WARZYN

Report
13928.20

Sampling and Analysis of Residential Wells
Interim Remedial Measures
Refuse Hideaway Landfill
Town of Middleton, Wisconsin

Prepared for:
Wisconsin Department of Natural Resources
Madison, Wisconsin

Prepared by:
Warzyn Engineering Inc.
Madison, Wisconsin

February 1990

WARZYN

February 28, 1990

Ms. Theresa A. Evanson
Wisconsin Department of Natural Resources
Bureau of Solid & Hazardous Waste Management
101 South Webster Street, GEF II
Box 7921
Madison, Wisconsin 53707

Re: Sampling and Analysis of Residential Wells Report
Interim Remedial Measures
Refuse Hideaway Landfill
Town of Middleton, Wisconsin
Agreement No. 81217.89-2
Project No. 13928.20

Dear Ms. Evanson:

As part of our Interim Remedial Measures Contract we have completed a report entitled, "Sampling and Analysis of Residential Wells". These services are part of Phase I, Task II, as described in our May 25, 1989 Proposal for Services (on which the Contract is based).

Eight (8) copies of the report are enclosed for your distribution and review. The analytical results of the private well sampling included in this report have previously been transmitted to you on November 2, 1989 (First Round) and February 8 and February 26, 1990 (Second Round).

Please review this document and feel free to contact us if you have any questions or comments.

Sincerely,

WARZYN ENGINEERING INC.

Steven C. Termont-Schenk, P.E.
Task Manager

Joel V. Schittone, P.E.
Project Manager

PFJ/vlr/JVS/TFL
[vlr-102-27]
13928.20

Enclosure: As stated

Warzyn Engineering Inc.
One Science Court
University Research Park
P.O. Box 5385
Madison, Wisconsin 53705
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WARZYN

Sampling and Analysis of Residential Wells
Interim Remedial Measures
Refuse Hideaway Landfill
Town of Middleton, Wisconsin

February 1990

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STS/vlr/TFL
[dlk-601-56a]
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SAMPLING AND ANALYSIS OF RESIDENTIAL WELLS
REFUSE HIDEAWAY LANDFILL
TOWN OF MIDDLETON, WISCONSIN

INTRODUCTION

Authorization

The Wisconsin Department of Natural Resources (WDNR) retained Warzyn Engineering Inc. (Warzyn), to provide consulting and engineering services for interim remedial measures at the Refuse Hideaway Landfill (Site). The initial Scope of Work and subsequent revisions and Work Orders have been described in Warzyn's May 1989 proposal, entitled "Refuse Hideaway Landfill, Interim Remedial Measures, Town of Middleton, Dane County, Wisconsin".

Project Description and Response

This report summarizes activities and findings relating to sampling and analysis of residential wells under Project Subtask IIA of the Contract. The purpose of the Subtask is to investigate the groundwater quality at residential wells surrounding the Site.

Wells located within an approximately one mile radius of the Site, as identified by the WDNR, were sampled and analyzed to evaluate the presence of volatile organic compounds (VOCs). The purpose of this work is to evaluate whether the plume of contaminated groundwater emanating from the Site has impacted any additional private water supply wells in the area.

DISCUSSION

Sampling of Private Wells

Warzyn was directed by the WDNR to conduct two rounds of sampling, Round 1 within 30 days of authorization and to proceed with Round 2 approximately 90 days after the first round. The WDNR provided a list of owners whose wells would be tested. Warzyn prepared proforma letters for the WDNR to send to the well owners on State letterhead which:

- Advised each owner of the purpose of the sampling program;

- Requested specific information about the well and other services at their residence; and
- Sought their authorization for Warzyn to sample their well.

Forty-three wells were sampled during Round 1 at the locations shown on Figure 1, Sampling Plan. All of these wells except the Swanson/Sunnyside Seed, Gerber, Utter and Rickey wells were sampled during Round 2. The Swanson well had been shut down for the winter and could not be sampled. The remaining residences not sampled share a community well with the Kind's. (Refer to Table 1 for a complete list of wells sampled and users of those water supplies.) The first round of sampling was conducted on October 2, 3 and 4, 1989 and the second round on January 15, 16 and 17, 1990 in accordance with the Contract requirements.

Samples were gathered in accordance with the Warzyn Sampling Manual, Standard Method, Private Well Sampling (Refer to Appendix A). Field duplicate samples (4 samples) were gathered during Round 1 only. Trip blanks were submitted to the Warzyn Analytical Laboratory in Madison for each day of sampling.

