TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	PRICING OF REMEDIAL ALTERNATIVES PROJECT SUMMARY GW-1 NO ACTION/INSTITUTIONAL CONTROLS										
I	FIRST COST SUBTOTAL (FROM SHEET SUMMARY, SHEET NO. 3)				0.00		0.00		0.00	11,160.00	11,160.00
II	LABOR PRODUCTIVITY ADJUSTMENT FACTOR: LEVEL "D" PERSONNEL PROTECTION, DIFFERENTIAL						0.00				0.00
	SUBTOTAL				0.00		0.00		0.00	11,160.00	11,160.00
III	OTHER PROJECT DIRECT AND INDIRECT COSTS:										
	PROJECT CONSTRUCTION FACILITIES -										900.00
	MOBILIZATION AND DEMOBILIZATION -										100.00
	CONSTRUCTION EQUIPMENT -										300.00
	SMALL TOOLS AND CONSUMABLE ITEMS -										0.00
	PERSONNEL PROTECTION EQUIPMENT -										0.00
	PERMITS AND FEES -										200.00
	SUBTOTAL										12,700.00
IV	ESCALATION: (INFLATION/DEFLATION FACTOR)										
	ENR CONSTRUCTION COST INDEX (CCI) =	1.0000									0.00
	ENR BUILDING COST INDEX (BCI) =	0.0000									0.00
	SUBTOTAL										12,700.00
V	PROJECT/CONSTRUCTION CONTRACT COSTS:										
	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS -										1,200.00
	CONTRACTOR MARKUP AND PROFIT -										1,400.00
	SUBTOTAL										15,300.00
VI	CONTINGENCY @ 15%										2,300.00
VII	TOTAL (ROUNDED)										17,600.00

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

FILENAME: CRCITRON.WK1

PROJECT:CIRCUITRON CORPORATION SITE
W. O. NO.:04200-015-021-0007-00

ITEM	DESCRIPTION COST INDEX AND LABOR DATA	UNIT QUANTITY	UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	GW-1 NO ACTION/INSTITUTIONAL CONTROLS										
1.	ENGINEERING NEWS RECORD COST INDEX DATA:										
	DATE OF REFERENCED INDEX - May 16, 1994										
	CONSTRUCTION COST INDEX (CCI) =	5405.16									
	BUILDING COST INDEX (BCI) =	3124.81									
	DATE OF CURRENT INDEX -										
	CONSTRUCTION COST INDEX (CCI) =	5405.16									
	BUILDING COST INDEX (BCI) =	3124.81									
	ESCALATION FACTORS -										
	CONSTRUCTION COST INDEX (CCI) =	1.0000									
	BUILDING COST INDEX (BCI) =	1.0000									
2.	LABOR:										
	CRAFT CLASSIFICATION:										
	LOCAL NO.										
	CONTRACT EXPIRATION DATE:										
	BASE WAGE	1.0	HR				25.00				
	ESTIMATED WAGE INCREASE: (% OF BASE WAGE)	5.0%									
	WAGE ADJUSTMENT, BASE (IF APPLICABLE)	1.0	HR				1.25				
	HEALTH AND WELFARE, PENSION	1.0	LS				0.00				
	OTHER FRINGES	1.0	LS				0.00				
	SUBTOTAL						26.25				
	PAYROLL TAXES AND INSURANCE:										
	FICA, FUTA, SUTA, AND WORKMANS COMPENSATION, COMPUTE @ PERCENTAGE OF ADJUSTED BASE WAGE	19.5%					5.12				
	TOTAL JOURNEYMAN HOURLY BASE WAGE						31.37				
	TOTAL APPROXIMATE PROJECT MANHOURS	0.0	HRS								
2A.	LABOR MODIFICATION FACTOR:										
	LEVEL OF PERSONNEL PROTECTION REQUIRED FOR THE EXECUTION OF THIS PROJECT:										
	LEVEL D	X		PROTECTIVE							
	LEVEL D+			CLOTHING &							
	LEVEL C			EQUIPMENT							
	LEVEL B										
	MODIFICATION FACTORS -										
	LEVEL D, MODIFICATION FACTOR	1.000		0.00	PER HOUR						
	LEVEL D+, MODIFICATION FACTOR	1.110		6.02	PER HOUR						
	LEVEL C, MODIFICATION FACTOR	1.310		9.80	PER HOUR						
	LEVEL B, MODIFICATION FACTOR	1.330		8.70	PER HOUR						
	TOTAL SHEET NO. 2										

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

FILENAME: CRCITRON.WK1

PROJECT:CIRCUITRON CORPORATION SITE
. O. NO.:04200-015-021-0007-00

ITEM	DESCRIPTION	UNIT QUANTITY	UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	GW-1 NO ACTION/INSTITUTIONAL CONTROLS SHEET SUMMARY										
	TOTAL FROM SHEET NO. 4				0.00		0.00		0.00	11,160.00	11,160.00
	TOTAL SHEET NO. 3				0.00		0.00		0.00	11,160.00	11,160.00

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

FILENAME: CRCITRON.WK1

PROJECT:CIRCUITRON CORPORATION SITE
W. O. NO.:04200-015-021-0007-00

ITEM	DESCRIPTION	UNIT QUANTITY	UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	GW-1 NO ACTION/INSTITUTIONAL CONTROLS										
1	DEED AND SITE RESTRICTIONS: ALLOWANCE FOR THE LEGAL ISSUES REGARDING THE ATTACEMENT OF LIMITED DEVELOPEMENT AND USE OF SUBJECT PROPERTY AND OTHER RESTRICTIONS, FEES AND DEED REGISTRATION WITH THE COUNTY.	1.0	LS		0.00	0.00	0.00		0.00	5,000.00	5,000.00
2	INSTALLATION OF GROUNDWATER MONITORING WELLS: 4" WITH SCREEN, 40.0 VLF, COMPLETE	4.0	EA		0.00	0.00	0.00		0.00	6,160.00	6,160.00
	TOTAL SHEET NO. 4				0.00		0.00		0.00	11,160.00	11,160.00

