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H & A OF NEW YORK

Geotechnical
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826
011

ENARCO RI Regional Report

6/95

H & A OF NEW YORK

Frank
md Peachey
Jim



Letter of Transmittal

Geotechnical Engineers &
Environmental Consultants

To	Division of Haz. Waste Remediation	Date	9 June 1995
	NYSDEC, 50 Wolf Rd.	File Number	70372-048
	Albany, New York 12233-7010	Subject	Enarc-O Machine Products RI/FS
Attention	A. Joseph White/Gardiner Cross		---

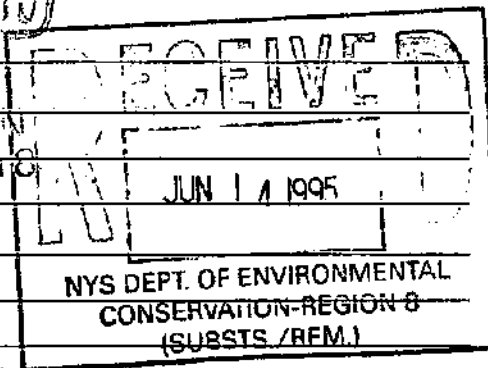
Copies	Date	Description
4	6/9/95	Quarterly Progress Report No. 5, 3 March 1995 to 3 June 1995, Enarc-O Machine Products Remedial Investigation/Feasibility Study, Lima, New York

Remarks

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JUN 13 1995

W. J. Mahoney
NYSDEC, Region 8



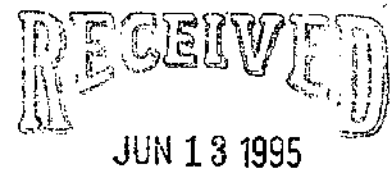
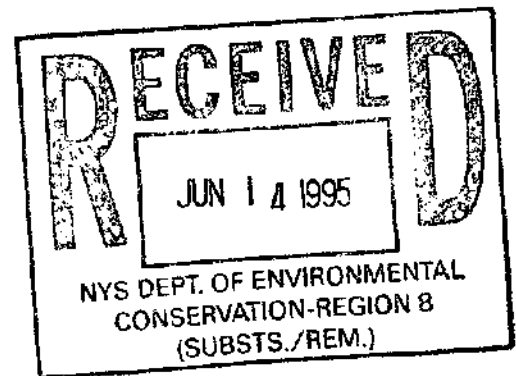
Copy To Director, Bur. Environ. Investigation, NYSDOH
Region 8 Director, NYSDEC
Glen R. Bailey, Esq., NYSDEC Div. Env. Enforcement
William H. Helferich, III, Harter Secrest & Emery

Signed Robert J. Mahoney

189 North Water Street
Rochester, NY 14604
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QUARTERLY PROGRESS REPORT NO. 5
3 MARCH 1995 TO 3 JUNE 1995
ENARC-O MACHINE PRODUCTS, INC.
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
LIMA, NEW YORK
NYSDEC CONSENT ORDER NO. B8-0112-91-04



WATER DIVISION
NYSDEC, Region 8

by

H&A of New York
Rochester, New York

for

Kaddis Manufacturing Corp.
Rochester, New York

File No. 70372-048
June 1995



8 June 1995
File No. 70372-048

Ronald Iannucci, Sr., President
Kaddis Manufacturing Corporation
P.O. Box 92985
1100 Beahan Road
Rochester, New York 14692-9085

Subject: Quarterly Progress Report No. 5
Enarc-O Machine Products, Inc. RI/FS

Dear Mr. Iannucci:

H&A has prepared the attached Quarterly Report No. 5 for the Remedial Investigation/Feasibility Study (RI/FS) at the Enarc-O Machine Products site in Lima, New York. The report was prepared in accordance with requirements set forth by the New York State Department of Environmental Conservation in Order on Consent No. B8-0112-91-04 for the project.

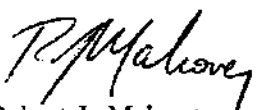
The Progress Report provides a summary of work performed by H&A during the last quarter. H&A's work has been performed in accordance with the Work Plan for the project, dated 30 December 1993.

Briefly, work performed during the quarter on the project includes: 1) groundwater sampling of selected residential wells; 2) groundwater sampling of on-site monitoring wells; 3) data validation of the most recent quarterly groundwater sampling analytical results; and 4) monitoring of water levels in on-site monitoring wells and Honeoye Creek.

Details on these tasks are included in this Progress Report. Copies of this report have been forwarded to NYSDEC (see below) as required by the Consent Order.

If you have any questions regarding the information in this report, please do not hesitate to contact us.

Sincerely yours,
H&A OF NEW YORK


Robert J. Mahoney
Senior Env. Geologist


Vincent B. Dick
Vice President

c: A. Joseph White, Div. Haz. Waste Remed., NYSDEC (4 copies, one unbound)
Director, Bur. Environ. Exposure Investigation, NYSDOH (2 copies)
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4	Project Schedule

I. INTRODUCTION

This report has been prepared to document recent project activities for the Remedial Investigation/Feasibility Study (RI/FS) being performed at the Enarc-O Machine Products, Inc. facility. The site is located in Lima, New York, as shown on Figure 1. This report is the fifth quarterly progress report to be prepared in accordance with the NYSDEC Order on Consent No. B-0112-91-04 for the site.

The site is owned by Kaddis Manufacturing Corporation (Kaddis) of Rochester, New York. The RI/FS is being performed for Kaddis by H&A of New York (H&A) of Rochester, New York.

This report presents results of field and laboratory investigations during the period 3 March 1995 through 3 June 1995.

II. ACTIONS TAKEN

Project activities conducted during the reporting period consisted of:

- Off-site residential well groundwater sampling and analyses;
- On-site monitoring well groundwater sampling and analyses;
- Data validation of groundwater sampling analytical results; and
- Water level measurements in Honeoye Creek and on-site monitoring wells.

Each of these tasks is discussed below.

Off-site Residential Well Groundwater Sampling

Groundwater quality sampling was conducted by H&A on 11 off-site residential wells and the Enarc-O supply well during the period of 10 through 14 April 1995. The primary purpose of the groundwater sampling was to determine the present extent of groundwater contamination across the Enarc-O study area.

The sampling was conducted at the addresses indicated on Figure 2 and in Table 1, including the Enarc-O former water supply well. Each well was sampled at two elevations within the well except at 7880 Martin Road and the Enarc-O supply well, which were both sampled at three elevations. Table 1 presents a summary of the sampled elevations and measured groundwater elevations at each residence well. It should be noted that two sampling elevations were modified. The upper sample at 7820 Martin Road, originally proposed for el. 680 (cascading water) was obtained at el. 640, since no cascading water was present at the time of sampling. The lower sample at 1191 Bragg Street, was changed from el. 600 to el. 640, and the upper sample was changed from el. 640 to el. 685. These sample depths were revised due to the well's shallow depth. Table 2 contains a summary of the analytical results from the April 1995 sampling.

Groundwater Analytical Results Evaluation

H&A summarized results of the sampling and analysis in a letter report to NYSDEC dated 23 May 1995. The report is reproduced in its entirety in Appendix A. The following sections briefly summarize the report:

- Volatile organic compound (VOC) concentrations in nearly all of the offsite wells have decreased significantly since the 1985 sampling events, and in several cases no VOCs were detected. The well at 1116 Ideson Road is one exception where acetone was detected at 82 parts per billion (ppb) in the deeper sample.
- VOC concentrations in six of the twelve wells sampled are now below New York State drinking water standards.



- VOCs have also dropped significantly in the wells nearer the apparent source area (Enarc-O supply well, 7880 and 7873 Martin Road, 1167 Bragg Street) relative to the last residential sampling events in March/August/June, 1985, although selected compounds presently remain at levels above NYS drinking water standards.
- Compound concentrations do not exhibit a discernable pattern with regard to vertical distribution. In most cases the shallow and deep samples exhibited similar concentrations. The samples from the Enarc-O well indicate the greatest compound concentrations near the apparent source area to be near the water table. Most compounds in the deeper samples were detected only at low, estimated concentrations.
- Acetone was detected in two offsite wells (1116 and 1121 Ideson Rd.) and one onsite monitoring well (MW 201D). The well at 1121 Ideson Road contained acetone at an estimated 9 ppb. The well at 1116 Ideson Road contained 82 ppb acetone in the deep sample. In addition, this well had an estimated 71 ppb of unknown compounds. These results are anomalous and do not fit the general pattern of chlorinated solvents seen in the study area to date. Acetone, a common laboratory contaminant, has not been detected in any prior groundwater sample obtained either onsite or offsite. The presence of acetone in the wells from this sampling round may be due to either laboratory or field contamination. A field equipment blank that, although not associated with any of the groundwater samples that showed detectable levels of acetone, did detect an estimated 9 ppb acetone. Additional sampling, as proposed for two of these three wells in the next quarter, will aid in confirming or denying the presence of acetone in groundwater.
- Petroleum-related VOCs (benzene and toluene) were detected at low concentrations (estimated at 2 ppb each) in the well at 1191 Bragg Street. These compounds may be associated with the Crane Auto Shop located adjacent to the well. The presence of these compounds is also anomalous and does not fit the pattern of chlorinated solvents historically observed in the study area.
- Compound concentrations in the onsite monitoring wells were essentially unchanged over the previous two quarters, with the exception of MW-4, which has fallen to "non-detect" since November 1994 (quarterly sampling event no. 2).

These data indicate that contaminant levels in groundwater have diminished significantly as a result of natural attenuation during the last ten years. Elevated off-site contaminant concentrations are generally limited to those wells immediately to the northeast and west of the Enarc-O property (7880 Martin Road and 1167 Bragg Street, respectively). It appears that continued migration from the source area is not occurring; the presence of contaminants in the outlying wells in the 1985 sampling event may have been due to a "slug" of contamination rather than an ongoing supply from the apparent source area.

Analytical data for the on-site and off-site groundwater sampling is presented in Appendix B.

Based on these results, H&A has proposed modification of the RI work scope, as outlined in our 23 May letter to NYSDEC (Appendix A). These modifications include:

- elimination of selected residential wells from future quarterly sampling;

- / elimination of a groundwater pump test; and
- initiation of a presumptive remedy to begin cleanup of the presumed source area, in lieu of a full feasibility study (FS).

Data Validation

Data validation procedures performed during this quarter include the evaluation of the most recent round of groundwater sampling and analysis conducted April 1995. The evaluation included the review of each analytical data report and Chain of Custody (COC) record for compliance with regard to: 1) sample holding time requirements; 2) surrogate compound recoveries; 3) internal standard recoveries; and 4) method-specific quality control and quality assurance sample analyses. The data validation was performed with guidance provided from the "Functional Guidelines For Evaluating Organic and Inorganic Analyses", USEPA 1988.

Quality Assurance and Quality Control (QA/QC) analyses performed as part of the remedial investigation included field trip blanks (volatiles only), field equipment rinseate blanks, field duplicate samples, matrix spike and matrix spike duplicate analyses, laboratory control and method blank sample analysis. QA/QC samples were analyzed concurrently with project samples for each target analyte of the prescribed analytical methodology to assess the precision and accuracy of the field and laboratory procedures performed during the investigation.

The following observations were made relative to the QA/QC analyses performed.

- During the initial analysis, the target analyte trichloroethene (TCE) was detected in a few site samples at a concentration exceeding the GC/MS instrument calibration. The reported results for TCE were appropriately flagged "E". The affected samples were diluted and reanalyzed and the reported results were appropriately flagged "D". Only the "D" flagged result for TCE in the reanalyzed site samples should be considered as representative of the site groundwater quality at the time of the sample collection.
- Holding time for the preparation and analysis and required reanalysis of each project sample meet NYSDEC ASP method-specific requirements, without exception.
- Given the concentrations of the target compounds detected in each sample aliquot, the calculated precision and variability is acceptable and indicative of representative environmental samples.
- The recovery of each MS/MSD analyte falls within laboratory-specific quality control limits without exception. The data indicates the analyses were accurate and the results are representative of site conditions.
- Surrogate compound recoveries for organic analyses are within laboratory-specific quality control limits without exception.
- Target analytes were not detected above the practical quantitation limit (PQL) in laboratory method blank samples.

In summary, the QA/QC sample analyses performed as part of the Enarco Machine Products Remedial Investigation meet or exceed the accepted precision and accuracy requirements of high

quality environmental analysis data. The field and laboratory QA/QC analyses performed indicate the data presented for the analysis of groundwater is representative of site conditions at the time of sample collection.

Stream and Groundwater Level Monitoring

Water levels in the onsite monitoring wells and Honeoye Creek were measured periodically during this quarter. Hydrographs depicting groundwater and stream level elevations over time are presented in Appendix C.

III. DELIVERABLES

In accordance with the consent order requirements, Quarterly Report No. 4, for the reporting period 3 December 1994 to 3 March 1995, was mailed to NYSDEC and the consent order mailing list parties on 8 March 1995. In addition, preliminary groundwater analytical results were provided to the same parties on 23 May 1995. No other deliverables were warranted during this quarter.

IV. FUTURE ACTIVITIES

It is anticipated that the following field work, as proposed in the work plan, will be performed in the next quarter:

- additional quarterly residential well sampling;
- additional quarterly sampling and laboratory analyses of onsite monitoring wells; and
- additional water level and stream gauge data collection.

Pending NYSDEC's response to H&A's proposed modifications to the project scope, the RI report could be completed during the third quarter of 1995. Based on the anticipated completion date of the field work and other tasks, completion of the RI report is expected to occur in the third quarter of 1995.

In addition, the following activities will be initiated during the next quarter, after the analytical results are received and validated from the completed sampling:

- Environmental Risk Assessment (resource hazard evaluation);
- Health Risk Assessment; and
- Focused IRM Feasibility Evaluation.

V. WORK SCHEDULE AND PERCENT COMPLETION

A project schedule and list of work tasks is shown in Figure 4. The following 15 work tasks have been completed:

- site survey and base map preparation;
- on-site monitoring well installations;
- source area soil vapor study;
- delineation phase soil vapor study;
- stream staff gauge installation;
- off-site residential soil sampling;
- Enarc-O septic tank sampling;
- first three quarterly on-site monitoring well sampling events;
- on-site well permeability testing (rising head tests);
- ecological site evaluation portion of the environmental risk assessment;
- residential well field evaluation;
- residential well preparation, including pump-pulling;
- residential well geophysical logging; and
- residential well elevation survey;
- initial residential well groundwater sampling.

H&A estimates that the Remedial Investigation is more than 75% done, with approximately 15 of 21 estimated tasks completed (see Figure 4).