Monitoring of existing point-of-entry (POE) treatment units at the Stoppleworth and Schultz residences were incorporated with the second round of residential well monitoring. Therefore, the results presented for Stoppleworth and Schultz are for raw water and for water collected after the first and second filters of the POE treatment units.

Analytical Procedure

Stated in Warzyn's May 1989 Proposal, all samples of groundwater were analyzed for VOCs utilizing "Safe Drinking Water Act" (SDWA) U.S. EPA Method 502.2. This is a GC method of analysis which provides a lower detection limit suitable for analysis of VOCs potentially of concern in private water supply wells.

RESULTS

The results of sampling Rounds 1 and 2 are included in Appendices B and C of this report, respectively. Only the three private wells with previously documented VOC contamination (the Stoppleworth, Schultz and Swanson/Sunnyside Seed Farm residences) had quantifiable VOCs in the two rounds of sampling and analysis (refer to Table 2 for a summary of analytical results for residences with quantifiable VOCs)

In the first round of analysis, 21 of the 43 wells contained levels of toluene (19 wells) or chloroform (2 wells) which were detectable, but below the limit of quantitation (BMQL). The toluene and chloroform detections are attributed to either the chlorination units on the wells (chloroform) or to sample vial and/or laboratory contamination (toluene) and are not considered an indicator of contamination in the well.

In the second round of analyses, two of the wells contained toluene. One sample was BMQL, the other, the Thew residence, was quantifiable and therefore resampled to evaluate the validity of the result. The analysis of the re-sampled Thew residence well indicated no toluene. The toluene in the Thew residence sample is likely attributable to sample vial and/or laboratory contamination and assumed not an indicator of contamination in the well. Neither of these wells had detectable toluene in the first round.

CLOSING REMARKS

It is recommended that additional sampling and analysis of these residential wells (or an abbreviated list which represents the wells closest to the Site) on a quarterly basis unless the additional groundwater monitoring and sampling work proposed under Phase II of Interim Remedial Measures Contract is implemented.

Continued monitoring is essential to evaluate the extent that contaminated groundwater has impacted the private water supply wells which surround the Refuse Hideaway Landfill.

STS/vlr/JVS/TFL
[dlk-601-56]
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TABLE 1
Residential Wells Sampled

Sec.	Parcel	Well Owner & Address
(Airport Road)		
5	3-8050	Donald Julson 8607 Airport Road, Route 6 Middleton, WI 53562
5	3-8000	Elmer Jungbluth 8611 Airport Road, Route 1 Middleton, WI 53562
5	2-9342	Robert Kjonaas/Britta Renstrom 8632 Airport Road Middleton, WI 53562
5	2-9320	Ronald & JoAnn Golesh 8640 Airport Road Middleton, WI 53562
5	2-9280	Charlie Bucsek Murphy Court Middleton, WI 53562
5	2-9190	Edward & Vickie Ellickson 8656 Airport Road Middleton, WI 53562
6	4-8100	James & Audrey Abrahamson 8689 Airport Road Middleton, WI 53562
6	1-4237	Stephen Kind 8692 Airport Road Middleton, WI 53562
(Following Homes Plumbed to Kind Well:)		
		Kathy Gerber 4676 Horizon Middleton, WI 53562
		Douglas & Cynthia Rickey 8696 Airport Road Middleton, WI 53562
		Thomas & Sheila Utter 8700 Airport Road Middleton, WI 53562

Sec.	Parcel	Well Owner & Address
6		Chalet St. Moritz 4635 Chalet Road Middleton, WI 53562
6	4-2611	Mary Roeder 4660 Pine Manor Circle Middleton, WI 53562
(Following Homes Plumbed to the Roeder Well:)		
		Roy & Charlotte Gregson 4657 Pine Manor Circle Middleton, WI 53562
		Raymond & Tracy Mandli 4675 Pine Manor Circle Middleton, WI 53562
		John & Karen Albright 4676 Pine Manor Circle Middleton, WI 53562
(Pine Manor Estates)		
6	4-2545	John & Linda Benson 4647 Pine Manor Circle Middleton, WI 53562
(Following Homes Plumbed to the Benson Well:)		
		Steven & Angeliki Kellner 4630 Pine Manor Circle Middleton, WI 53562
		Rodney & Rose Huebner 4650 Pine Manor Circle Middleton, WI 53562
		Hugh & Delores Wiggs 4653 Pine Manor Circle Middleton, WI 53562
		Brian & Kathy Graedel 4639 Pine Manor Circle Middleton, WI 53562
6	4-2567	James & Joyce Tiedman 4629 Pine Manor Circle Middleton, WI 53562 (Well also plumbed to neighbors home at 4640 Pine Manor)