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

FILENAME: CRCITRON.WK1

PROJECT:CIRCUITRON CORPORATION SITE
.O. NO. :04200-015-021-0007-00
LOCATION:EAST FARMINGDALE, NASSAU COUNTY, NEW YORK
ESTIMATE:CONCEPTUAL/PRELIMINARY
STIMATOR:NGA
DATE: 12-Jul-94 11:13 AM

ESTIMATE ACCURACY: +30% TO -15%

ITEM	DESCRIPTION	UNIT QUANTITY	UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	PRICING OF REMEDIAL ALTERNATIVES PROJECT SUMMARY GW-2 GROUNDWATER PUMPING AND TREATMENT										
I	FIRST COST SUBTOTAL (FROM SHEET SUMMARY, SHEET NO. 3)				107,885.09		140,681.87		530,000.00	459,118.33	1,237,685.30
II	LABOR PRODUCTIVITY ADJUSTMENT FACTOR: LEVEL "D" PERSONNEL PROTECTION, DIFFERENTIAL						0.00				0.00
	SUBTOTAL				107,885.09		140,681.87		530,000.00	459,118.33	1,237,685.30
III	OTHER PROJECT DIRECT AND INDIRECT COSTS:										
	PROJECT CONSTRUCTION FACILITIES -										99,000.00
	MOBILIZATION AND DEMOBILIZATION -										13,600.00
	CONSTRUCTION EQUIPMENT -										37,100.00
	SMALL TOOLS AND CONSUMABLE ITEMS -										11,200.00
	PERSONNEL PROTECTION EQUIPMENT -										0.00
	PERMITS AND FEES -										18,600.00
	SUBTOTAL										1,417,200.00
IV	ESCALATION: (INFLATION/DEFLATION FACTOR)										
	ENR CONSTRUCTION COST INDEX (CCI) =	1.0000									0.00
	ENR BUILDING COST INDEX (BCI) =	0.0000									0.00
	SUBTOTAL										1,417,200.00
V	PROJECT/CONSTRUCTION CONTRACT COSTS:										
	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS -										134,600.00
	CONTRACTOR MARKUP AND PROFIT -										155,200.00
	SUBTOTAL										1,707,000.00
VI	CONTINGENCY @ 15%										256,100.00
VII	TOTAL (ROUNDED)										1,963,100.00

SHEET NO. 1

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

FILENAME: CRCITRON.WK1

PROJECT:CIRCUITRON CORPORATION SITE
W. O. NO.:04200-015-021-0007-00

ITEM	DESCRIPTION COST INDEX AND LABOR DATA	UNIT QUANTITY	UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	GW-2 GROUNDWATER PUMPING AND TREATMENT										
1.	ENGINEERING NEWS RECORD COST INDEX DATA:										
	DATE OF REFERENCED INDEX - May 16, 1994										
	CONSTRUCTION COST INDEX (CCI) =	5405.16									
	BUILDING COST INDEX (BCI) =	3124.81									
	DATE OF CURRENT INDEX -										
	CONSTRUCTION COST INDEX (CCI) =	5405.16									
	BUILDING COST INDEX (BCI) =	3124.81									
	ESCALATION FACTORS -										
	CONSTRUCTION COST INDEX (CCI) =	1.0000									
	BUILDING COST INDEX (BCI) =	1.0000									
2.	LABOR:										
	CRAFT CLASSIFICATION:										
	LOCAL NO.										
	CONTRACT EXPIRATION DATE:										
	BASE WAGE	1.0	HR				25.00				
	ESTIMATED WAGE INCREASE: (% OF BASE WAGE)	5.0%									
	WAGE ADJUSTMENT, BASE (IF APPLICABLE)	1.0	HR				1.25				
	HEALTH AND WELFARE, PENSION	1.0	LS				0.00				
	OTHER FRINGES	1.0	LS				0.00				
	SUBTOTAL						26.25				
	PAYROLL TAXES AND INSURANCE:										
	FICA, FUTA, SUTA, AND WORKMANS COMPENSATION, COMPUTE @ PERCENTAGE OF ADJUSTED BASE WAGE	19.5%					5.12				
	TOTAL JOURNEYMAN HOURLY BASE WAGE						31.37				
	TOTAL APPROXIMATE PROJECT MANHOURS	4484.8	HRS								
2A.	LABOR MODIFICATION FACTOR:										
	LEVEL OF PERSONNEL PROTECTION REQUIRED FOR THE EXECUTION OF THIS PROJECT:										
	LEVEL D	X		PROTECTIVE							
	LEVEL D+			CLOTHING &							
	LEVEL C			EQUIPMENT							
	LEVEL B										
	MODIFICATION FACTORS -										
	LEVEL D, MODIFICATION FACTOR	1.000		0.00	PER HOUR						
	LEVEL D+, MODIFICATION FACTOR	1.110		6.02	PER HOUR						
	LEVEL C, MODIFICATION FACTOR	1.310		9.80	PER HOUR						
	LEVEL B, MODIFICATION FACTOR	1.330		8.70	PER HOUR						
	TOTAL SHEET NO. 2										

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

PROJECT:CIRCUITRON CORPORATION SITE
W. O. NO.:04200-015-021-0007-00

FILENAME: CRCITRON.WK1

ITEM	DESCRIPTION	UNIT QUANTITY	UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	GW-2 GROUNDWATER PUMPING AND TREATMENT SHEET SUMMARY										
	TOTAL FROM SHEET NO. 4				18,607.59		66,777.10		530,000.00	22,200.00	637,584.69
	TOTAL FROM SHEET NO. 5				89,277.50		73,904.78		0.00	96,333.33	259,515.61
	TOTAL FROM SHEET NO. 6				0.00		0.00		0.00	340,585.00	340,585.00
	TOTAL SHEET NO. 3				107,885.09		140,681.87		530,000.00	459,118.33	1,237,685.30