VI. WORK PLAN MODIFICATION

Modification to the work plan during this quarter consisted of the following:

- *Quarterly off-site groundwater sampling methodology.* Groundwater sampling in off-site residential wells was conducted using the low-flow method as outlined in H&A's letter to NYSDEC, dated 12 August 1994, and approved by NYSDEC in a 29 August 1994 response to H&A.

VII. CITIZEN PARTICIPATION PLAN ACTIVITIES

During recent field activities at one study area residential well, the homeowner questioned H&A of New York personnel about analytical results from the recent well sampling event. H&A referred the resident to NYSDEC Citizen Participation Specialist, Linda Vera, and provided the resident with the appropriate phone number to contact Ms. Vera. In the event that other residents similarly request the results from the sampling event, H&A will again refer them to the NYSDEC Citizen Participation Specialist.

No other Citizen Participation Plan activities (i.e. public meetings) were scheduled or conducted during the past quarter. None are currently scheduled for the next quarter.

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TABLE 1
OFF-SITE RESIDENTIAL WELL SAMPLING ELEVATIONS

ADDRESS	WELL ELEVATIONS (ft.)				10-14 APRIL 1995 SAMPLED ELEVATIONS
	TOP OF CASING	BOTTOM OF CASING	APPROX. WELL BOTTOM	WATER LEVEL	
LOGGED WELLS:					
1081 Ideson	685.64	672.5	603	644.68	640; 607
1121 Ideson	691.75	684	572	644.90	673 (cascading water); 605
7820 Martin	704.15	680	580	644.70	640; 583
Enarc-O Supply Well	719.88	687	535	644.20	637; 598; 540
7873 Martin	693.61	687	583	646.77	637; 592
UNLOGGED WELLS:					
1090 Ideson	697.44	unknown	574	644.58	640; 600
1116 Ideson	697.92	unknown	572	644.82	640; 600
1146 Ideson	703.46	unknown	578	644.76	640; 600
7852 Martin	713.79	unknown	573	689.06	640; 600
7880 Martin	707.93	unknown	558	645.28	640; 600; 565
1167 Bragg	715.30	unknown	584	644.82	640; 600
1191 Bragg	714.32	unknown	637	692.04	685; 640

NOTES:

1. Top of casing elevations surveyed by D.J.Parrone on 22 December 1994.
2. Refer to text for discussion of sampling elevations.
3. Water levels measured on 10-14 April 1995.

SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER

[illegible]

SUMMARY OF ANALYTICAL RESULTS – GROUNDWATER

[illegible]

TABLE 2 (con't)
ENARC-O MACHINE PRODUCTS, INC.
REMEDIAL INVESTIGATION
LIMA, NEW YORK

SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER

ON - SITE

DATE	SAMPLED BY	DETECTED COMPOUNDS -- CONCENTRATION IN PARTS PER BILLION (PPB)																			TOTAL VOCs
		TCE	1,1,1- TCA	cis-1,2 -DCE	trans- 1,2-DCE	1,2- DCA	1,1- DCE	1,1- DCA	MeCl2	PCE	CHLORO- FORM	BDCM	1,1,2- TCA	1,1,2,2- tetraCl	CARB. TET.	ACET.	BENZ.	CHLORO- BENZ.	TOL	VC	
01/07/91	OBG MW-1	3	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	4
01/07/91	CDM-FPC	4	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	5
02/25/91	OBG	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4
02/25/91	CDM-FPC	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4
07/14/94	H&A	2J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0
11/02/94	H&A	3J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0
04/14/95	H&A	2J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0
01/08/91	OBG MW-2	3900	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3900
02/26/91	OBG	3400	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3400
07/14/94	H&A	1400	---	23J	---	---	---	---	---	---	---	---	---	---	25J	---	---	---	---	---	1400
11/02/94	H&A	500	8J	29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	529
04/14/95	H&A	1600	19	12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1631
01/07/91	CDM-FPC MW-3	7900	990	130	---	1	28	27	---	150	2	---	---	---	---	---	---	---	---	---	9226
01/07/91	OBG	5800	470	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6270
02/25/91	CDM-FPC	3800	370	70	---	---	9	11	---	75	---	---	---	---	---	---	---	---	---	---	4335
02/25/91	OBG	5300	420	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5720
07/14/94	H&A	1100	130	30J	---	---	14J	---	---	17J	---	---	---	---	---	---	---	---	---	---	1230
11/02/94	H&A	3200	250	51J	---	---	---	---	13J	23J	---	---	---	---	---	---	---	---	---	---	3450
04/14/95	H&A	2500	190	98	---	2J	12	11	---	22	8J	---	---	---	---	---	---	---	---	---	2833
01/08/91	OBG MW-4	80	11	14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	85
02/25/91	OBG	89	17	18	---	---	---	---	---	2	---	---	---	---	---	---	---	---	---	---	104
07/14/94	H&A	10	28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	38
11/02/94	H&A	15	15	---	---	---	---	---	2J	---	---	---	---	---	---	---	---	---	---	---	30
04/14/95	H&A	7J	4J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0
01/08/91	CDM-FPC MW-5	280	18	170	---	---	2	1	---	1	---	---	---	---	---	---	---	---	---	---	452
02/26/91	CDM-FPC	310	10	90	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	410
01/08/91	OBG	240	12	160	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	412
02/26/91	OBG	310	8	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	418
07/14/94	H&A	510	23J	58	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	568
11/02/94	H&A	1100	55	72	---	---	5J	---	---	9J	---	---	---	---	---	---	---	---	---	---	1227
04/14/95	H&A	400	15	63	---	---	---	---	---	4J	---	---	---	---	---	---	---	---	---	---	478
01/07/91	OBG MW-6	1	---	---	---	---	---	---	---	---	---	---	---	3	---	---	---	---	---	---	4
02/25/91	OBG	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0
07/14/94	H&A	3J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0
11/02/94	H&A	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0
04/14/95	H&A	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0
07/14/94	H&A MW-201D	7400	390J	1100	---	---	---	---	---	180J	---	---	---	---	---	---	---	---	---	---	8500
11/02/94	H&A	4000	100J	830	---	---	---	---	---	61J	---	---	---	---	---	---	---	---	---	---	4830
04/14/95	H&A	3800	200J	680	---	11	10	34	---	130	---	---	---	---	14	---	---	---	6J	---	4679
07/14/94	H&A MW-202	15	---	11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	26
11/02/94	H&A	25	---	45	3J	---	---	---	---	---	---	---	---	---	---	---	---	---	7J	---	70
04/14/95	H&A	140	5J	8J	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	140

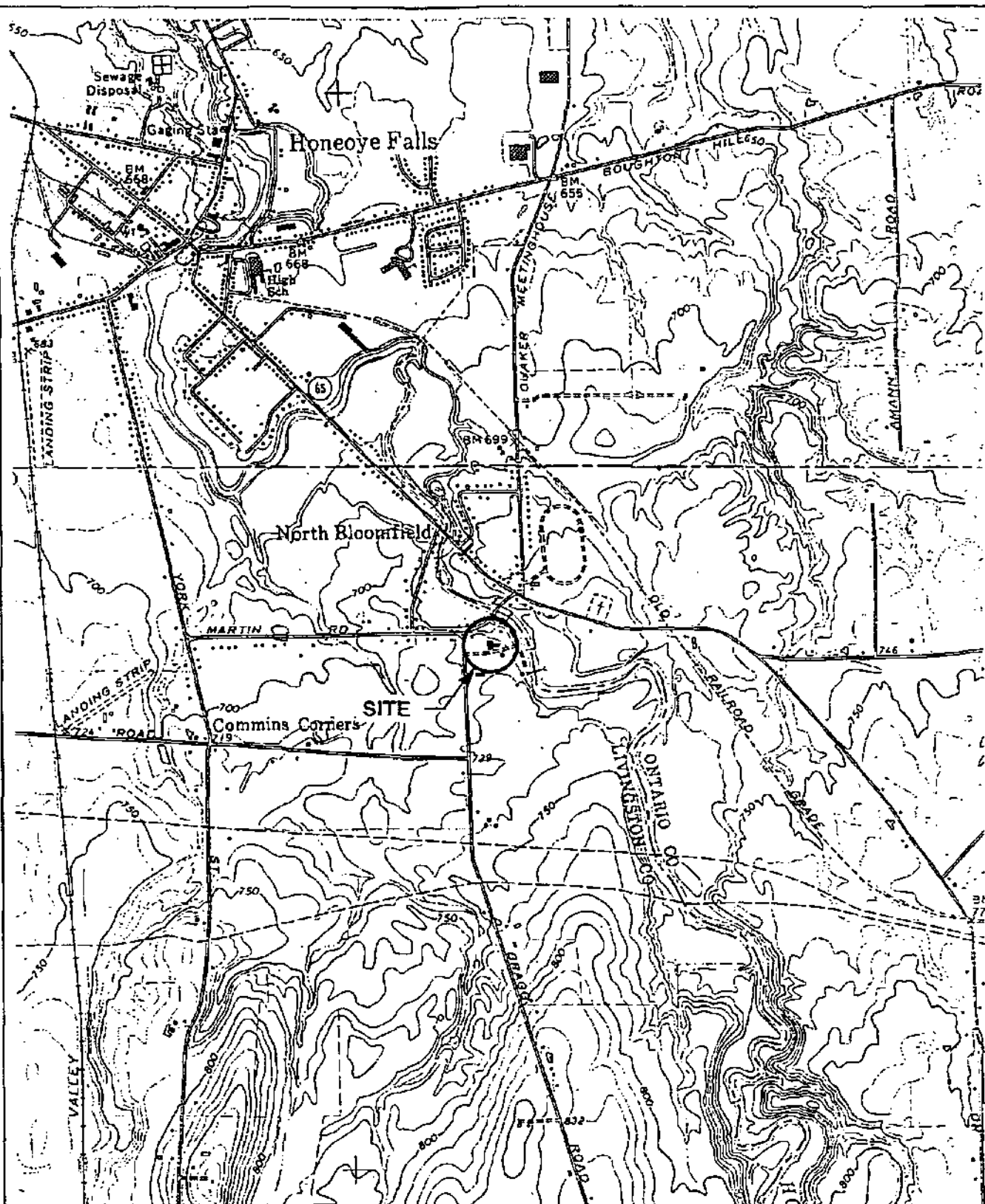
NOTES:

1. "—" indicates analyte not detected or not analyzed for.

"J" indicates estimated value at or below practical quantitation limit (not included in Total VOCs).

MGB-123V24 M:\KWS\70372\HISTGW3

169689



LATITUDE: 42° 56' 13" N LONGITUDE: 77° 34' 33" W



QUADRANGLE LOCATION

U.S.G.S. QUADRANGLE: HONEOYE FALLS, N.Y.

H & A OF NEW YORK



Geotechnical Engineers & Environmental Consultants

ENARC-O MACHINE PRODUCTS
LIMA, NEW YORK

PROJECT LOCUS

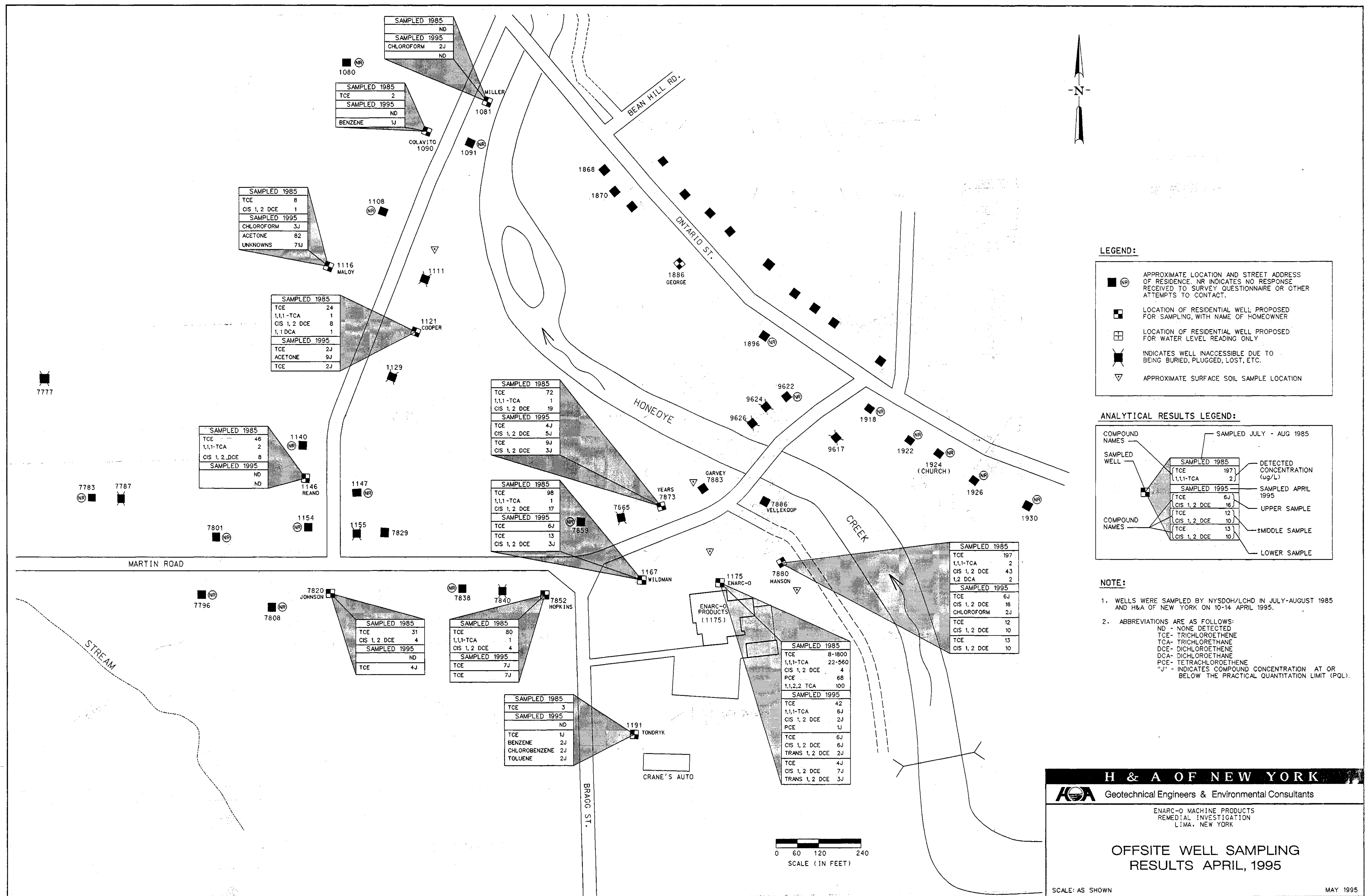
SCALE: 1 IN. = 2000 FT.