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

FILENAME: CRCITRON.WK1

PROJECT:CIRCUITRON CORPORATION SITE
W. O. NO.:04200-015-021-0007-00

ITEM	DESCRIPTION	UNIT QUANTITY	UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	GW-2 GROUNDWATER PUMPING AND TREATMENT										
1	GROUNDWATER TREATMENT SYSTEM: QUOTATION PROVIDED BY GODING COMPLIANCE SYSTEMS, QUOTATION INCLUDES THE PROVISION OF MAJOR EQUIPMENT ONLY										
	A) AERATION, pH ADJUSTMENT(2-CHAMBER) SYSTEM WITH INDUCED DRAFT AERATOR AND PUMP OUT CHAMBER										
	QUANTITY:	1.0	LS	500.00	500.00	15057.00	15,057.00	75000.00	75,000.00	5,000.00	95,557.00
	CAPACITY: 150 GPM										
	MATERIALS OF CONSTRUCTION: FABRICATED CARBON STEEL WITH LINING										
	DIMENSIONS: 8.0' X 20.0' X 10.0' HT										
	FOUNDATION: CAST IN PLACE CONCRETE	22.2	CY	110.00	2,444.44	188.21	4,182.50		0.00	0.00	6,626.94
	B) DISSOLVED AIR FLOTATION CLARIFIER:										
	QUANTITY:	1.0	LS	1500.00	1,500.00	20076.00	20,076.00	125000.00	125,000.00	2,500.00	149,076.00
	CAPACITY: 150 GPM										
	MATERIALS OF CONSTRUCTION: FABRICATED CARBON STEEL										
	DIMENSIONS: 11.2' DIA. X REQ'D SWD										
	FOUNDATION: CAST IN PLACE CONCRETE	6.7	CY	110.00	733.33	188.21	1,254.75		0.00	0.00	1,988.08
	C) AIR STRIPPER:										
	QUANTITY:	1.0	LS	500.00	500.00	3764.25	3,764.25	50000.00	50,000.00	3,200.00	57,464.25
	TYPE: COUNTER-CURRENT FLOW										
	MATERIALS OF CONSTRUCTION: FIBER-REINFORCED POLYESTER (FRP)										
	DIMENSIONS: 4.0' DIA. X 20.0' PACKING HEIGHT										
	FOUNDATION: CAST IN PLACE CONCRETE	4.7	CY	110.00	521.48	188.21	892.27		0.00	0.00	1,413.75
	AIR BLOWER WITH ANCILLARIES	1.0	LS	200.00	200.00	1003.80	1,003.80	0.00	0.00	0.00	1,203.80
	D) VOC CONTROL SYSTEM:										
	QUANTITY:	1.0	LS	4500.00	4,500.00	10038.00	10,038.00	250000.00	250,000.00	5,000.00	269,538.00
	TYPE: GAC COMPLETE										
	MATERIALS OF CONSTRUCTION: MANUFACTURERS STANDARD										
	DIMENSIONS: MODULAR										
	FOUNDATION: CAST IN PLACE CONCRETE	20.8	CY	110.00	2,291.67	188.21	3,921.09		0.00	0.00	6,212.76
	E) PACKAGE STEAM BOILER										
	QUANTITY:	1.0	LS	4500.00	4,500.00	5019.00	5,019.00	30000.00	30,000.00	6,500.00	46,019.00
	TYPE: NATURAL GAS FIRED, 15 PSIG, 160#/HR										
	MATERIALS OF CONSTRUCTION: MANUFACTURERS STANDARD										
	DIMENSIONS: MODULAR										
	FOUNDATION: CAST IN PLACE CONCRETE	8.3	CY	110.00	916.67	188.21	1,568.44		0.00	0.00	2,485.10
	TOTAL SHEET NO. 4				18,607.59		66,777.10		530,000.00	22,200.00	637,584.69

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

FILENAME: CRCITRON.WK1

PROJECT:CIRCUITRON CORPORATION SITE
W. O. NO.:04200-015-021-0007-00

ITEM	DESCRIPTION	UNIT QUANTITY	UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	GW-2 GROUNDWATER PUMPING AND TREATMENT										
2	SUPPORT FACILITIES FOR GROUNDWATER TREATMENT SYSTEM:										
	A) POTABLE WATER	1.0	LS	4500.00	4,500.00	5019.00	5,019.00	0.00	0.00	4,500.00	14,019.00
	B) SANITARY SEWER	1.0	LS	6750.00	6,750.00	6273.75	6,273.75	0.00	0.00	4,500.00	17,523.75
	C) NATURAL GAS	1.0	LS	9000.00	9,000.00	7528.50	7,528.50	0.00	0.00	4,500.00	21,028.50
	D) ELECTRICAL POWER	1.0	LS	9450.00	9,450.00	8030.40	8,030.40	0.00	0.00	4,500.00	21,980.40
3	TREATMENT SYSTEM STRUCTURE: PRE-ENGINEERED STRUCTURE COMPLETE WITH ALL ANCILLARIES SIZE: 40.0' X 30.0' WITH 15.0' EAVE	1.0	LS	0.00	0.00	0.00	0.00	0.00	0.00	42,000.00	42,000.00
4	INTERCONNECTING PIPING, AND PIPE SUPPORTS	1.0	LS	12700.00	12,700.00	7528.50	7,528.50	0.00	0.00	5,000.00	25,228.50
5	BURIED GROUNDWATER RECOVERY PIPING:	2000.0	LF	15.44	30,877.50	14.12	28,231.88	0.00	0.00	21,333.33	80,442.71
6	INSTRUMENTATION AND CONTROLS	1.0	LS	16000.00	16,000.00	11292.75	11,292.75	0.00	0.00	10,000.00	37,292.75
	TOTAL SHEET NO. 5				89,277.50		73,904.78		0.00	96,333.33	259,515.61