FEBRUARY 1993

FILE NO. 70372-40

MAKEDFACE

FIGURE 1



	RESIDENTIAL WELL
	STREAM STAFF GAUGE LOCATION
	MONITORING WELL INSTALLED BY H&A OF NEW YORK, NUMBER IN PARENTHESES INDICATES TOP OF WELL CASING ELEVATION
	MONITORING WELL INSTALLED BY OTHERS, NUMBER IN PARENTHESES INDICATES TOP OF CASING ELEVATION
	SOIL VAPOR SURVEY LOCATION BY H&A OF NEW YORK
	SPODES DISCHARGE LINE; C.O. INDICATES CLEAN-OUT LOCATION
	PROPERTY BOUNDARY

1. PLAN ADAPTED FROM SURVEY PERFORMED BY D.J. PARRONE ASSOCIATES COMPLETED ON 11 JUNE 1994.
2. LOCATIONS OF RESIDENCE AT 1167 BRAGG STREET, 7880 RD. AND BRAGG AVE. IN SECTION 16 APPROXIMATE ONLY, BASED ON AVAILABLE PLANIMETRIC INFORMATION.
3. MONITORING WELLS MW-1 THROUGH MW-6 INSTALLED BY PARRATT-WOLFF INC. DURING NOVEMBER-DECEMBER 1985. MONITORING WELLS MW-1985, 2010 AND 2022 INSTALLED BY MOTHOLE DRILLING COMPANY INC. UNDER H&A OF NEW YORK OBSERVATION DURING THE PERIOD 23 THROUGH 27 MAY 1994.

Geotechnical Engineers & Environmental Consultants

ENARC-O MACHINE PRODUCTS, INC.
LIMA, NEW YORK

SITE PLAN

SCALE: AS SHOWN

MARCH 1995

FILENAME: 70372-048:RIS005D.DGN

ENARC-O MACHINE PRODUCTS, INC.
LIMA, NEW YORK
REMEDIAL INVESTIGATION QUARTERLY REPORT NO.5
PROJECT SCHEDULE
(revised 6/6/95)

	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL
TASK	MONTH 1	MONTH 2	MONTH 3	MONTH 4	MONTH 5	MONTH 6	MONTH 7	MONTH 8	MONTH 9	MONTH 10	MONTH 11	MONTH 12	MONTH 13	MONTH 14
1. WORK PLAN APPROVAL/PUBLIC MTG. COMPLETION	  complete													
2. WELL DATA SURVEY	 													
3. RE-SURVEY, BASE MAP PREPARATION	 					complete								
4. GEOPHYSICAL LOGGING												complete		
5. WELL SAMPLING/ANALYSIS ON-SITE														
6. WELL SAMPLING/ANALYSIS OFF-SITE														
7. SOIL GAS SURVEYS	 			complete										
8. MONITORING WELL INSTALLATION					complete									
9. NEW WELLS SAMPLE/ANALYSIS														
10. HYDROGEOLOGIC TESTING					perm tests complete									
11. STREAM GAUGE INSTALL/MEASUREMENT	 													
12. SEPTIC TANK/OFF-SITE SURFACE SOIL SAMPLING					complete									
13. ENVIRON. & HEALTH RISK ASSESSMENTS														
14. DATA REDUCTION/VALIDATION														
15. RI REPORT PREP/SUBMITTAL														
16. AGENCY REVIEW/COMMENT/APPROVE														
17. IRM/FOCUSSED FS EVALUATION														
18. AGENCY REVIEW/COMMENT/APPROVE														
19. FULL FS PRBP														
20. AGENCY REVIEW/COMMENT														
21. FINAL FS/APPROVE														
22. RECORD OF DECISION														

NYSDEC Notice—
To Proceed

LEGEND:

 ORIGINAL SCHEDULE
 ACTUAL SCHEDULE

FIGURE 4

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Appendix A

Appendix A

APPENDIX A

H&A Letter Report to NYSDEC

Summarizing Groundwater Sampling and Analyses, 23 May 1995



23 May 1995
File No. 70372-042

New York State Department of
Environmental Conservation
Bureau of Western Remedial Action
Division of Hazardous Waste Remediation
50 Wolf Road
Albany, New York 12233-7010

Attention: Mr. Gardiner Cross

Subject: Enarc-O Machine Products RI/FS
Lima, New York

Dear Mr. Cross:

This letter presents the analytical results of the recent groundwater sampling event performed as part of the Enarc-O Machine Products Remedial Investigation in Lima, New York. The sampling included the third quarterly round for onsite monitoring wells and the first sampling event for the offsite former residential water supply wells. The sampling was performed in accordance with the project work plan and H&A of New York's letters dated 12 August 1994 and 3 February 1995 detailing sampling methodology.

As proposed in our letter dated 3 February 1995, H&A has sampled 11 residential wells and the Enarc-O supply well. Each well was sampled at two depths, with the exception of the Enarc-O supply well and the well at 7880 Martin Road. A third, deep sample was obtained in these two wells due to their depth. All wells were sampled using the approved low-flow purging method to minimize purge water volumes and allow for discreet sampling at desired depths. The onsite monitoring wells were sampled using conventional bailing methods to remain consistent with the first two quarterly sampling rounds.

H&A had proposed obtaining samples of cascading water, if present, in two of the residential wells, 7820 Martin Rd. and 1121 Ideson Rd. No cascading water was present in the 7820 Martin Rd. well, thus a sample was obtained near the water table in this well instead.

Discussion of Analytical Results

The analytical results are summarized in the attached Table 1. The data indicate the following:

- Volatile organic compound (VOC) concentrations in nearly all of the offsite wells have decreased significantly since the 1985 sampling events, and in some cases no VOCs were detected. One exception is the well at 1116 Ideson Road (Maloy), where acetone was detected at 82 parts per billion (ppb) in the deeper sample.
- VOC concentrations in six of the twelve wells sampled are now below New York State drinking water standards.
- VOCs have also dropped significantly in the wells nearer the apparent source area (Enarc-O supply well, 7880 and 7873 Martin Road, 1167 Bragg Street), although selected compounds remain present at levels above NYS drinking water standards.
- Compound concentrations do not exhibit a discernable pattern with regard to vertical distribution. In most cases the shallow and deep samples exhibited similar concentrations. The samples from the Enarc-O well indicate the greatest compound concentrations near the apparent source area to be near the water table. Most compounds in the deeper samples were detected only at low, estimated concentrations.
- Acetone was detected in two offsite wells (1116 and 1121 Ideson Rd.) and one onsite monitoring well (MW 2). The well at 1121 Ideson Road had acetone at an estimated 9 ppb. The well at 1116 Ideson Road contained 82 ppb acetone in the deep sample. In addition, this well had an estimated 71 ppb of unknown compounds. These results are anomalous and do not fit the general pattern of chlorinated solvents seen in the study area to date. Acetone, a common laboratory contaminant, has not been detected in any prior groundwater sample obtained either onsite or offsite. The presence of acetone in the wells from this sampling round may be due to either laboratory or field contamination. Additional sampling, as planned for two of these three wells in the next quarter, will aid in confirming or denying the presence of acetone in groundwater.
- Petroleum-related VOCs (benzene and toluene) were detected at low concentrations (estimated at 2 ppb each) in the well at 1191 Bragg Street. These compounds may be associated with the Crane Auto Shop located adjacent to the well.
- Compound concentrations in the onsite monitoring wells were essentially unchanged, over the previous 2 quarters with the exception of MW-4, which has fallen to "non-detect" since November 1994 (quarterly sampling event no. 2).

These data indicate that contaminant levels in groundwater have diminished significantly as a result of natural attenuation during the last ten years. Significant contaminant concentrations are generally limited to those wells immediately to the east, west and north of the Enarc-O property. It appears that continued migration from the source area is not occurring; the presence of contaminants in the outlying

wells in the 1985 sampling may have been due to a "slug" of contamination rather than an ongoing "supply" from the apparent source area.

In summary, the data indicate the area of concern is limited to groundwater in relatively close proximity to the Enarc-O property.

Proposed Actions

Based on these results, H&A feels modification of the Remedial Investigation work scope is warranted. Specifically, we propose the following:

- Elimination of the following wells from the quarterly sampling, based on their concentrations being non-detect or below NYSDEC drinking water standards:
 - 1146 Ideson Road (Reano)
 - 1081 Ideson Road (Miller)
 - 1090 Ideson Road (Colavito)
 - 1121 Ideson Road (Cooper)
 - 1116 Ideson Road (Maloy)
 - 7820 Martin Road (Johnson)
 - 1191 Bragg Street (Tondryk)

The remaining six wells would be sampled only at the depth where the highest VOC concentrations were observed during the April sampling.

- Continuation of water level monitoring in all sampling wells for at least one more quarter.
- Elimination of the groundwater pump test. It does not appear significant continued offsite migration of VOCs is occurring, thus performance of a pump test for possible evaluation of a migration control system would not be applicable.

In addition, preliminary evaluation of groundwater flow in the vicinity of the site indicates both shallow and deep groundwater flow zones are present in the bedrock (see attached water level data). It is H&A's opinion that pumping from the deep Enarc-O supply well would not be effective in capturing the contaminants, which appear to be primarily shallow-based. In addition, such pumping may exacerbate the spread of VOCs from shallow to deep flow zones.

- From a practical standpoint, performance of a pump test to demonstrate hydraulic influence off-site may be impossible. There is an approximately $50 \pm$ ft. head difference between water levels in the Enarc-O well and some immediately adjacent residential and water levels in other off-site residential wells. Stream elevations at the Honeoye Creek gaging point have indicated higher heads at the stream than on-site monitoring wells. Accordingly, a pump test performed

in the deep supply well would have to overcome a $50 \pm$ ft. head to show reasonable shallow-zone influence, while working against Honeoye Creek as a recharge boundary. Under such conditions, the test would not have reasonable cost-benefit expectations.

Considering all the factors above, we strongly recommend the pump test be dropped.

- Initiation of a presumptive remedy for cleanup of the onsite apparent source area. H&A is currently evaluating available technologies to remove the contaminant mass at the source. This presumptive remedy would be initiated in lieu of a full Feasibility Study (FS). The FS would then focus on evaluating the performance of the presumptive remedy. It is anticipated that the remedy would, at a minimum, include some type of vapor extraction at the source. Vapor extraction has been shown on numerous sites to be an effective and efficient method of removal for VOC contamination in soil.

We propose to meet with you in approximately one month from your receipt of this letter to discuss the recommendations made in this letter and the future course of this investigation. Please contact us after you have reviewed the attached information to discuss a meeting time and place. If you need additional information, please do not hesitate to contact us.

Sincerely yours,

H&A OF NEW YORK



Robert J. Mahoney
Senior Environ. Geologist



Vincent B. Dick
Vice President

RJM/rjm:70372-42\cross2.wp

c: Ronald Iannucci, Sr., Kaddis Manufacturing
William Helferich III, Harter Secrest
David Napier, NYSDOH
Ralph Van Houten, LCDOH

Attachments

Table 1 - Summary of Analytical Results - Groundwater
Table 2 - Groundwater Level Summary
Figure 1 - Offsite Well Sampling Results - April 1995



PRELIMINARY

Revised May 1995

ADDRESS	SAMPLE LOCATION (see note 5)	DATE	DETECTED COMPOUNDS -- CONCENTRATION IN PARTS PER BILLION (PPB)																		TOTAL VOCs	
			TCE	1,1,1-TCA	cis-1,2-DCE	trans-1,2-DCE	1,2-DCA	1,1-DCE	1,1-DCA	MeCl2	PCE	CHLOROFORM	BDCM	1,1,2-TCA	1,1,2,2-tetraCA	CARB. TET.	ACET.	BENZ.	CHLORO-BENZ.	TOL.		VC
OFF SITE																						
MARTIN RD.																						
7820	WELL	07/24/85	31	--	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	35	
7820	WELL-L	04/12/95	4J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
7820	WELL-U	04/12/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
7852	WELL	07/01/85	80	1	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	85	
7852	WELL-L	04/12/95	7J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
7852	WELL-U	04/12/95	7J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
7873	WELL	07/01/85	72	1	19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	92	
7873	WELL-L	04/13/95	9J	--	3J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
7873	WELL-U	04/13/95	4J	--	5J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
7880	WELL	07/01/85	197	2	43	--	2	--	--	--	--	--	--	--	--	--	--	--	--	--	244	
7880	WELL-L	04/13/95	13	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	23	
7880	WELL-M	04/13/95	12	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	22	
7880	WELL-U	04/13/95	6J	--	16	--	--	--	--	--	2J	--	--	--	--	--	--	--	--	--	16	
BRAGG ST.																						
1167	WELL	07/01/85	98	1	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	116	
1167	WELL-L	04/13/95	13	--	3J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	13	
1167	WELL-U	04/13/95	6J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
1175	SUPP WELL	03/22/85	1800	370	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2170	
1175	SUPP WELL	06/19/85	--	560	--	--	--	--	--	68	--	--	--	100	--	--	--	--	--	--	728	
1175	SUPP WELL	07/01/85	8	22	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	34	
1175	SUPPLY-L	04/14/95	4J	--	7J	3J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
1175	SUPPLY-M	04/14/95	6J	--	6J	2J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
1175	SUPPLY-U	04/14/95	42	6J	2J	--	--	--	--	1J	--	--	--	--	--	--	--	--	--	--	42	
1191	WELL	07/01/85	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3	
1191	WELL-L	04/11/95	1J	--	--	--	--	--	--	--	--	--	--	--	--	--	2J	2J	2J	--	0	
1191	WELL-U	04/11/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
IDESON RD.																						
1081	WELL	07/24/85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
1081	WELL-L	04/10/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
1081	WELL-U	04/10/95	--	--	--	--	--	--	--	--	2J	--	--	--	--	--	--	--	--	--	0	
1090	WELL	08/07/85	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	
1090	WELL-L	04/10/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1J	--	--	--	0	
1090	WELL-U	04/10/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	