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

FILENAME: CRCITRON.WK1

PROJECT:CIRCUITRON CORPORATION SITE
W. O. NO.:04200-015-021-0007-00

ITEM	DESCRIPTION	UNIT QUANTITY	UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	GW-2 GROUNDWATER PUMPING AND TREATMENT										
7	INSTALLATION OF GROUNDWATER MONITORING WELLS: 4" WITH SCREEN, 70.0 VLF, COMPLETE	3.0	EA		0.00	0.00	0.00		0.00	8,085.00	8,085.00
8	GROUNDWATER RECOVERY TRENCH/INFILTRATION GALLERY: SEE ATTACHED TRENCH WORKSHEETS, (SUBCONTRACT)	1.0	LS	0.00	0.00	0.00	0.00	0.00	0.00	332,500.00	332,500.00
	TOTAL SHEET NO. 6				0.00		0.00		0.00	340,585.00	340,585.00

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

FILENAME: CIRCOPS.WK1

PROJECT:CIRCUITRON CORPORATION SITE
W. O. NO.:04200-015-021-0007-00

ITEM	DESCRIPTION OPERATIONS AND MAINTENANCE	UNIT QUANTITY	UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	GW-2 GROUNDWATER PUMPING AND TREATMENT										
1	ANNUAL POWER CONSUMPTION:										
a	POWER CONSUMPTION:										
	APPROXIMATE CONNECTED HORSEPOWER	24.0	HP								
	EFFICIENCY	0.92									
	HOURS OF OPERATION PER MONTH	730.0	HRS								
	ELECTRICAL RATE, ConED ($/KWH)	0.1091	KWH								
	CONNECTED MOTOR POWER CONSUMPTION, KWH/MONTH	14,206	KWH								
b	LIGHTING AND OTHER MISCELLANEOUS REQUIREMENTS	568	KWH								
	APPROXIMATE MONTHLY KWH	14,775	KWH	0.1091	1,611.92						
c	ANNUAL POWER COST, ESTIMATED	12.0	MOS	1611.92	19,343	0.00	0		0.00	0.00	19,343.03
2	OPERATIONS: ASSUME NOMINAL MANNING REQUIREMENTS, ONLY A SINGLE SHIFT FOR TWO(2) MEN TO MONITOR AND PERFORM ROUTINE MAINTENANCE TO MECHANICAL EQUIPMENT AND OTHER FACILITIES AND PLANT AS NECESSARY										
	NUMBER OF PERSONNEL	2.0	EA								
	HOURS PER YEAR	2080.0	HRS								
	TOTAL MANHOURS	4160.0	HRS		0.00	31.37	130,499.20		0.00	0.00	130,499.20
3											
	TOTAL SHEET NO. 7				19,343		130,499.20		0.00	0.00	149,842.23

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

FILENAME: CRCITRON.WK1

PROJECT:CIRCUITRON CORPORATION SITE
W.O. NO. :04200-015-021-0007-00
LOCATION:EAST FARMINGDALE, NASSAU COUNTY, NEW YORK
ESTIMATE:CONCEPTUAL/PRELIMINARY
ESTIMATOR:NGA
DATE: 12-Jul-94 11:13 AM

ESTIMATE ACCURACY: +30% TO -15%

ITEM	DESCRIPTION	MATERIAL UNIT QUANTITY	MATERIAL UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	PRICING OF REMEDIAL ALTERNATIVES PROJECT SUMMARY GW-3 COMBINED GROUNDWATER PUMPING TREATMENT AND SOILS VENTING										
I	FIRST COST SUBTOTAL (FROM SHEET SUMMARY, SHEET NO. 3)				125,530.46		189,997.03		822,860.00	549,838.33	1,688,225.83
II	LABOR PRODUCTIVITY ADJUSTMENT FACTOR: LEVEL "D" PERSONNEL PROTECTION, DIFFERENTIAL						0.00				0.00
	SUBTOTAL				125,530.46		189,997.03		822,860.00	549,838.33	1,688,225.83
III	OTHER PROJECT DIRECT AND INDIRECT COSTS:										
	PROJECT CONSTRUCTION FACILITIES -										135,100.00
	MOBILIZATION AND DEMOBILIZATION -										18,600.00
	CONSTRUCTION EQUIPMENT -										50,600.00
	SMALL TOOLS AND CONSUMABLE ITEMS -										15,100.00
	PERSONNEL PROTECTION EQUIPMENT -										0.00
	PERMITS AND FEES -										25,300.00
	SUBTOTAL										1,932,900.00
IV	ESCALATION: (INFLATION/DEFLATION FACTOR)										
	ENR CONSTRUCTION COST INDEX (CCI) =	1.0000									0.00
	ENR BUILDING COST INDEX (BCI) =	0.0000									0.00
	SUBTOTAL										1,932,900.00
V	PROJECT/CONSTRUCTION CONTRACT COSTS:										
	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS -										183,600.00
	CONTRACTOR MARKUP AND PROFIT -										211,700.00
	SUBTOTAL										2,328,200.00
VI	CONTINGENCY @ 15%										349,200.00
VII	TOTAL (ROUNDED)										2,677,400.00