PRELIMINARY

ADDRESS	SAMPLE LOCATION (see note 5)	DATE	DETECTED COMPOUNDS - CONCENTRATION IN PARTS PER BILLION (PPB)																			TOTAL VOCs
			TCE	1,1,1- TCA	cis-1,2 -DCE	trans- 1,2-DCE	1,2- DCA	1,1- DCE	1,1- DCA	MeCl2	PCE	CHLORO- FORM	BDCM	1,1,2- TCA	1,1,2,2- tetraCA	CARB. TET.	ACET.	BENZ	CHLORO -BENZ.	TOL.	VC	
1116	WELL	08/07/85	8	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9	
1116	WELL-L	04/11/95	--	--	--	--	--	--	--	--	--	--	--	--	82	--	--	--	--	--	82	
1116	WELL-U	04/11/95	--	--	--	--	--	--	--	--	--	3J	--	--	--	--	--	--	--	--	0	
1121	WELL	07/24/85	24	1	8	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	34	
1121	WELL-L	04/11/95	2J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
1121	WELL-U	04/11/95	2J	--	--	--	--	--	--	--	--	--	--	--	9J	--	--	--	--	--	0	
1146	WELL	08/07/85	46	2	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	56	
1146	WELL-L	04/12/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
1146	WELL-U	04/12/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
ON SITE																						
Sampled By:	MW-1																					
OBG		01/07/91	3	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	4	
CDM-FPC		01/07/91	4	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	5	
OBG		02/25/91	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	
CDM-FPC		02/25/91	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	
H&A		07/14/94	2J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
H&A		11/02/94	3J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
H&A		04/14/95	2J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	
OBG	MW-2	01/08/91	3900	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3900	
OBG		02/26/91	3400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3400	
H&A		07/14/94	1400	--	23J	--	--	--	--	--	--	--	--	--	25J	--	--	--	--	--	1400	
H&A		11/02/94	500	6J	29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	529	
H&A		04/14/95	1600	19	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1631	
CDM-FPC	MW-3	01/07/91	7900	990	130	--	1	28	27	--	150	2	--	--	--	--	--	--	--	--	9228	
OBG		01/07/91	5800	470	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6270	
CDM-FPC		02/25/91	3800	370	70	--	--	9	11	--	75											

TABLE 1
ENARC-O MACHINE PRODUCTS, INC.
REMEDIAL INVESTIGATION
LIMA, NEW YORK

PRELIMINARY

SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER
Revised May 1995

ADDRESS	SAMPLE LOCATION (see note 5)	DATE	DETECTED COMPOUNDS - CONCENTRATION IN PARTS PER BILLION (PPB)																		TOTAL	
			1,1,1- TCE	cis-1,2 TCA	trans- -DCE	1,2-DCE	1,2- DCA	1,1- DCE	1,1- DCA	MeCl ₂	PCE	CHLORO- FORM	BDCM	1,1,2- TCA	1,1,2,2- tetraCA	CARB. TET.	ACET.	BENZ	CHLORO -BENZ	TOL	VC	VOCs
H&A		11/02/94	1100	55	72	--	--	5J	--	--	9J	--	--	--	--	--	--	--	--	--	--	1227
H&A		04/14/95	400	15	63	--	--	--	--	--	4J	--	--	--	--	--	--	--	--	--	--	478
OBG	MW-6	01/07/91	1	--	--	--	--	--	--	--	--	--	--	--	--	3	--	--	--	--	--	4
OBG		02/25/91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
H&A		07/14/94	3J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
H&A		11/02/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
H&A		04/14/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
H&A	MW-201D	07/14/94	7400	390J	1100	--	--	--	--	--	160J	--	--	--	--	--	--	--	--	--	--	8500
H&A		11/02/94	4000	100J	830	--	--	--	--	--	61J	--	--	--	--	--	--	--	--	--	--	4830
H&A		04/14/95	3800	200J	680	--	11	10	34	--	130	--	--	--	--	--	14	--	--	--	6J	4679
H&A	MW-202	07/14/94	15	--	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	26
H&A		11/02/94	25	--	45	3J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7J	70
H&A		04/14/95	140	5J	8J	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	140

NOTES:

1. "J-values" (estimated value below detection limit) are not included in Total VOCs.
2. "--" indicates analyte not detected or not analyzed for.
3. Compound abbreviations: TCE: Trichloroethene; TCA: Trichloroethane; DCE: Dichloroethene; DCA: Dichloroethane; MeCl₂: Methylene chloride; PCE: Perchloroethene; BDCM: Bromodichloromethane; tetraCA: Tetrachloroethane; BENZ: Benzene; CHLOROBENZ: Chlorobenzene; ACET: Acetone; TOL: Toluene.
4. OBG = O'Brien & Gere; CDM-FPC = CDM Federal Programs Corporation.
5. Well location designations: L=lower, M= middle, U=upper.

MGB-123V24 M:(WKS)70372(H)STGW3

TABLE 2
ENARC-O MACHINE PRODUCTS, INC.
REMEDIAL INVESTIGATION
LIMA, NEW YORK

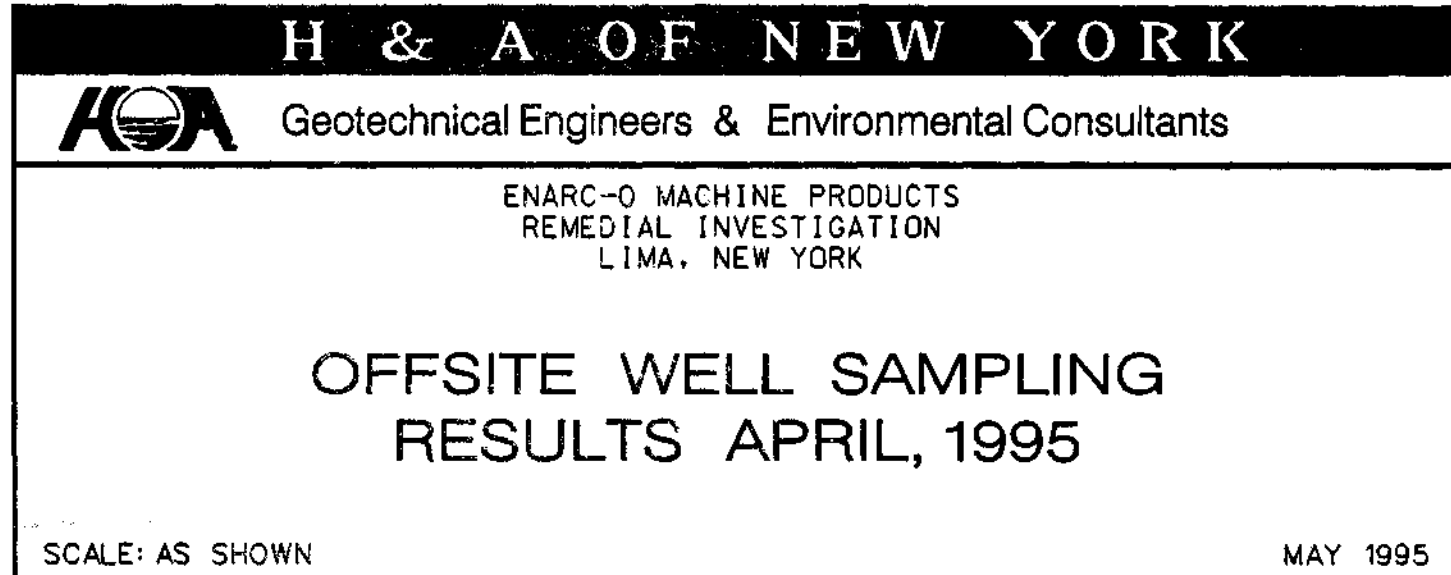
SUMMARY OF GROUNDWATER ELEVATIONS

OFF - SITE

ADDRESS	RESIDENT	GROUNDWATER ELEVATION
MARTIN RD.		
7820	JOHNSON	644.70
7852	HOPKINS	689.06
7873	YEARS, R.	646.77
7880	HANSON	645.28
BRAGG ST.		
1167	WILDMAN	644.82
1175	ENARC-O	644.20
1191	TONDRYK	692.04
IDESON RD.		
1081	MILLER	644.68
1090	COLAVITO	644.58
1116	MALOY	644.82
1121	COOPER	644.90
1146	REANO	644.76

ON - SITE

MONITORING WELL NO.		GROUNDWATER ELEVATION
MW-1		696.57
MW-2		696.81
MW-3		700.29
MW-4		696.83
MW-5		696.75
MW-6		694.40
MW-201D		695.25
MW-202		696.17
STREAM		703.03



APPENDIX B

Analytical Data - Groundwater Sampling



General Testing Corporation



A Full Service Environmental Laboratory

May 4, 1995

Mr. Denis Conley
H&A of New York
189 North Water Street
Rochester, New York 14604

Re: Project #70372-042 - Enarc-O
R95/01371, SDG# 1081L

Dear Mr. Conley:

Enclosed you will find a report for the above referenced site. Samples were collected on April 10-13, and received at GTC on April 11, 1995. Water samples were analyzed for volatile organics per your request.

A detailed case narrative is enclosed identifying any difficulties encountered during analysis. Please review and submit any questions to me. These will be promptly addressed by our QA officer.

Thank you for your continued business.

Sincerely,

GENERAL TESTING CORPORATION



Karen D. Wonder
Customer Service Representative

Enc.

Job #: R95/01371

SAMPLE DATA SUMMARY PACKAGE

SECTION A:	NYSDEC Data Package Summary Forms
SECTION B:	SDG Narrative
SECTION C:	Sample Data
SECTION D:	Surrogate Summary
SECTION E:	MS/MSD Data
SECTION F:	Blank Data

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Job #: R95/01371

SECTION A

NYSDEC Data Package Summary Forms

00001

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements* NYSDEC 1991 CLP PROTOCOL					
		*VOA GC/MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	*OTHER
1081U	R1371-1	X					
1081L	R1371-2	X					
1090U	R1371-3	X					
1090L	R1371-4	X					
BD1	R1371-5	X					
1191U	R1371-6	X					
1191L	R1371-7	X					
EB1	R1371-8	X					
1116U	R1371-9QC	X					
1116L	R1371-10	X					
1121U	R1371-11	X					
1121L	R1371-12	X					
TB1	R1371-13	X					
1146U	R1371-14	X					
1146L	R1371-15	X					
7820U	R1371-16	X					
7820L	R1371-17	X					
7852U	R1371-18	X					
7852L	R1371-19	X					
DUP2	R1371-20	X					

*Check Appropriate Boxes

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY

ORGANIC ANALYSES

SAMPLE ID	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
R1371-1	WATER	91-1			1
R1371-2	WATER	91-1			1
R1371-3	WATER	91-1			1
R1371-4	WATER	91-1			1
R1371-5	WATER	91-1			1
R1371-6	WATER	91-1			1
R1371-7	WATER	91-1			1
R1371-8	WATER	91-1			1
R1371-9QC	WATER	91-1			1
R1371-10	WATER	91-1			1
R1371-11	WATER	91-1			1
R1371-12	WATER	91-1			1
R1371-13	WATER	91-1			1
R1371-14	WATER	91-1			1
R1371-15	WATER	91-1			1
R1371-16	WATER	91-1			1
R1371-17	WATER	91-1			1
R1371-18	WATER	91-1			1
R1371-19	WATER	91-1			1
R1371-20	WATER	91-1			1

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOA
ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	LOW LEVEL MED LEVEL	DATE ANALYZED
R1371-1	WATER	04/10/95	04/11/95	LOW	04/17/95
R1371-2	WATER	04/10/95	04/11/95	LOW	04/17/95
R1371-3	WATER	04/10/95	04/11/95	LOW	04/17/95
R1371-4	WATER	04/10/95	04/11/95	LOW	04/17/95
R1371-5	WATER	04/11/95	04/11/95	LOW	04/17/95
R1371-6	WATER	04/11/95	04/11/95	LOW	04/17/95
R1371-7	WATER	04/11/95	04/11/95	LOW	04/18/95
R1371-8	WATER	04/11/95	04/11/95	LOW	04/17/95
R1371-9QC	WATER	04/11/95	04/11/95	LOW	04/18/95
R1371-10	WATER	04/11/95	04/11/95	LOW	04/18/95
R1371-11	WATER	04/11/95	04/11/95	LOW	04/18/95
R1371-12	WATER	04/11/95	04/11/95	LOW	04/18/95
R1371-13	WATER	04/11/95	04/11/95	LOW	04/17/95
R1371-14	WATER	04/12/95	04/13/95	LOW	04/18/95
R1371-15	WATER	04/12/95	04/13/95	LOW	04/18/95
R1371-16	WATER	04/12/95	04/13/95	LOW	04/18/95
R1371-17	WATER	04/12/95	04/13/95	LOW	04/18/95
R1371-18	WATER	04/12/95	04/13/95	LOW	04/18/95
R1371-19	WATER	04/12/95	04/13/95	LOW	04/18/95
R1371-20	WATER	04/12/95	04/13/95	LOW	04/18/95

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Job #: R95/01371

SECTION B

SDG NARRATIVE

00005

CASE NARRATIVE

COMPANY: H & A of New York
Project #70372-042
Enarc-O
JOB #: R95/01371

H & A water samples were collected between 4/10/95 and 4/13/95 and received at GTC on 4/11/95 and 4/13/95. All were in good condition.

VOLATILE ORGANIC ANALYSIS

H & A water samples were analyzed for Target Compound List (TCL) volatile organics by Method 91-1 from the NYSDEC 1991 ASP. The following samples are associated with SDG# 1081L:

<u>Client Sample ID</u>	<u>GTC Sample Job #</u>
1081U	R95/01371-001
1081L	R95/01371-002
1090U	R95/01371-003
1090L	R95/01371-004
BD1	R95/01371-005
1191U	R95/01371-006
1191L	R95/01371-007
EB1	R95/01371-008
1116U	R95/01371-009
1116UMS	R95/01371-009MS
1116UMSD	R95/01371-009MSD
1116L	R95/01371-010
1121U	R95/01371-011
1121L	R95/01371-012
TB1	R95/01371-013
1146U	R95/01371-014
1146L	R95/01371-015
7820U	R95/01371-016
7820L	R95/01371-017
7852U	R95/01371-018
7852L	R95/01371-019
DUP2	R95/01371-020
VBK1	METHOD BLANK 1
VBK2	METHOD BLANK 2
VBK3	METHOD BLANK 3
VBK2MS	BLANK SPIKE

All Tuning criteria for BFB were within limits.

All Initial Calibration criteria were compliant.

All Continuing Calibration Check (CCC) criteria were compliant.

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All internal standard areas were within QC limits .

All surrogate compounds were within QC limits for recovery.

The Matrix Spike/Matrix Spike Duplicate recoveries done on sample R95/01371-009, the Blank Spike recoveries, and the RPDs from the precision analysis were all acceptable.

All Laboratory Blanks were free from contamination.

The Equipment Blank and Trip Blank (R95/01371-008 and 013) were free of contamination.

No other analytical or QC problems were encountered during the analysis of this SDG.