SHEET NO. 1

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

PROJECT:CIRCUITRON CORPORATION SITE
W. O. NO.:04200-015-021-0007-00

FILENAME: CRCITRON.WK1

ITEM	DESCRIPTION COST INDEX AND LABOR DATA	UNIT QUANTITY	UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	GW-3 COMBINED GROUNDWATER PUMPING TREATMENT AND SOILS VENTING										
1.	ENGINEERING NEWS RECORD COST INDEX DATA:										
	DATE OF REFERENCED INDEX - May 16, 1994										
	CONSTRUCTION COST INDEX (CCI) =	5405.16									
	BUILDING COST INDEX (BCI) =	3124.81									
	DATE OF CURRENT INDEX -										
	CONSTRUCTION COST INDEX (CCI) =	5405.16									
	BUILDING COST INDEX (BCI) =	3124.81									
	ESCALATION FACTORS -										
	CONSTRUCTION COST INDEX (CCI) =	1.0000									
	BUILDING COST INDEX (BCI) =	1.0000									
2.	LABOR:										
	CRAFT CLASSIFICATION:										
	LOCAL NO.										
	CONTRACT EXPIRATION DATE:										
	BASE WAGE	1.0	HR				25.00				
	ESTIMATED WAGE INCREASE: (% OF BASE WAGE)	5.0%									
	WAGE ADJUSTMENT, BASE (IF APPLICABLE)	1.0	HR				1.25				
	HEALTH AND WELFARE, PENSION	1.0	LS				0.00				
	OTHER FRINGES	1.0	LS				0.00				
	SUBTOTAL						26.25				
	PAYROLL TAXES AND INSURANCE:										
	FICA, FUTA, SUTA, AND WORKMANS COMPENSATION, COMPUTE @ PERCENTAGE OF ADJUSTED BASE WAGE	19.5%					5.12				
	TOTAL JOURNEYMAN HOURLY BASE WAGE						31.37				
	TOTAL APPROXIMATE PROJECT MANHOURS	6056.9	HRS								
2A.	LABOR MODIFICATION FACTOR:										
	LEVEL OF PERSONNEL PROTECTION REQUIRED FOR THE EXECUTION OF THIS PROJECT:										
	LEVEL D	X		PROTECTIVE							
	LEVEL D+			CLOTHING &							
	LEVEL C			EQUIPMENT							
	LEVEL B										
	MODIFICATION FACTORS -										
	LEVEL D, MODIFICATION FACTOR	1.000		0.00	PER HOUR						
	LEVEL D+, MODIFICATION FACTOR	1.110		6.02	PER HOUR						
	LEVEL C, MODIFICATION FACTOR	1.310		9.80	PER HOUR						
	LEVEL B, MODIFICATION FACTOR	1.330		8.70	PER HOUR						
	TOTAL SHEET NO. 2										

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

FILENAME: CRCITRON.WK1

PROJECT:CIRCUITRON CORPORATION SITE
W. O. NO.:04200-015-021-0007-00

ITEM	DESCRIPTION	UNIT QUANTITY	UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	GW-3 COMBINED GROUNDWATER PUMPING TREATMENT AND SOILS VENTING										
	SHEET SUMMARY										
	TOTAL FROM SHEET NO. 4				20,857.59		69,788.50		472,860.00	22,200.00	585,706.09
	TOTAL FROM SHEET NO. 5				15,395.37		46,303.76		350,000.00	18,000.00	429,699.13
	TOTAL FROM SHEET NO. 6				89,277.50		73,904.78		0.00	110,333.33	273,515.61
	TOTAL FROM SHEET NO. 7				0.00		0.00		0.00	399,305.00	399,305.00
	TOTAL SHEET NO. 3				125,530.46		189,997.03		822,860.00	549,838.33	1,688,225.83

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

PROJECT:CIRCUITRON CORPORATION SITE
W. O. NO.:04200-015-021-0007-00

FILENAME: CRCITRON.WK1

ITEM	DESCRIPTION	UNIT QUANTITY	UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	GW-3 COMBINED GROUNDWATER PUMPING TREATMENT AND SOILS VENTING										
1	GROUNDWATER TREATMENT SYSTEM: QUOTATION PROVIDED BY GODING COMPLIANCE SYSTEMS, QUOTATION INCLUDES THE PROVISION OF MAJOR EQUIPMENT ONLY										
	A) AERATION, pH ADJUSTMENT(2-CHAMBER) SYSTEM WITH INDUCED DRAFT AERATOR AND PUMP OUT CHAMBER										
	QUANTITY: CAPACITY: 75 GPM MATERIALS OF CONSTRUCTION: FABRICATED CARBON STEEL WITH LINING DIMENSIONS: 8.0' X 20.0' X 10.0' HT	1.0	LS	500.00	500.00	15057.00	15,057.00	46800.00	46,800.00	5,000.00	67,357.00
	FOUNDATION: CAST IN PLACE CONCRETE	22.2	CY	110.00	2,444.44	188.21	4,182.50		0.00	0.00	6,626.94
	B) DISSOLVED AIR FLOTATION CLARIFIER: QUANTITY: CAPACITY: 75 GPM MATERIALS OF CONSTRUCTION: FABRICATED CARBON STEEL DIMENSIONS: 11.2' DIA. X REQ'D SWD	1.0	LS	1500.00	1,500.00	20076.00	20,076.00	78000.00	78,000.00	2,500.00	102,076.00
	FOUNDATION: CAST IN PLACE CONCRETE	6.7	CY	110.00	733.33	188.21	1,254.75		0.00	0.00	1,988.08
	C) AIR STRIPPER: QUANTITY: TYPE: COUNTER-CURRENT FLOW MATERIALS OF CONSTRUCTION: FIBER-REINFORCED POLYESTER (FRP) DIMENSIONS: 4.0' DIA. X 20.0' PACKING HEIGHT	1.0	LS	500.00	500.00	3764.25	3,764.25	50000.00	50,000.00	3,200.00	57,464.25
	FOUNDATION: CAST IN PLACE CONCRETE	4.7	CY	110.00	521.48	188.21	892.27		0.00	0.00	1,413.75
	AIR BLOWER WITH ANCILLARIES	1.0	LS	200.00	200.00	1003.80	1,003.80	0.00	0.00	0.00	1,203.80
	D) VOC CONTROL SYSTEM: QUANTITY: TYPE: GAC COMPLETE MATERIALS OF CONSTRUCTION: MANUFACTURERS STANDARD DIMENSIONS: MODULAR	1.0	LS	4500.00	4,500.00	10038.00	10,038.00	250000.00	250,000.00	5,000.00	269,538.00
	FOUNDATION: CAST IN PLACE CONCRETE	20.8	CY	110.00	2,291.67	188.21	3,921.09		0.00	0.00	6,212.76
	E) PACKAGE STEAM BOILER QUANTITY: TYPE: NATURAL GAS FIRED, 15 PSIG, 320#/HR MATERIALS OF CONSTRUCTION: MANUFACTURERS STANDARD DIMENSIONS: MODULAR	1.0	LS	6750.00	6,750.00	8030.40	8,030.40	48060.00	48,060.00	6,500.00	69,340.40
	FOUNDATION: CAST IN PLACE CONCRETE	8.3	CY	110.00	916.67	188.21	1,568.44		0.00	0.00	2,485.10
	TOTAL SHEET NO. 4				20,857.59		69,788.50		472,860.00	22,200.00	585,706.09