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 hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Michael K. Perry
Michael K. Perry
Laboratory Director

5/4/95
Date

Job #: R95/01371

SECTION C

SAMPLE DATA

00008

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1081L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-02

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA145

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1081L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-02

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA145

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0

(uL)

Soil Aliquot Volume: 0

(uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1081U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-01

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA144

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0

(uL)

Soil Aliquot Volume: 0

(uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	2.	J
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1081U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-01

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA144

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1090L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-04

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA147

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	1.	J
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1090L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-04

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA147

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1090U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-03

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA146

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1090U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-03

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA146

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1116L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-10

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA163

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	82.	
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1116L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-10

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA163

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

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

Number TICs Found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	5.07	71.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1116U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-09

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA159

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	3.	J
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1116U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-09

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA159

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1121L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-12

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA165

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	2.	J
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1121L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-12

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA165

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1121U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-11

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA164

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	9.	J
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	2.	J
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1121U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-11

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA164

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1121U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-11

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA164

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	9.	J
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	2.	J
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1121U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-11

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA164

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0

(uL)

Soil Aliquot Volume: 0

(uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1146L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-15

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA172

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00025

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1146L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-15

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA172

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1146U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-14

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA171

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene chloride	10.	U
67-64-1	Acetone	10.	U
75-15-0	Carbon Disulfide	10.	U
75-35-4	1,1-Dichloroethene	10.	U
75-34-3	1,1-Dichloroethane	10.	U
156-60-5	trans-1,2-Dichloroethene	10.	U
67-66-3	Chloroform	10.	U
107-06-2	1,2-Dichloroethane	10.	U
78-93-3	2-Butanone	10.	U
156-59-2	cis-1,2-Dichloroethene	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U
56-23-5	Carbon tetrachloride	10.	U
75-27-4	Bromodichloromethane	10.	U
78-87-5	1,2-Dichloropropane	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U
79-01-6	Trichloroethene	10.	U
124-48-1	Dibromochloromethane	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U
71-43-2	Benzene	10.	U
50061-02-6	trans-1,3-Dichloropropene	10.	U
75-25-2	Bromoform	10.	U
108-10-1	4-Methyl-2-Pentanone	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U
108-88-3	Toluene	10.	U
108-90-7	Chlorobenzene	10.	U
100-41-4	Ethylbenzene	10.	U
100-42-5	Styrene	10.	U
108-38-3	(m+p)Xylene	10.	U
95-47-6	o-Xylene	10.	U

00027

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1146U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-14

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA171

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1191L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-07

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA162

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0

(uL)

Soil Aliquot Volume: 0

(uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	2.	J
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	2.	J
108-90-7-----	Chlorobenzene	2.	J
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

MW 5/2

00029

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1191L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-07

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA162

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1191U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-06

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA149

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1191U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-06

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA149

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs Found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7820L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-17

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA174

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	4.	J
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00033

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7820L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-17

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA174

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7820U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-16

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA173

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00035

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7820U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-16

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA173

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7852L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-19

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA176

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0

(uL)

Soil Aliquot Volume: 0

(uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	7.	J
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00037

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7852L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-19

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA176

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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00038

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7852U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-18

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA175

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0

(uL)

Soil Aliquot Volume: 0

(uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	7.	J
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00035

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7852U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-18

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA175

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BD1

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-05

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA148

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	2.	J
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00041

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BD1

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-05

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA148

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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00042

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP2

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-20

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA177

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0

(uL)

Soil Aliquot Volume: 0

(uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	4.	J
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00043

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUP2

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-20

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA177

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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00044

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EB1

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-08

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA142

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00045

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EB1

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-08

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA142

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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00046

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB1

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-13

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA143

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0

(uL)

Soil Aliquot Volume: 0

(uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00047

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB1

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: 1371-13

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA143

Level: (low/med) LOW

Date Received: 4/11/95

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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00048

Job #: R95/01371

SECTION D

SURROGATE SUMMARY

00049

2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
01	1081L	102	102	102		0
02	1081U	102	98	104		0
03	1090L	100	100	106		0
04	1090U	100	102	104		0
05	1116L	98	100	104		0
06	1116U	100	100	100		0
07	1116UMS	96	98	104		0
08	1116UMSD	100	100	102		0
09	1121L	94	100	104		0
10	1121U	104	106	104		0
11	1146L	104	102	104		0
12	1146U	102	100	100		0
13	1191L	100	102	104		0
14	1191U	102	102	106		0
15	7820L	100	100	106		0
16	7820U	104	102	102		0
17	7852L	100	104	108		0
18	7852U	104	104	106		0
19	BD1	98	98	108		0
20	DUP2	102	94	106		0
21	EB1	102	96	104		0
22	TB1	98	100	104		0
23	VLK1	98	100	98		0
24	VLK2	98	98	96		0
25	VLK2MS	98	100	96		0
26	VLK3	102	104	106		0
27						
28						
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QC LIMITS

SMC1 (TOL) = Toluene-d8 (88-110)
 SMC2 (BFB) = Bromofluorobenzene (86-115)
 SMC3 (DCE) = 1,2-Dichloroethane-d4 (76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

00050

Job #: R95/01371

SECTION E

MS/MSD

00051

3A
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145 Case No.:

SAS No.:

SDG No.: 1081L

Matrix Spike - EPA Sample No.: 1116U

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50.	0.	52.	104	61-145
Trichloroethene	50.	0.	43.	86	71-120
Benzene	50.	0.	48.	96	76-127
Toluene	50.	0.	47.	94	76-125
Chlorobenzene	50.	0.	48.	96	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
1,1-Dichloroethene	50.	50.	100	4	14 61-145
Trichloroethene	50.	40.	80	7	14 71-120
Benzene	50.	46.	92	4	11 76-127
Toluene	50.	46.	92	2	13 76-125
Chlorobenzene	50.	47.	94	2	13 75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS:

00052

3A
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: General Testing Corp

Contract: H+A

Code: 10145 Case No.:

SAS No.:

SDG No.: 1081L

Matrix Spike - EPA Sample No.: VBLK2

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50.	0.	53.	106	61-145
Trichloroethene	50.	0.	45.	90	71-120
Benzene	50.	0.	51.	102	76-127
Toluene	50.	0.	50.	100	76-125
Chlorobenzene	50.	0.	49.	98	75-130

Column to be used to flag recovery and RPD values with an asterisk

Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 10 outside limits

REMARKS:

mm 5/3/95

00053

Job #: R95/01371

SECTION F

BLANK DATA

00054

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK1

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Lab File ID: AA141

Lab Sample ID: VBLK1

Date Analyzed: 4/17/95

Time Analyzed: 1107

GC Column: RTX-502 ID: 0.53 (mm)

Heated Purge: (Y/N) N

Instrument ID: MS#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	1081L	1371-02	AA145	1540
02	1081U	1371-01	AA144	1508
03	1090L	1371-04	AA147	1701
04	1090U	1371-03	AA146	1615
05	1191U	1371-06	AA149	1852
06	BD1	1371-05	AA148	1813
07	EB1	1371-08	AA142	1405
08	TB1	1371-13	AA143	1437
09				
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COMMENTS:

00055

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.:

VBK1

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: VBK1

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA141

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00056

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBK1

Lab Name:General Testing Corp

Contract:H+A

Lab Code:10145

Case No.:

SAS No.:

SDG No.:1081L

Matrix: (soil/water) WATER

Lab Sample ID:VBK1

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA141

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column:RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume:0

(uL)

Soil Aliquot Volume:0

(uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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00057

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK2

Lab Name:General Testing Corp

Contract:H+A

Lab Code:10145

Case No.:

SAS No.:

SDG No.:1081L

Lab File ID:AA157

Lab Sample ID:VBLK2

Date Analyzed: 4/17/95

Time Analyzed:2239

GC Column:RTX-502

ID: 0.53 (mm)

Heated Purge: (Y/N) N

Instrument ID:MS#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	1116L	1371-10	AA163	0236
02	1116U	1371-09	AA159	0033
03	1116UMS	1371-09MS	AA160	0104
04	1116UMSD	1371-09MSD	AA161	0135
05	1121L	1371-12	AA165	0337
06	1121U	1371-11	AA164	0307
07	1191L	1371-07	AA162	0206
08	VBLK2MS	VBLK2MS	AA158	2327
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COMMENTS:

00058

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBK2

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: VBK2

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA157

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00059

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK2

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: VBLK2

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA157

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec.

Date Analyzed: 4/17/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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00060

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK3

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Lab File ID: AA170

Lab Sample ID: VBLK3

Date Analyzed: 4/18/95

Time Analyzed: 0959

GC Column: RTX-502

ID: 0.53 (mm)

Heated Purge: (Y/N) N

Instrument ID: MS#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	1146L	1371-15	AA172	1120
02	1146U	1371-14	AA171	1049
03	7820L	1371-17	AA174	1222
04	7820U	1371-16	AA173	1151
05	7852L	1371-19	AA176	1324
06	7852U	1371-18	AA175	1253
07	DUP2	1371-20	AA177	1355
08				
09				
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COMMENTS:

00061

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK3

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: VBLK3

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA170

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00062

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBK3

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Matrix: (soil/water) WATER

Lab Sample ID: VBK3

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA170

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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00063

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Lab File ID (Standard): AA140

Date Analyzed: 4/17/95

Instrument ID: MS#1

Time Analyzed: 1003

GC Column: RTX-502

ID: 0.53 (mm)

Heated Purge: (Y/N) N

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	58556	8.87	236295	11.62	167154	18.50
UPPER LIMIT	117112	9.37	472590	12.12	334308	19.00
LOWER LIMIT	29278	8.37	118148	11.12	83577	18.00
EPA SAMPLE NO.						
01 VBLK1	52354	8.88	203889	11.68	150065	18.57
02 EB1	46507	8.88	196544	11.61	134954	18.47
03 TB1	47626	8.90	191829	11.64	140327	18.48
04 1081U	48039	8.84	195966	11.57	138748	18.39
05 1081L	48897	8.99	204178	11.70	144944	18.46
06 1090U	47113	8.84	192193	11.57	133236	18.50
07 1090L	51350	8.90	220349	11.64	152127	18.48
08 BD1	47141	8.90	203748	11.64	149609	18.42
09 1191U	51988	8.94	210088	11.67	150042	18.43
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside of QC limits with an asterisk.
* Values outside of QC limits.

00064

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Lab File ID (Standard): AA156

Date Analyzed: 4/17/95

Instrument ID: MS#1

Time Analyzed: 2151

GC Column: RTX-502

ID: 0.53 (mm)

Heated Purge: (Y/N) N

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	47266	8.88	191113	11.66	137957	18.52
UPPER LIMIT	94532	9.38	382226	12.16	275914	19.02
LOWER LIMIT	23633	8.38	95557	11.16	68979	18.02
EPA SAMPLE NO.						
01 VBLK2	50283	8.87	198556	11.64	144301	18.48
02 VBLK2MS	47750	8.89	194471	11.63	140676	18.39
03 1116U	45459	8.91	180368	11.70	125946	18.58
04 1116UMS	42174	8.93	179857	11.66	126504	18.51
05 1116UMSD	43945	8.85	183310	11.59	129420	18.50
06 1191L	43019	8.84	176182	11.60	125442	18.48
07 1116L	44284	8.88	184725	11.60	131020	18.45
08 1121U	44565	8.84	182208	11.58	123498	18.47
09 1121L	44541	8.84	180903	11.59	133130	18.46
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside of QC limits with an asterisk.
* Values outside of QC limits.

00065

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1081L

Lab File ID (Standard): AA169

Date Analyzed: 4/18/95

Instrument ID: MS#1

Time Analyzed: 0910

GC Column: RTX-502

ID: 0.53 (mm)

Heated Purge: (Y/N) N

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	47343	8.84	184254	11.67	137182	18.48
UPPER LIMIT	94686	9.34	368508	12.17	274364	18.98
LOWER LIMIT	23672	8.34	92127	11.17	68591	17.98
EPA SAMPLE NO.						
01 VBLK3	40572	8.94	171601	11.67	120158	18.46
02 1146U	42238	8.84	173065	11.55	110260	18.55
03 1146L	40937	8.88	172722	11.63	116998	18.49
04 7820U	45138	8.82	181539	11.54	120117	18.48
05 7820L	43932	8.87	180237	11.61	129973	18.47
06 7852U	43316	8.83	177101	11.58	122094	18.46
07 7852L	37293	9.02	151413	11.73	109771	18.47
08 DUP2	39875	8.89	160423	11.60	112910	18.35
09						
10						
11						
12						
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21						
22						

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside of QC limits with an asterisk.
* Values outside of QC limits.

00066

General
Testing
Corporation

A Full Service Environmental Laboratory

May 4, 1995

Mr. Denis Conley
H&A of New York
189 North Water Street
Rochester, New York 14604

Re: Project #70372-042 - Enarc-O
R95/01414, SDG# 1167L

Dear Mr. Conley:

Enclosed you will find a report for the above referenced site. Samples were collected on April 10-13, and received at GTC on April 11, 1995. Water samples were analyzed for volatile organics per your request.

A detailed case narrative is enclosed identifying any difficulties encountered during analysis. Please review and submit any questions to me. These will be promptly addressed by our QA officer.

Thank you for your continued business.

Sincerely,

GENERAL TESTING CORPORATION



Karen D. Wonder
Customer Service Representative

Enc.

Job #: R95/01414

SAMPLE DATA SUMMARY PACKAGE

SECTION A: NYSDEC Data Package Summary Forms
SECTION B: SDG Narrative
SECTION C: Sample Data
SECTION D: Surrogate Summary
SECTION E: MS/MSD Data
SECTION F: Blank Data

00000

Job #: R95/01414

SECTION A

NYSDEC Data Package Summary Forms

00001

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements* NYSDEC 1991 CLP PROTOCOL					
		*VOA GC/MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	*OTHER
TB2	R/1414-1	X					
EB2	R/1414-2	X					
7873U	R/1414-3	X					
7873L	R/1414-4	X					
1167U	R/1414-5	X					
1167L	R/1414-6	X					
7880U	R/1414-7	X					
7880M	R/1414-8	X					
7880L	R/1414-9	X					
1SU	R/1414-10	X					
1SM	R/1414-11	X					
1SL	R/1414-12	X					
NW1	R/1414-13	X					
NW2	R/1414-14	X					
NW3	R/1414-15	X					
NW4	R/1414-16QC	X					
NW5	R/1414-17	X					
NW6	R/1414-18	X					
201D	R/1414-19	X					
202	R/1414-20	X					
DUP4	R/1414-21	X					

*Check Appropriate Boxes
*CLP, Non-CLP
*HSL, Priority Pollutant
NCF1

00002/89

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

[illegible]

*Check Appropriate Boxes
*CLP, Non-CLP
*HSL, Priority Pollutant
NCP1

9/89

00003

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY

ORGANIC ANALYSES

SAMPLE ID	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
R/1414-1	WATER	91-1			1
R/1414-2	WATER	91-1			1
R/1414-3	WATER	91-1			1
R/1414-4	WATER	91-1			1
R/1414-5	WATER	91-1			1
R/1414-6	WATER	91-1			1
R/1414-7	WATER	91-1			1
R/1414-8	WATER	91-1			1
R/1414-9	WATER	91-1			1
R/1414-10	WATER	91-1			1
R/1414-11	WATER	91-1			1
R/1414-12	WATER	91-1			1
R/1414-13	WATER	91-1			1
R/1414-14	WATER	91-1			1, 10
R/1414-15	WATER	91-1			1, 25
R/1414-16QC	WATER	91-1			1
R/1414-17	WATER	91-1			1, 2.5
R/1414-18	WATER	91-1			1
R/1414-19	WATER	91-1			1, 25
R/1414-20	WATER	91-1			1
R/1414-21	WATER	91-1			1
R/1414-22	WATER	91-1			1
R/1414-23	WATER	91-1			1
R/1414-24	WATER	91-1			1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOA
ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	LOW LEVEL MED LEVEL	DATE ANALYZED
R/1414-1	WATER	04/13/95	04/13/95	LOW	04/18/95
R/1414-2	WATER	04/13/95	04/13/95	LOW	04/18/95
R/1414-3	WATER	04/13/95	04/13/95	LOW	04/18/95
R/1414-4	WATER	04/13/95	04/13/95	LOW	04/18/95
R/1414-5	WATER	04/13/95	04/13/95	LOW	04/18/95
R/1414-6	WATER	04/13/95	04/13/95	LOW	04/18/95
R/1414-7	WATER	04/13/95	04/13/95	LOW	04/19/95
R/1414-8	WATER	04/13/95	04/13/95	LOW	04/19/95
R/1414-9	WATER	04/13/95	04/13/95	LOW	04/19/95
R/1414-10	WATER	04/14/95	04/15/95	LOW	04/19/95
R/1414-11	WATER	04/14/95	04/15/95	LOW	04/19/95
R/1414-12	WATER	04/14/95	04/15/95	LOW	04/19/95
R/1414-13	WATER	04/14/95	04/15/95	LOW	04/19/95
R/1414-14	WATER	04/14/95	04/15/95	LOW	04/19,20/95
R/1414-15	WATER	04/14/95	04/15/95	LOW	04/19,20/95
R/1414-16QC	WATER	04/14/95	04/15/95	LOW	04/18/95
R/1414-17	WATER	04/14/95	04/15/95	LOW	04/19,20/95
R/1414-18	WATER	04/14/95	04/15/95	LOW	04/19/95
R/1414-19	WATER	04/14/95	04/15/95	LOW	04/19,20/95
R/1414-20	WATER	04/14/95	04/15/95	LOW	04/20/95
R/1414-21	WATER	04/14/95	04/15/95	LOW	04/18/95
R/1414-22	WATER	04/14/95	04/15/95	LOW	04/18/95
R/1414-23	WATER	04/14/95	04/15/95	LOW	04/18/95
R/1414-24	WATER	04/14/95	04/15/95	LOW	04/18/95

Job #: R95/01414

SECTION B

SDG NARRATIVE

00006

CASE NARRATIVE

COMPANY: H & A of New York

Project #70372-042

Enarc-O

JOB #: R95/01414

H & A water samples were collected between 4/12/95 and 4/14/95 and received at GTC on 4/13/95 and 4/15/95. All were in good condition.

VOLATILE ORGANIC ANALYSIS

H & A water samples were analyzed for Target Compound List (TCL) volatile organics by Method 91-1 from the NYSDEC 1991 ASP. The following samples are associated with SDG# 1167:

<u>Client Sample ID</u>	<u>GTC Sample #</u>
TB2	R95/01414-001
EB2	R95/01414-002
7873U	R95/01414-003
7873L	R95/01414-004
1167U	R95/01414-005
1167L	R95/01414-006
7880U	R95/01414-007
7880M	R95/01414-008
7880L	R95/01414-009
1SU	R95/01414-010
1SM	R95/01414-011
ISL	R95/01414-012
MW1	R95/01414-013
MW2	R95/01414-014
MW2DL	R95/01414-014DL
MW3	R95/01414-015
MW3DL	R95/01414-015DL
MW4	R95/01414-016
MW4MS	R95/01414-016MS
MW4MSD	R95/01414-016MSD
MW5	R95/01414-017
MW5DL	R95/01414-017DL
MW6	R95/01414-018
201D	R95/01414-019
201DDL	R95/01414-019DL
202	R95/01414-020
DUP4	R95/01414-021
EB3	R95/01414-022
TB3	R95/01414-023
DUP3	R95/01414-024
VBLK1	METHOD BLANK 1
VBLK2	METHOD BLANK 2
VBLK3	METHOD BLANK 3
VBLK2MS	BLANK SPIKE

00007

All Tuning criteria for BFB were within limits.

All Initial Calibration criteria were compliant.

All Continuing Calibration Check (CCC) criteria were compliant.

All internal standard areas were within QC limits .

All surrogate compounds were within QC limits for recovery.

The Matrix Spike/Matrix Spike Duplicate recoveries done on sample R95/01414-016, the Blank Spike recoveries, and the RPDs from the precision analysis were all acceptable.

All Laboratory Blanks were free from contamination.

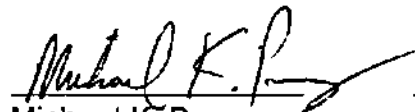
The Equipment Blanks (R95/01414-002 and 022) and Trip Blanks (R95/01414-001 and 023) were free of contamination.

Samples R95/01414-014, 015, 017, and 019 were reanalyzed at dilutions to bring target analytes within the calibration range of the method. Analytes over the calibration range on the initial analysis have been flagged with an "E".

Analytes detected between the TRL and the IDL have been reported flagged with a "J" as being estimated.

No other analytical or QC problems were encountered during the analysis of this SDG.

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 hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.


Michael K. Perry
Laboratory Director

5/5/95
Date

Job #: R95/01414

SECTION C

SAMPLE DATA

00009

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1167L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-06

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA187

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

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

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	3.	J
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	13.	
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00010

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1167L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-06

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA187

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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00011

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1167U

Lab Name:General Testing Corp

Contract:H+A

Lab Code:10145

Case No.:

SAS No.:

SDG No.:1167

Matrix: (soil/water) WATER

Lab Sample ID:1414-05

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA186

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column:RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume:0 (uL)

Soil Aliquot Volume:0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	6.	J
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00012

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1167U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-05

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA186

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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00013

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1SL

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-12

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA201

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0

(uL)

Soil Aliquot Volume: 0

(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	3.	J
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	J
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	4.	J
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00014

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1SL

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-12

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA201

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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00015

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1SM

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-11

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA200

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0

(uL)

Soil Aliquot Volume: 0

(uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	2.	J
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	J
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	6.	J
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00016

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1SM

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-11

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA200

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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00017

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1SU

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-10

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA199

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	2.	J
71-55-6-----	1,1,1-Trichloroethane	6.	J
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	42.	
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	1.	J
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1SU

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-10

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA199

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

201D

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-19

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA207

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	6.	J
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	14.	
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	
75-34-3-----	1,1-Dichloroethane	34.	
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	11.	
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	750.	E
71-55-6-----	1,1,1-Trichloroethane	230.	E
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	2600.	E
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	12.	
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	130.	
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

201D

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-19

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA207

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

201DDL

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-19DL

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA248

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/20/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 25.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

74-87-3-----	Chloromethane	250.	U
74-83-9-----	Bromomethane	250.	U
75-01-4-----	Vinyl chloride	250.	U
75-00-3-----	Chloroethane	250.	U
75-09-2-----	Methylene chloride	250.	U
67-64-1-----	Acetone	250.	U
75-15-0-----	Carbon Disulfide	250.	U
75-35-4-----	1,1-Dichloroethene	250.	U
75-34-3-----	1,1-Dichloroethane	250.	U
156-60-5-----	trans-1,2-Dichloroethene	250.	U
67-66-3-----	Chloroform	250.	U
107-06-2-----	1,2-Dichloroethane	250.	U
78-93-3-----	2-Butanone	250.	U
156-59-2-----	cis-1,2-Dichloroethene	680.	D
71-55-6-----	1,1,1-Trichloroethane	200.	DJ
56-23-5-----	Carbon tetrachloride	250.	U
75-27-4-----	Bromodichloromethane	250.	U
78-87-5-----	1,2-Dichloropropane	250.	U
10061-01-5-----	cis-1,3-Dichloropropene	250.	U
79-01-6-----	Trichloroethene	3800.	D
124-48-1-----	Dibromochloromethane	250.	U
79-00-5-----	1,1,2-Trichloroethane	250.	U
71-43-2-----	Benzene	250.	U
50061-02-6-----	trans-1,3-Dichloropropene	250.	U
75-25-2-----	Bromoform	250.	U
108-10-1-----	4-Methyl-2-Pentanone	250.	U
591-78-6-----	2-Hexanone	250.	U
127-18-4-----	Tetrachloroethene	120.	DJ
79-34-5-----	1,1,2,2-Tetrachloroethane	250.	U
108-88-3-----	Toluene	250.	U
108-90-7-----	Chlorobenzene	250.	U
100-41-4-----	Ethylbenzene	250.	U
100-42-5-----	Styrene	250.	U
108-38-3-----	(m+p)Xylene	250.	U
95-47-6-----	o-Xylene	250.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

201DDL

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-19DL

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA248

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/20/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 25.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

202

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-20

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA250

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/20/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	8.	J
71-55-6-----	1,1,1-Trichloroethane	5.	J
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	140.	
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00024

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

202

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-20

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA250

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/20/95

GC Column: RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0

(uL)

Soil Aliquot Volume: 0

(uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7873L

Lab Name: General Testing Corp.

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-04

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA185

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	3.	J
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	9.	J
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00026

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7873L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-04

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA185

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7873U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-03

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA184

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	J
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	4.	J
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00028

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7873U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-03

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA184

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7880L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-09

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA198

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	13.	
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7880L

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-09

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA198

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7880M

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-08

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA197

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0

(uL)

Soil Aliquot Volume: 0

(uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	12.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00032

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7880M

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-08

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA197

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

7880U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-07

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA196

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	2.	J
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	16.	
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	6.	J
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00034

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

7880U

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-07

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA196

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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00035

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP3

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-24

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA181

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	J
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	5.	J
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00036

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUP3

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-24

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA181

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP4

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-21

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA178

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	3.	J
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	J
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	7.	J
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00038

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUP4

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-21

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA178

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
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00039

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EB2

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-02

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA183

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	9.	J
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00040

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EB2

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-02

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA183

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EB3

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-22

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA179

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EB3

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-22

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA179

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0

(uL)

Soil Aliquot Volume: 0

(uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW1

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-13

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA202

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0

(uL)

Soil Aliquot Volume: 0

(uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	2.	J
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW1

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-13

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA202

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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00045

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: General Testing Corp

Contract: H+A

MW2

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-14

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA203

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0

(uL)

Soil Aliquot Volume: 0

(uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	12.	
71-55-6-----	1,1,1-Trichloroethane	19.	
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	1900.	E
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00046

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW2

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-14

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA203

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW2DL

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-14DL

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA251

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/20/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 10.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	100.	U
74-83-9-----	Bromomethane	100.	U
75-01-4-----	Vinyl chloride	100.	U
75-00-3-----	Chloroethane	100.	U
75-09-2-----	Methylene chloride	100.	U
67-64-1-----	Acetone	100.	U
75-15-0-----	Carbon Disulfide	100.	U
75-35-4-----	1,1-Dichloroethene	100.	U
75-34-3-----	1,1-Dichloroethane	100.	U
156-60-5-----	trans-1,2-Dichloroethene	100.	U
67-66-3-----	Chloroform	100.	U
107-06-2-----	1,2-Dichloroethane	100.	U
78-93-3-----	2-Butanone	100.	U
156-59-2-----	cis-1,2-Dichloroethene	100.	U
71-55-6-----	1,1,1-Trichloroethane	100.	U
56-23-5-----	Carbon tetrachloride	100.	U
75-27-4-----	Bromodichloromethane	100.	U
78-87-5-----	1,2-Dichloropropane	100.	U
10061-01-5-----	cis-1,3-Dichloropropene	100.	U
79-01-6-----	Trichloroethene	1600.	D
124-48-1-----	Dibromochloromethane	100.	U
79-00-5-----	1,1,2-Trichloroethane	100.	U
71-43-2-----	Benzene	100.	U
50061-02-6-----	trans-1,3-Dichloropropene	100.	U
75-25-2-----	Bromoform	100.	U
108-10-1-----	4-Methyl-2-Pentanone	100.	U
591-78-6-----	2-Hexanone	100.	U
127-18-4-----	Tetrachloroethene	100.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	100.	U
108-88-3-----	Toluene	100.	U
108-90-7-----	Chlorobenzene	100.	U
100-41-4-----	Ethylbenzene	100.	U
100-42-5-----	Styrene	100.	U
108-38-3-----	(m+p)Xylene	100.	U
95-47-6-----	o-Xylene	100.	U

00048

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW2DL

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-14DL

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA251

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/20/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 10.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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00049

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW3

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-15

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA204

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	12.	
75-34-3-----	1,1-Dichloroethane	11.	
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	8.	J
107-06-2-----	1,2-Dichloroethane	2.	J
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	98.	
71-55-6-----	1,1,1-Trichloroethane	190.	
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	2100.	E
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	22.	
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW3

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-15

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA204

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW3DL

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-15DL

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA249

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/20/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 25.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	250.	U
74-83-9-----	Bromomethane	250.	U
75-01-4-----	Vinyl chloride	250.	U
75-00-3-----	Chloroethane	250.	U
75-09-2-----	Methylene chloride	250.	U
67-64-1-----	Acetone	250.	U
75-15-0-----	Carbon Disulfide	250.	U
75-35-4-----	1,1-Dichloroethene	250.	U
75-34-3-----	1,1-Dichloroethane	250.	U
156-60-5-----	trans-1,2-Dichloroethene	250.	U
67-66-3-----	Chloroform	250.	U
107-06-2-----	1,2-Dichloroethane	250.	U
78-93-3-----	2-Butanone	250.	U
156-59-2-----	cis-1,2-Dichloroethene	99.	DJ
71-55-6-----	1,1,1-Trichloroethane	180.	DJ
56-23-5-----	Carbon tetrachloride	250.	U
75-27-4-----	Bromodichloromethane	250.	U
78-87-5-----	1,2-Dichloropropane	250.	U
10061-01-5-----	cis-1,3-Dichloropropene	250.	U
79-01-6-----	Trichloroethene	2500.	D
124-48-1-----	Dibromochloromethane	250.	U
79-00-5-----	1,1,2-Trichloroethane	250.	U
71-43-2-----	Benzene	250.	U
50061-02-6-----	trans-1,3-Dichloropropene	250.	U
75-25-2-----	Bromoform	250.	U
108-10-1-----	4-Methyl-2-Pentanone	250.	U
591-78-6-----	2-Hexanone	250.	U
127-18-4-----	Tetrachloroethene	250.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	250.	U
108-88-3-----	Toluene	250.	U
108-90-7-----	Chlorobenzene	250.	U
100-41-4-----	Ethylbenzene	250.	U
100-42-5-----	Styrene	250.	U
108-38-3-----	(m+p)Xylene	250.	U
95-47-6-----	o-Xylene	250.	U