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

FILENAME: CRCITRON.WK1

PROJECT: CIRCUITRON CORPORATION SITE
W. O. NO.: 04200-015-021-0007-00

ITEM	DESCRIPTION	UNIT QUANTITY	UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	GW-3 COMBINED GROUNDWATER PUMPING TREATMENT AND SOILS VENTING										
2	SOIL VENTING TREATMENT SYSTEM WITH OFF-GAS TREATMENT AND VOC RECOVERY QUOTATION PROVIDED BY GODING COMPLIANCE SYSTEMS, QUOTATION INCLUDES THE PROVISION OF MAJOR EQUIPMENT ONLY										
	A) SOIL VENTING SYSTEMS WITH REGENERATIVE AIR BLOWER, AND SEPERATOR QUANTITY: CAPACITY: 350 CFM MATERIALS OF CONSTRUCTION: FABRICATED CARBON STEEL	4.0	EA	1200.00	4,800.00	5019.00	20,076.00	18750.00	75,000.00	8,000.00	107,876.00
	DIMENSIONS: 40" X 48" X 30" HT FOUNDATION: CAST IN PLACE CONCRETE	11.9	CY	110.00	1,303.70	188.21	2,230.67		0.00	0.00	3,534.37
	B) VOC CONTROL SYSTEM: QUANTITY: TYPE: GAC COMPLETE MATERIALS OF CONSTRUCTION: MANUFACTURERS STANDARD	1.0	LS	4500.00	4,500.00	10038.00	10,038.00	250000.00	250,000.00	5,000.00	269,538.00
	DIMENSIONS: MODULAR FOUNDATION: CAST IN PLACE CONCRETE	20.8	CY	110.00	2,291.67	188.21	3,921.09		0.00	0.00	6,212.76
	C) PIPING, FITTINGS AND VALVES FOR INTERCONNECTING SOIL VENTING SYSTEM	1.0	LS	2500.00	2,500.00	10038.00	10,038.00	25000.00	25,000.00	5,000.00	42,538.00
	TOTAL SHEET NO. 5				15,395.37		46,303.76		350,000.00	18,000.00	429,699.13

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

PROJECT:CIRCUITRON CORPORATION SITE
W. O. NO.:04200-015-021-0007-00

FILENAME: CRCITRON.WK1

ITEM	DESCRIPTION	UNIT QUANTITY	UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	GW-3 COMBINED GROUNDWATER PUMPING TREATMENT AND SOILS VENTING										
2	SUPPORT FACILITIES FOR COMBINED TREATMENT SYSTEMS:										
	A) POTABLE WATER	1.0	LS	4500.00	4,500.00	5019.00	5,019.00	0.00	0.00	4,500.00	14,019.00
	B) SANITARY SEWER	1.0	LS	6750.00	6,750.00	6273.75	6,273.75	0.00	0.00	4,500.00	17,523.75
	C) NATURAL GAS	1.0	LS	9000.00	9,000.00	7528.50	7,528.50	0.00	0.00	4,500.00	21,028.50
	D) ELECTRICAL POWER	1.0	LS	9450.00	9,450.00	8030.40	8,030.40	0.00	0.00	4,500.00	21,980.40
3	TREATMENT SYSTEM STRUCTURE: PRE-ENGINEERED STRUCTURE COMPLETE WITH ALL ANCILLARIES SIZE: 40.0' X 40.0' WITH 15.0' EAVE	1.0	LS	0.00	0.00	0.00	0.00	0.00	0.00	56,000.00	56,000.00
4	INTERCONNECTING PIPING, AND PIPE SUPPORTS	1.0	LS	12700.00	12,700.00	7528.50	7,528.50	0.00	0.00	5,000.00	25,228.50
5	BURIED GROUNDWATER RECOVERY PIPING:	2000.0	LF	15.44	30,877.50	14.12	28,231.88	0.00	0.00	21,333.33	80,442.71
6	INSTRUMENTATION AND CONTROLS	1.0	LS	16000.00	16,000.00	11292.75	11,292.75	0.00	0.00	10,000.00	37,292.75
	TOTAL SHEET NO. 6				89,277.50		73,904.78		0.00	110,333.33	273,515.61

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

FILENAME: CRCITRON.WK1

PROJECT:CIRCUITRON CORPORATION SITE
W. O. NO.:04200-015-021-0007-00

ITEM	DESCRIPTION	UNIT QUANTITY	UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	GW-3 COMBINED GROUNDWATER PUMPING TREATMENT AND SOILS VENTING										
7	INSTALLATION OF GROUNDWATER MONITORING WELLS: 4" WITH SCREEN, 70.0 VLF, COMPLETE	3.0	EA		0.00	0.00	0.00		0.00	8,085.00	8,085.00
8	GROUNDWATER RECOVERY TRENCH/INFILTRATION GALLERY: SEE ATTACHED TRENCH WORKSHEETS, (SUBCONTRACT)	1.0	LS	0.00	0.00	0.00	0.00	0.00	0.00	332,500.00	332,500.00
9	INSTALLATION OF AIR SPARGING WELLS: 2" WITH SCREEN, 73.0 VLF, COMPLETE	20.0	EA		0.00	0.00	0.00		0.00	46,720.00	46,720.00
10	INSTALLATION OF VACUUM EXTRACTION WELLS: 2" WITH SCREEN, 25.0 VLF, COMPLETE	15.0	EA		0.00	0.00	0.00		0.00	12,000.00	12,000.00
	TOTAL SHEET NO. 7				0.00		0.00		0.00	399,305.00	399,305.00

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

PROJECT:CIRCUITRON CORPORATION SITE
W. O. NO.:04200-015-021-0007-00

FILENAME: CIRCOPS.WK1

ITEM	DESCRIPTION OPERATIONS AND MAINTENANCE	UNIT QUANTITY	UNIT	MATERIAL UNIT COST	MATERIAL TOTAL MATERIAL	LABOR UNIT COST	LABOR TOTAL LABOR	EQUIPMENT UNIT COST	EQUIPMENT TOTAL EQUIPMENT	SUBCONTRACTS TOTAL SUBCONTRACTS	TOTAL
	GW-3 COMBINED GROUNDWATER PUMPING TREATMENT AND SOILS VENTING										
1	ANNUAL POWER CONSUMPTION:										
a	POWER CONSUMPTION:										
	APPROXIMATE CONNECTED HORSEPOWER	39.0	HP								
	EFFICIENCY	0.92									
	HOURS OF OPERATION PER MONTH	730.0	HRS								
	ELECTRICAL RATE, ConED ($/KWH)	0.1091	KWH								
	CONNECTED MOTOR POWER CONSUMPTION, KWH/MONTH	23,085	KWH								
b	LIGHTING AND OTHER MISCELLANEOUS REQUIREMENTS	923	KWH								
	APPROXIMATE MONTHLY KWH	24,009	KWH	0.1091	2,619.37						
c	ANNUAL POWER COST, ESTIMATED	12.0	MOS	2619.37	31,432	0.00	0		0.00	0.00	31,432.42
2	OPERATIONS: ASSUME NOMINAL MANNING REQUIREMENTS, ONLY A SINGLE SHIFT FOR THREE(3) MEN TO MONITOR AND PERFORM ROUTINE MAINTENANCE TO MECHANICAL EQUIPMENT AND OTHER FACILITIES AND PLANT AS NECESSARY										
	NUMBER OF PERSONNEL	3.0	EA								
	HOURS PER YEAR	2080.0	HRS								
	TOTAL MANHOURS	6240.0	HRS		0.00	31.37	195,748.80		0.00	0.00	195,748.80
	TOTAL SHEET NO. 8				31,432		195,748.80		0.00	0.00	227,181.22

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

ESTIMATE OF LIFE CYCLE COSTS
ESTIMATOR: NGA

FILENAME: O&MCIRC.WK1

CLIENT :CIRCUITRON CORPORATION SITE
LOCATION:EAST FARMINGDALE, NASSAU COUNTY, NEW YORK
W. O. NO:04200-015-021-0007-00

DATE: 12-Jul-94
TIME: 02:02 PM

STUDY TITLE: PRICING OF REMEDIAL ALTERNATIVES

DISCOUNT RATE: 8.00% ECONOMIC LIFE: 15 YEAR(S)

		ALTERNATIVE 1 Describe: GW-1 NO ACTION/INSTITUTIONAL CONTROLS		ALTERNATIVE 2 Describe: GW-2 GROUNDWATER PUMPING AND TREATMENT		ALTERNATIVE 3 Describe: GW-3 COMBINED GROUNDWATER PUMPING TREATMENT/VENTING		ALTERNATIVE 4 Describe:	
		ESTIMATED COSTS	PRESENT WORTH	ESTIMATED COSTS	PRESENT WORTH	ESTIMATED COSTS	PRESENT WORTH	ESTIMATED COSTS	PRESENT WORTH
INITIAL COST	INITIAL COSTS -								
	A. DEED AND SITE RESTRICTIONS	5,000		0		0		0	
	B. GROUNDWATER MONITORING WELLS (+GW-3 SPARGING&VACUUM)	6,200		0		66,805			
	C. GROUNDWATER TREATMENT SYSTEM			0		585,706			
	D. SUPPORT SYSTEMS			0		74,552			
	E. TREATMENT SYSTEM STRUCTURE			0		56,000			
	F. PIPING, INSTRUMENTATION AND CONTROLS			0		142,964			
	G. GROUNDWATER RECOVERY TRENCH/INFILTRATION GALLERY			0		332,500			
	H. SOIL VENTING W/VOC CONTROL SYSTEM					429,699			
	I. OTHER PROJECT DIRECT AND INDIRECT COSTS 12.65%	1,400		0		213,600			
	J. PROJECT/CONSTRUCTION CONTRACT COSTS 17.00%	1,900		0		286,900			
	CONTINGENCIES 15.00%	2,200		0		328,300			
	ESCALATION 0.00%								
	TOTAL INITIAL COST	<><><><><><>	16,700	<><><><><><>	0	<><><><><><>	2,517,026	<><><><><><>	0
OWNING COSTS	OPERATIONS (ANNUAL) — Differential Escalation Rate / PWA W/Escl								
	A. ELECTRICAL 0 8.559478687	0	0	0	0	31,432	269,045		0
	B. FUEL, NATURAL GAS 0 8.559478687		0	0	0	2,400	20,543		0
	C. WATER 0 8.559478687		0	0	0	600	5,136		0
	D. WASTE DISPOSAL COST 0 8.559478687		0	0	0	6,000	51,357		0
	E. 0 8.559478687		0		0		0		0
	F. 0 8.559478687		0		0		0		0
	G. 0 8.559478687	0	0		0		0		0
	H. 0 8.559478687		0		0		0		0
	I. 0 8.559478687		0		0		0		0
	J. LABOR @ $31.37/MANHOUR 0 8.559478687	0	0	0	0	195,749	1,675,508		0
	TOTAL ANNUAL OPERATIONS COSTS	<><><><><><>	0	<><><><><><>	0	<><><><><><>	2,021,588	<><><><><><>	0
	MAINTENANCE (ANNUAL) — Differential Escalation Rate / PWA W/Escl								
	A. SITE 0 8.559478687		0		0		0		0
	B. STRUCTURAL 0 8.559478687		0		0		0		0
	C. MECHANICAL 0 8.559478687		0		0		0		0
	D. ELECTRICAL 0 8.559478687		0		0		0		0
	E. INSTRUMENTATION AND CONTROLS 0 8.559478687		0		0		0		0
	F. OTHER 0 8.559478687		0		0		0		0
	G. MAINTENANCE MATERIALS 0 8.559478687		0	0	0	7,200	61,628		0
	TOTAL ANNUAL MAINTENANCE COSTS	<><><><><><>	0	<><><><><><>	0	<><><><><><>	61,628	<><><><><><>	0