00052

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW3DL

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-15DL

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA249

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/20/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 25.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW4

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-16

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA193

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	4.	J
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	7.	J
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW4

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-16

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA193

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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00055

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW5

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-17

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA205

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0

(uL)

Soil Aliquot Volume: 0

(uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	63.	
71-55-6-----	1,1,1-Trichloroethane	15.	
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	430.	E
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	4.	J
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW5

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-17

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA205

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW5DL

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-17DL

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA247

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/20/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 2.5

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	25.	U
74-83-9-----	Bromomethane	25.	U
75-01-4-----	Vinyl chloride	25.	U
75-00-3-----	Chloroethane	25.	U
75-09-2-----	Methylene chloride	25.	U
67-64-1-----	Acetone	25.	U
75-15-0-----	Carbon Disulfide	25.	U
75-35-4-----	1,1-Dichloroethene	25.	U
75-34-3-----	1,1-Dichloroethane	25.	U
156-60-5-----	trans-1,2-Dichloroethene	25.	U
67-66-3-----	Chloroform	25.	U
107-06-2-----	1,2-Dichloroethane	25.	U
78-93-3-----	2-Butanone	25.	U
156-59-2-----	cis-1,2-Dichloroethene	70.	D
71-55-6-----	1,1,1-Trichloroethane	15.	DJ
56-23-5-----	Carbon tetrachloride	25.	U
75-27-4-----	Bromodichloromethane	25.	U
78-87-5-----	1,2-Dichloropropane	25.	U
10061-01-5-----	cis-1,3-Dichloropropene	25.	U
79-01-6-----	Trichloroethene	400.	D
124-48-1-----	Dibromochloromethane	25.	U
79-00-5-----	1,1,2-Trichloroethane	25.	U
71-43-2-----	Benzene	25.	U
50061-02-6-----	trans-1,3-Dichloropropene	25.	U
75-25-2-----	Bromoform	25.	U
108-10-1-----	4-Methyl-2-Pentanone	25.	U
591-78-6-----	2-Hexanone	25.	U
127-18-4-----	Tetrachloroethene	25.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	25.	U
108-88-3-----	Toluene	25.	U
108-90-7-----	Chlorobenzene	25.	U
100-41-4-----	Ethylbenzene	25.	U
100-42-5-----	Styrene	25.	U
108-38-3-----	(m+p)Xylene	25.	U
95-47-6-----	o-Xylene	25.	U

00058

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW5DL

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-17DL

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA247

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/20/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 2.5

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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00059

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW6

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-18

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA206

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00060

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW6

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-18

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA206

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/19/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB2

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-01

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA182

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

00062

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB2

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-01

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA182

Level: (low/med) LOW

Date Received: 4/13/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB3

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: 1414-23

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA180

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB3

Lab Name:General Testing Corp

Contract:H+A

Lab Code:10145

Case No.:

SAS No.:

SDG No.:1167

Matrix: (soil/water) WATER

Lab Sample ID:1414-23

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA180

Level: (low/med) LOW

Date Received: 4/15/95

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column:RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume:0 (uL)

Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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Job #: R95/01414

SECTION D

SURROGATE SUMMARY

00066

2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

	EPA SAMPLE NO.	SMC1 (TOL)#	SMC2 (BFB)#	SMC3 (DCE)#	OTHER	TOT OUT
01	1167L	104	102	110		0
02	1167U	102	98	112		0
03	1SL	90	102	106		0
04	1SM	92	104	102		0
05	1SU	90	100	102		0
06	201D	90	98	106		0
07	201DDL	92	102	106		0
08	202	92	102	112		0
09	7873L	104	104	114		0
10	7873U	100	106	108		0
11	7880L	92	98	108		0
12	7880M	96	108	104		0
13	7880U	90	100	102		0
14	DUP3	92	106	108		0
15	DUP4	102	100	106		0
16	EB2	102	100	112		0
17	EB3	100	102	104		0
18	MW1	96	98	108		0
19	MW2	96	100	104		0
20	MW2DL	94	100	108		0
21	MW3	94	100	108		0
22	MW3DL	96	106	104		0
23	MW4	92	98	102		0
24	MW4MS	92	98	102		0
25	MW4MSD	94	96	98		0
26	MW5	94	98	108		0
27	MW5DL	92	102	102		0
28	MW6	96	104	108		0
29	TB2	108	104	112		0
30	TB3	106	102	106		0

QC LIMITS

SMC1 (TOL) = Toluene-d8 (88-110)
 SMC2 (BFB) = Bromofluorobenzene (86-115)
 SMC3 (DCE) = 1,2-Dichloroethane-d4 (76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145 Case No.:

SAS No.:

SDG No.: 1167

	EPA SAMPLE NO.	SMC1 (TOL)#	SMC2 (BFB)#	SMC3 (DCE)#	OTHER	TOT OUT
01	VBK1	102	104	106		0
02	VBK2	96	98	100		0
03	VBK2MS	90	90	96		0
04	VBK3	94	100	100		0
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SMC1 (TOL) = Toluene-d8 (88-110)
 SMC2 (BFB) = Bromofluorobenzene (86-115)
 SMC3 (DCE) = 1,2-Dichloroethane-d4 (76-114)

QC LIMITS

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

Job #: R95/01414

SECTION E

MS/MSD

3A
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145 Case No.:

SAS No.:

SDG No.: 1167

Matrix Spike - EPA Sample No.:

MW4

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50.	0.	55.	110	61-145
Trichloroethene	50.	7.	53.	92	71-120
Benzene	50.	0.	51.	102	76-127
Toluene	50.	0.	49.	98	76-125
Chlorobenzene	50.	0.	50.	100	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
1,1-Dichloroethene	50.	59.	118	7	14 61-145
Trichloroethene	50.	57.	100	8	14 71-120
Benzene	50.	55.	110	8	11 76-127
Toluene	50.	52.	104	6	13 76-125
Chlorobenzene	50.	54.	108	8	13 75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS:

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145 Case No.:

SAS No.:

SDG No.: 1167

Matrix Spike - EPA Sample No.: VBLK2

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50.	0.	61.	122	61-145
Trichloroethene	50.	0.	49.	98	71-120
Benzene	50.	0.	56.	112	76-127
Toluene	50.	0.	51.	102	76-125
Chlorobenzene	50.	0.	53.	106	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
1,1-Dichloroethene	50.	0.	0*	200*	14 61-145
Trichloroethene	50.	0.	0*	200*	14 71-120
Benzene	50.	0.	0*	200*	11 76-127
Toluene	50.	0.	0*	200*	13 76-125
Chlorobenzene	50.	0.	0*	200*	13 75-130

mm 5/4/95

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS:

mm 5/4/95

Job #: R95/01414

SECTION F

BLANK DATA

00072

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK1

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Lab File ID: AA170

Lab Sample ID: VBLK1

Date Analyzed: 4/18/95

Time Analyzed: 0959

GC Column: RTX-502

ID: 0.53 (mm)

Heated Purge: (Y/N) N

Instrument ID: MS#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	1167L	1414-06	AA187	1921
02	1167U	1414-05	AA186	1850
03	7873L	1414-04	AA185	1820
04	7873U	1414-03	AA184	1748
05	DUP3	1414-24	AA181	1615
06	DUP4	1414-21	AA178	1441
07	EB2	1414-02	AA183	1717
08	EB3	1414-22	AA179	1512
09	TB2	1414-01	AA182	1646
10	TB3	1414-23	AA180	1544
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COMMENTS:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBK1

Lab Name: General Testing Corp.

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: VBK1

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA170

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBK1

Lab Name:General Testing Corp

Contract:H+A

Lab Code:10145

Case No.:

SAS No.:

SDG No.:1167

Matrix: (soil/water) WATER

Lab Sample ID:VBK1

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA170

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column:RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume:0 (uL)

Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK2

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Lab File ID: AA191

Lab Sample ID: VBLK2

Date Analyzed: 4/18/95

Time Analyzed: 2113

GC Column: RTX-502

ID: 0.53 (mm)

Heated Purge: (Y/N) N

Instrument ID: MS#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	1SL	1414-12	AA201	0256
02	1SM	1414-11	AA200	0226
03	1SU	1414-10	AA199	0155
04	201D	1414-19	AA207	0602
05	7880L	1414-09	AA198	0124
06	7880M	1414-08	AA197	0053
07	7880U	1414-07	AA196	0022
08	MW1	1414-13	AA202	0327
09	MW2	1414-14	AA203	0358
10	MW3	1414-15	AA204	0429
11	MW4	1414-16	AA193	2224
12	MW4MS	1414-16MS	AA194	2300
13	MW4MSD	1414-16MSD	AA195	2351
14	MW5	1414-17	AA205	0500
15	MW6	1414-18	AA206	0531
16	VBLK2MS	VBLK2MS	AA192	2152
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COMMENTS:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VLBK2

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: VBLK2

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA191

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK2

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: VBLK2

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA191

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec.

Date Analyzed: 4/18/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK3

Lab Name: General Testing Corp Contract: H+A

Lab Code: 10145 Case No.: SAS No.: SDG No.: 1167

Lab File ID: AA244 Lab Sample ID: VBLK3

Date Analyzed: 4/20/95 Time Analyzed: 1619

GC Column: RTX-502 ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: MS#1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	201DDL	1414-19DL	AA248	1909
02	202	1414-20	AA250	2035
03	MW2DL	1414-14DL	AA251	2110
04	MW3DL	1414-15DL	AA249	1955
05	MW5DL	1414-17DL	AA247	1829
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COMMENTS:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK3

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: VBLK3

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA244

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec.

Date Analyzed: 4/20/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
156-60-5-----	trans-1,2-Dichloroethene	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
50061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
108-38-3-----	(m+p)Xylene	10.	U
95-47-6-----	o-Xylene	10.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK3

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Matrix: (soil/water) WATER

Lab Sample ID: VBLK3

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: AA244

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec.

Date Analyzed: 4/20/95

GC Column: RTX-502 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Lab File ID (Standard): AA169

Date Analyzed: 4/18/95

Instrument ID: MS#1

Time Analyzed: 0910

GC Column: RTX-502

ID: 0.53 (mm)

Heated Purge: (Y/N) N

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	47343	8.84	184254	11.67	137182	18.48
UPPER LIMIT	94686	9.34	368508	12.17	274364	18.98
LOWER LIMIT	23672	8.34	92127	11.17	68591	17.98
EPA SAMPLE NO.						
01 VBLK1	40572	8.94	171601	11.67	120158	18.46
02 DUP4	40760	8.88	169154	11.64	117322	18.47
03 EB3	40857	8.88	156320	11.71	120034	18.58
04 TB3	41834	8.85	171222	11.58	114364	18.42
05 DUP3	39343	8.87	156715	11.61	113230	18.46
06 TB2	40035	8.83	166014	11.59	107904	18.54
07 EB2	37927	8.86	149014	11.62	112158	18.38
08 7873U	39067	8.90	155175	11.71	112505	18.60
09 7873L	39389	8.83	170556	11.56	114103	18.46
10 1167U	38082	9.03	154986	11.74	115922	18.51
11 1167L	41322	8.84	168171	11.56	117812	18.35
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside of QC limits with an asterisk.
* Values outside of QC limits.

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Lab File ID (Standard): AA190

Date Analyzed: 4/18/95

Instrument ID: MS#1

Time Analyzed: 2038

GC Column: RTX-502

ID: 0.53 (mm)

Heated Purge: (Y/N) N

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	41981	8.91	171343	11.64	113003	18.46
UPPER LIMIT	83962	9.41	342686	12.14	226006	18.96
LOWER LIMIT	20991	8.41	85672	11.14	56502	17.96
EPA SAMPLE NO.						
01 VBLK2	35095	8.86	151887	11.61	98550	18.53
02 VBLK2MS	38207	8.82	147130	11.60	102064	18.59
03 MW4	37398	8.89	159415	11.62	113950	18.37
04 MW4MS	36104	8.90	148709	11.64	107737	18.41
05 MW4MSD	37434	8.89	149969	11.63	100438	18.51
06 7880U	33735	8.87	129676	11.67	95622	18.58
07 7880M	34358	8.89	145450	11.63	94533	18.50
08 7880L	32198	8.91	132234	11.65	97539	18.51
09 1SU	34642	8.88	138163	11.60	96047	18.58
10 1SM	33234	8.92	135399	11.66	92130	18.57
11 1SL	32685	9.00	129743	11.70	94674	18.56
12 MW1	33403	8.94	138407	11.66	94231	18.53
13 MW2	33001	8.94	134510	11.66	89311	18.54
14 MW3	31493	8.99	126157	11.74	91860	18.54
15 MW5	31884	8.95	129808	11.68	92010	18.50
16 MW6	31136	8.94	126860	11.67	84073	18.54
17 201D	31168	8.91	119663	11.74	87221	18.59
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside of QC limits with an asterisk.
* Values outside of QC limits.