CLIENT :CIRCUITRON CORPORATION SITE
OCATION:EAST FARMINGDALE, NASSAU COUNTY, NEW YORK
. O. NO:04200-015-021-0007-00

STUDY TITLE: PRICING OF REMEDIAL ALTERNATIVES

DISCOUNT RATE: 8.00% ECONOMIC LIFE: 15 YEAR(S)

	ALTERNATIVE 1 Describe: GW-1 NO ACTION/INSTITUTIONAL CONTROLS		ALTERNATIVE 2 Describe: GW-2 GROUNDWATER PUMPING AND TREATMENT		ALTERNATIVE 3 Describe: GW-3 COMBINED GROUNDWATER PUMPING TREATMENT/VENTING		ALTERNATIVE 4 Describe: 0 0 0	
	ESTIMATED COSTS	PRESENT WORTH	ESTIMATED COSTS	PRESENT WORTH	ESTIMATED COSTS	PRESENT WORTH	ESTIMATED COSTS	PRESENT WORTH
ALTERATIONS (SINGLE EXPENDITURE) YEAR PW Factor								
ITEM(S) ALTERED								
A. 0 1		0		0		0		0
B. 0 1		0		0		0		0
C. 0 1		0		0		0		0
TOTAL ALTERATION COSTS	<><><><><>	0	<><><><><>	0	<><><><><>	0	<><><><><>	0
REPLACEMENTS (SINGLE EXPENDITURE) YEAR PW Factor								
A. PUMPS 5 0.680583197		0	0	0	2,160	1,470		0
B. PUMPS 10 0.463193488		0	0	0	2,160	1,000		0
C. PUMPS 15 0.315241705		0	0	0		0		0
D. PUMPS 20 0.214548207		0	0	0		0		0
E. PUMPS 25 0.146017904		0	0	0		0		0
F. BLOWERS 5 0.680583197		0	0	0	2,500	1,701		0
G. BLOWERS 10 0.463193488		0	0	0	2,500	1,158		0
H. BLOWERS 15 0.315241705		0	0	0		0		0
I. BLOWERS 20 0.214548207		0	0	0		0		0
J. BLOWERS 25 0.146017904		0	0	0		0		0
K. 0 1		0		0		0		0
L. 0 1		0		0		0		0
TOTAL REPLACEMENT COSTS	<><><><><>	0	<><><><><>	0	<><><><><>	5,330	<><><><><>	0
F I N A N C I N G C O S T S								
F U N C T I O N A L U S E C O S T S								
D E N I A L O F U S E C O S T S								
ASSOCIATED (ANNUAL) Differential Escalation Rate PWA W/Escl								
A. ANNUAL GROUNDWATER MONITORING 0 8.559478687	53,961	461,882	0	0	53,961	461,882		0
B. SEE NOTE 1 0 8.559478687		0		0		0		0
C. 0 8.559478687		0		0		0		0
D. 0 8.559478687		0		0		0		0
E. 0 8.559478687		0		0		0		0
F. 0 8.559478687		0		0		0		0
G. 0 8.559478687		0		0		0		0
TOTAL ANNUAL ASSOCIATED COSTS	<><><><><>	461,882	<><><><><>	0	<><><><><>	461,882	<><><><><>	0

ROY F. WESTON, INC.
WEST CHESTER, PENNSYLVANIA

FILENAME: O&MCIRC.WK1

CLIENT :CIRCUITRON CORPORATION SITE
LOCATION:EAST FARMINGDALE, NASSAU COUNTY, NEW YORK
W. O. NO:04200-015-021-0007-00

STUDY TITLE: PRICING OF REMEDIAL ALTERNATIVES

DISCOUNT RATE: 8.00% ECONOMIC LIFE: 15 YEAR(S)

		YEAR	PW Factor	ALTERNATIVE 1 Describe: GW-1 NO ACTION/INSTITUTIONAL CONTROLS ESTIMATED COSTS	ALTERNATIVE 1 PRESENT WORTH	ALTERNATIVE 2 Describe: GW-2 GROUNDWATER PUMPING AND TREATMENT ESTIMATED COSTS	ALTERNATIVE 2 PRESENT WORTH	ALTERNATIVE 3 Describe: GW-3 COMBINED GROUNDWATER PUMPING TREATMENT/VENTING ESTIMATED COSTS	ALTERNATIVE 3 PRESENT WORTH	ALTERNATIVE 4 Describe: 0 0 0 ESTIMATED COSTS	ALTERNATIVE 4 PRESENT WORTH
SALVAGE	SALVAGE AT END OF ECONOMIC LIFE										
	A. STRUCTURE/ARCHITECTURAL	15	0.315241705	(15,030)	(4,738)	0	0	(50,400)	(15,888)	0	0
	B. EQUIPMENT	15	0.315241705		0	0	0	(913,865)	(288,088)		0
	C. MECHANICAL	15	0.315241705		0	0	0	(128,668)	(40,561)		0
	D. ELECTRICAL	15	0.315241705		0	0	0	(67,096)	(21,152)		0
	E. OTHER	15	0.315241705		0		0		0		0
	F.	15	0.315241705		0		0		0		0
	G.	15	0.315241705		0		0		0		0
	TOTAL SALVAGE			<><><><><>	(4,738)	<><><><><>	0	<><><><><>	(365,689)	<><><><><>	0
LIFE CYCLE COSTS	TOTAL PRESENT WORTH LIFE CYCLE COSTS			<><><><><>	473,844	<><><><><>	0	<><><><><>	4,701,765	<><><><><>	0
	LIFE CYCLE PRESENT WORTH DOLLAR SAVINGS			<><><><><>		<><><><><>	473,844	<><><><><>	(4,227,921)	<><><><><>	473,844
				<><><><><>		<><><><><>		<><><><><>		<><><><><>	

NOTES:

1. ANNUAL WATER SAMPLING COSTS, INCLUDES QUARTERLY ACQUISITION OF SAMPLES, PACKAGING AND SHIPPING. INCLUDES QA/QC SAMPLES AND BLANKS. TCL ANALYSIS INCLUDED AT $400.00 PER ANALYSIS