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: General Testing Corp

Contract: H+A

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: 1167

Lab File ID (Standard): AA243

Date Analyzed: 4/20/95

Instrument ID: MS#1

Time Analyzed: 1532

GC Column: RTX-502 ID: 0.53 (mm)

Heated Purge: (Y/N) N

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	45254	8.81	180074	11.54	125541	18.36
UPPER LIMIT	90508	9.31	360148	12.04	251082	18.86
LOWER LIMIT	22627	8.31	90037	11.04	62771	17.86
EPA SAMPLE NO.						
01 VBLK3	44416	8.82	179360	11.57	130992	18.37
02 MW5DL	41376	8.90	166720	11.65	124056	18.44
03 201DDL	40116	8.86	167009	11.61	121840	18.43
04 MW3DL	36833	8.91	151572	11.70	105812	18.52
05 202	36965	8.87	162146	11.62	118081	18.36
06 MW2DL	38365	8.83	165476	11.57	114432	18.36
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

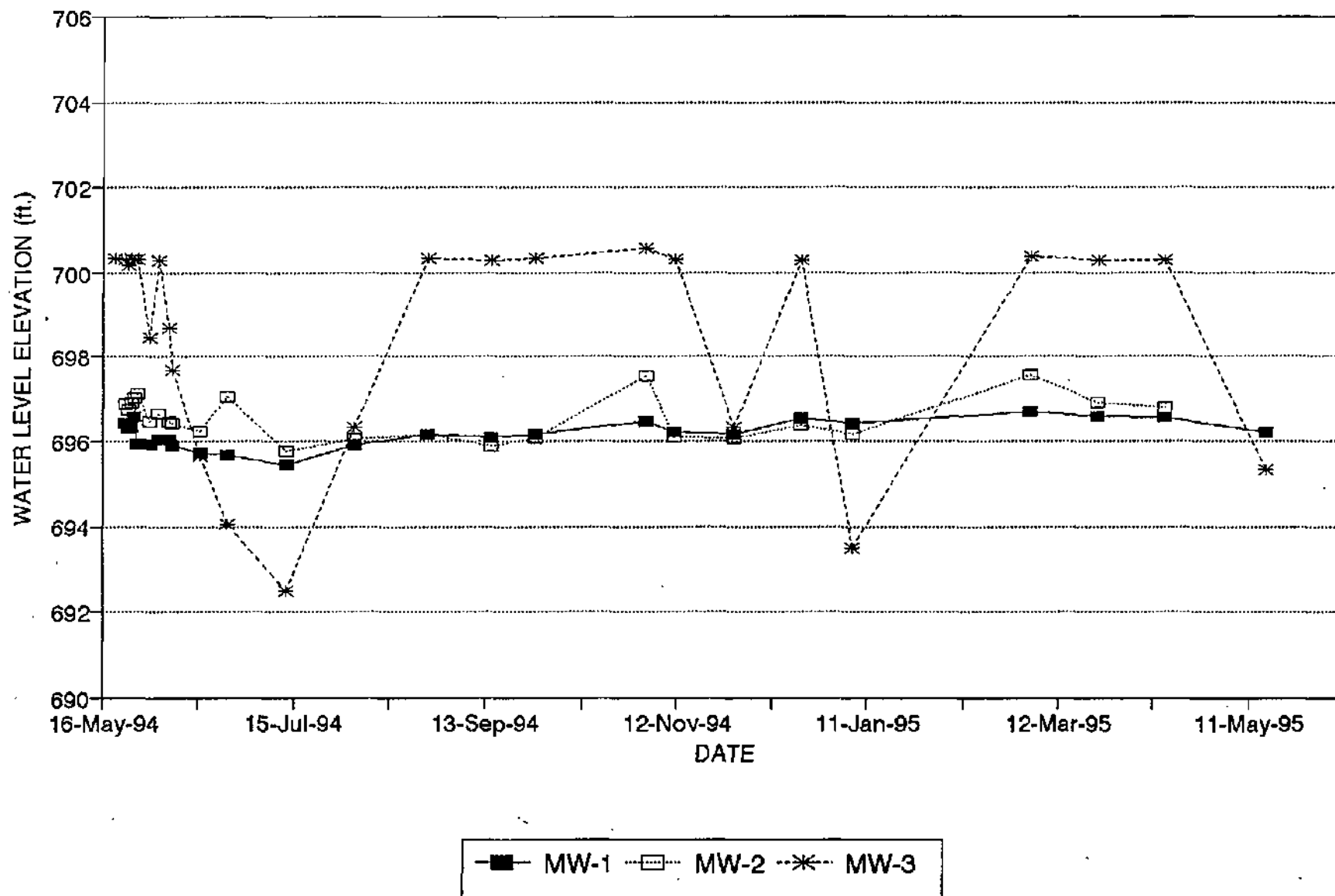
AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside of QC limits with an asterisk.
* Values outside of QC limits.

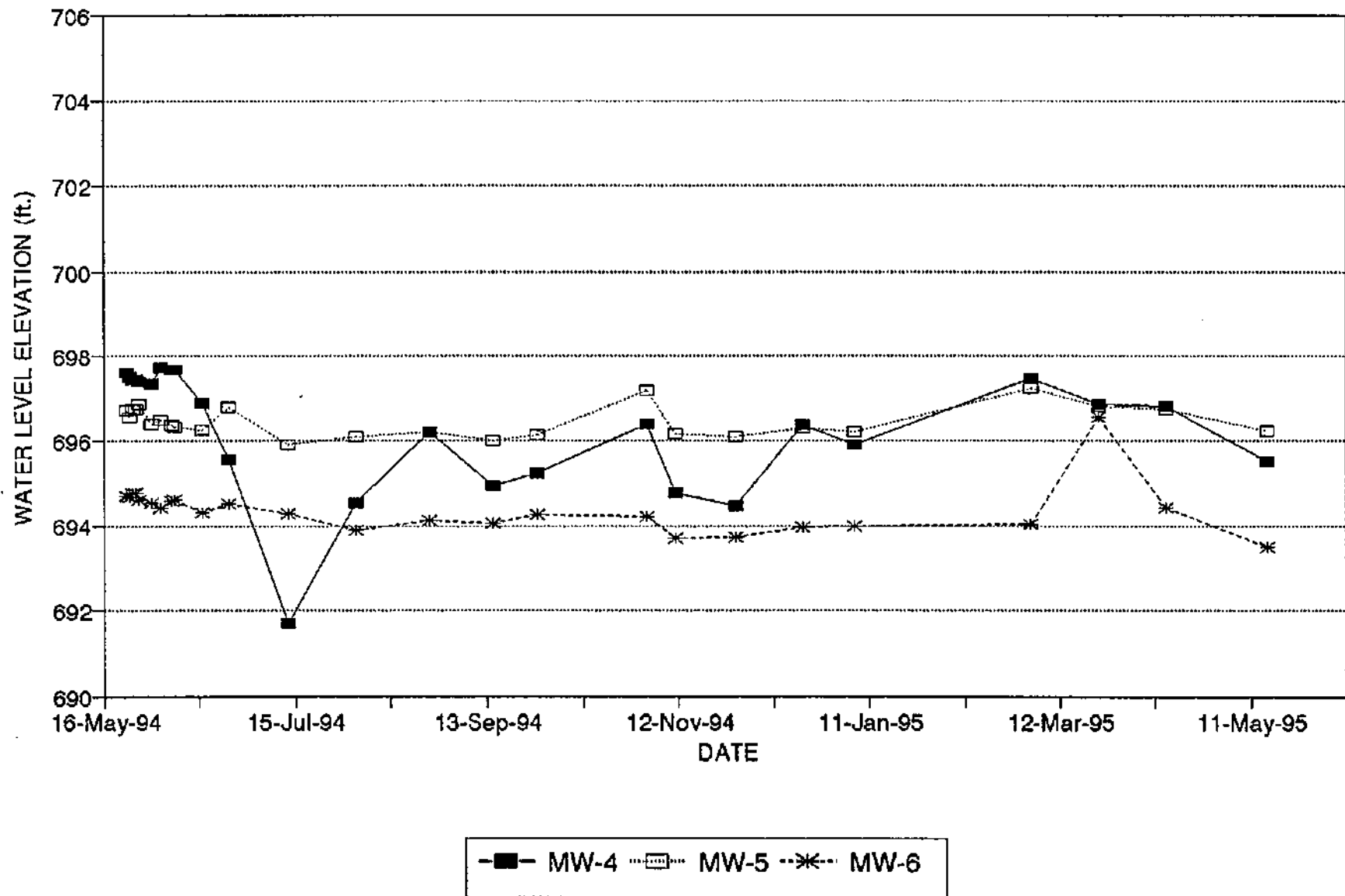
APPENDIX C

Hydrographs for Honeoye Creek and On-site Monitoring Wells

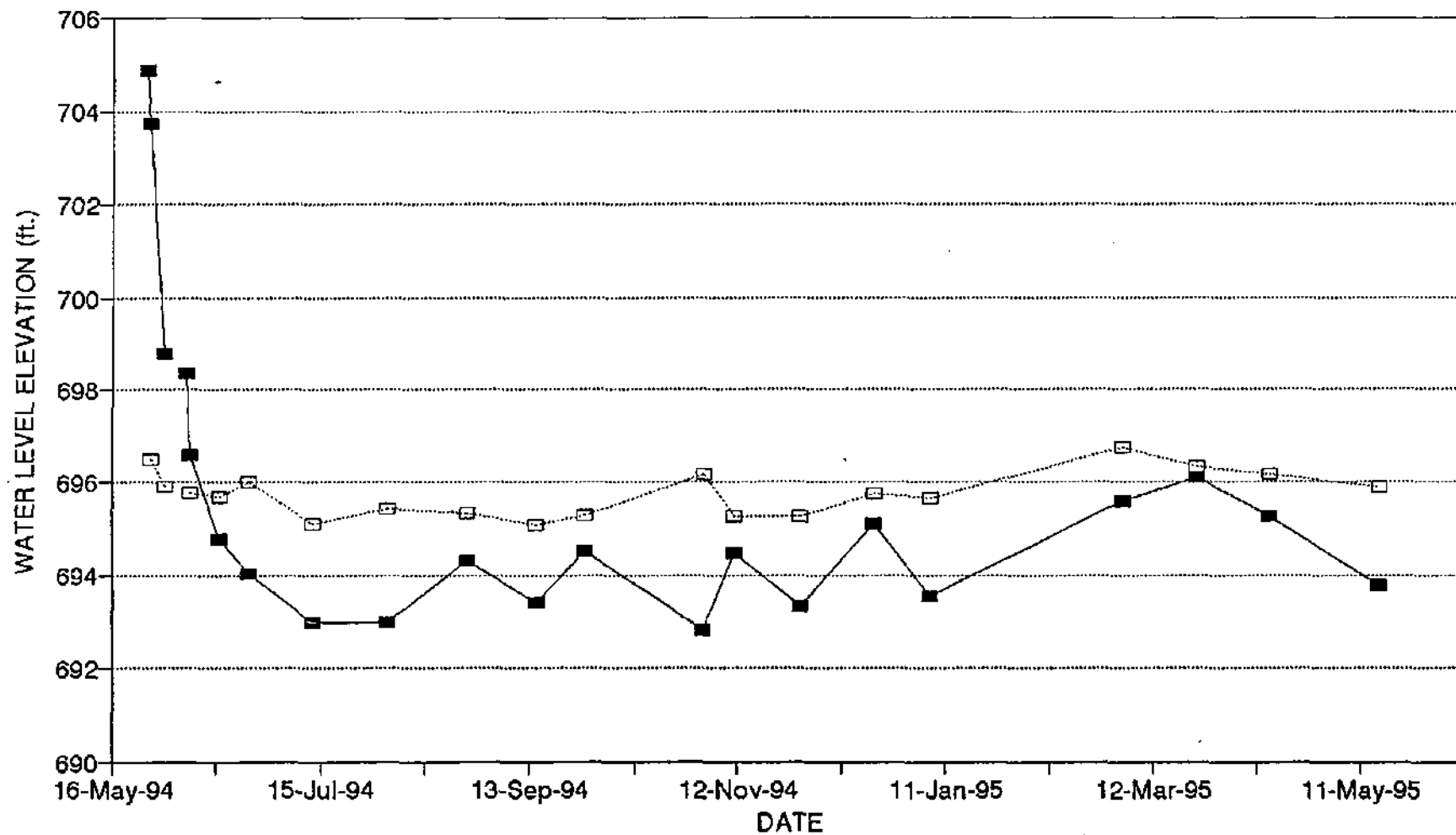
WELL HYDROGRAPHS ENARC-O MACHINE PRODUCTS



WELL HYDROGRAPHS ENARC-O MACHINE PRODUCTS

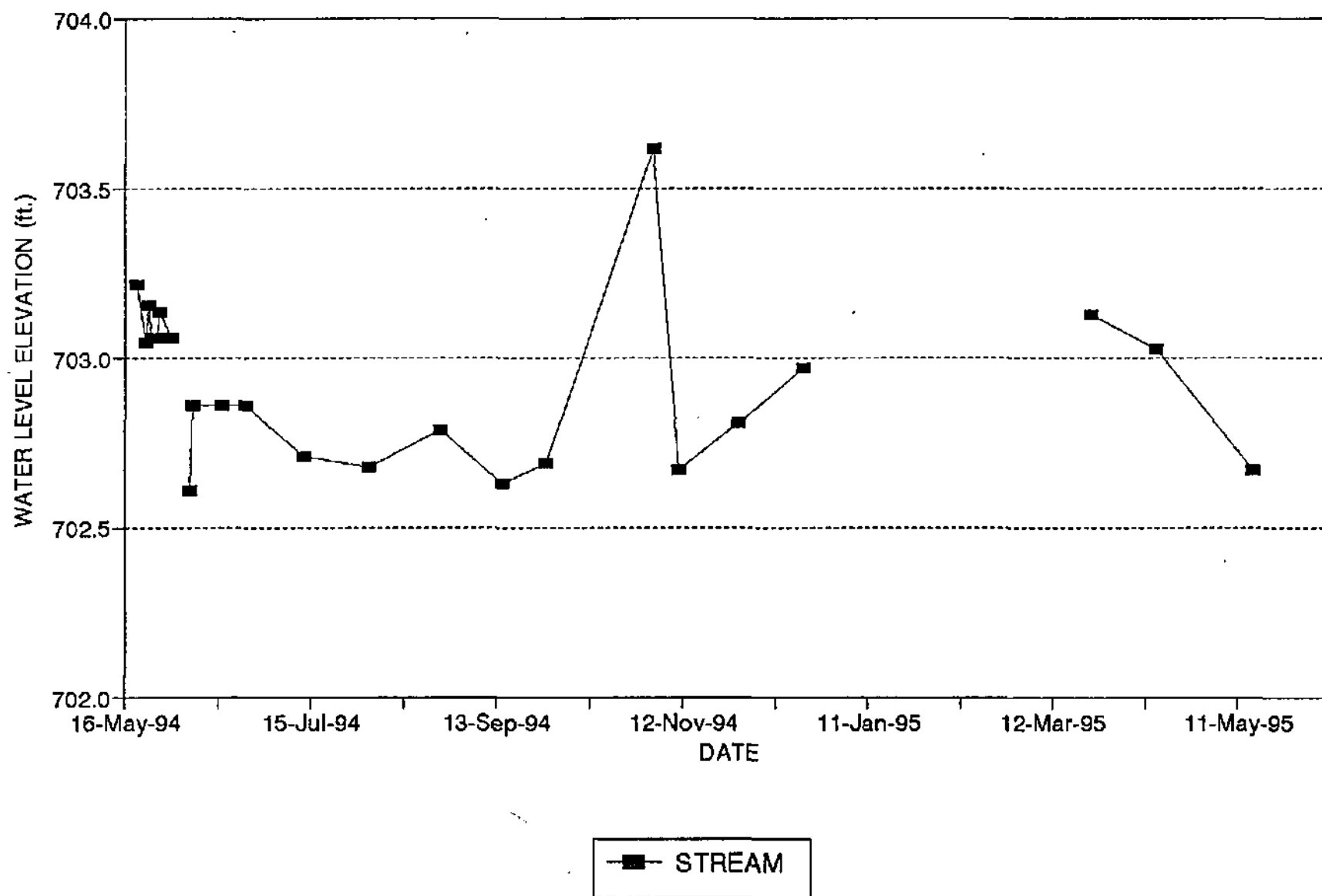


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