Sec.	Parcel	Well Owner & Address
(Rocky Dell Road)		
6	4-8200	Virginia Holtz/Joan Graber 4621 Rocky Dell Road Middleton, WI 53562
5	3-8500	Delven Vosen 4622 Rocky Dell Road, Route 1 Middleton, WI 53562
6	3-9810	Richard Summers 4610 Rocky Dell Road, Route 1 Middleton, WI 53562
6	3-9500	Patrick & Julie Coyle 4593 Rocky Dell Road Cross Plains, WI 53528
7	2-8550	Mike Root 4526 Rocky Dell Road Middleton, WI 53562
6	3-9340	Ralph & Marie Jackson 4519 Rocky Dell Road Cross Plains, WI 53528
7	2-9080	Edward & Patricia Baker 4471 Rocky Dell Road, Route 1 Cross Plains, WI 53582
(Deer Run Road)		
7	3-5354	Raymond & Mary Bula 7872 Deer Run Road Middleton, WI 53562
7	3-5305	John Walter/Patricia Ferrara 7873 Deer Run Road Middleton, WI 53562
7	2-9000	Eunice Schulenburg 7902 USH 14 Cross Plains, WI 53528
7	1-9000	Sunnyside Seed Farms (R.C. Swanson) 7755 USH 14, Route 1 Middleton, WI 53562
7	4-9050	Al & Carolyn Stoppleworth 7750 USH 14 Middleton, WI 53562

Sec.	Parcel	Well Owner & Address
7	4-9020	Craig & Anita Schultz 7734 USH 14 Middleton, WI 53562
(Twin Valley Road)		
		Lisa Roberts 4344 Twin Valley Road Middleton, WI 53562
8	3-9240	Clair Fulenwider/Harriet Forman 4282 Twin Valley Road Middleton, WI 53562
17	2-9560	Robert Anders 4232 Twin Valley Road Middleton, WI 53562
		Gary & Alice Ehnert 4215 Twin Valley Road Middleton, WI 53562
17	2-8670	James Watson 4255 Twin Valley Road Middleton, WI 53562
17	2-9460	Rick & Stacy Sanders 4191 Twin Valley Road Middleton, WI 53562
(Willow Lane)		
		Valerie Dantoin/Karen Fries 4364 Willow Lane Middleton, WI 53562
8	4-9500	Richard & Alice Watts 4358 Willow Lane Middleton, WI 53562
		Dick & Pat Hansen 4381 Willow Lane Middleton, WI 53562
(Wayside Road)		
8	4-8500	Duane & Helen Van Haren 7472 Wayside Road, Route 6 Middleton, WI 53562

Sec.	Parcel	Well Owner & Address
8	1-8500	Joseph & Betty Hinrichs 7458 Wayside Road Middleton, WI 53562
8	1-9700	Edna Thew 7444 Wayside Road Middleton, WI 53562
8	1-9810	Richard Hinrichs 7424 Wayside Road Middleton, WI 53562
8	1-9790	James & Lori Malicki 7434 Wayside Road Middleton, WI 53562 (Well shared with Richard Hinrichs)
(USH 14)		
		Resident 7440 USH 14 Middleton, WI 53562
		Hare's Towne Bowl 7302 USH 14 Middleton, WI 53562
(Low Road)		
18	2-8000	Gene Sharp 7785 Low Road Middleton, WI 53562

STS/vlr/SBH
[jlv-401-02a]
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TABLE 2

SUMMARY OF ANALYTICAL RESULTS

Well / Compound	Round 1 Raw	Round 2 Raw	Round 2 1st Filter	Round 2 2nd Filter
Stoppleworth				
Dichlorodifluoromethane	7.32	9.73	13.0	20.1
1,1-Dichloroethane	2.56	2.43	ND	ND
cis-1,2-dichloroethene	8.82	8.03	ND	ND
1,2-Dichloropropane	<0.500	<0.500	ND	ND
Methylene Chloride	0.888	17.4	ND	ND
Naphthalene	0.562	ND	ND	ND
Tetrachloroethene	14.1	ND	ND	ND
Toluene	<0.500	ND	<0.500	ND
1,1,1-Trichloroethane	0.619	0.765	ND	ND
Trichloroethene	2.04	2.78	ND	ND
Trichlorofluoromethane	1.14	1.23	182	2.35
Chloroethane	ND	(19.5)	(10.7)	(1.68)
Vinyl chloride	ND	(0.507)	(<0.500)	(<0.500)
o-Xylene		ND	<0.500	ND
Schultz				
Dichlorodifluoromethane	17.17	9.80	4.63	4.10
1,1-Dichloroethane	2.91	3.30	ND	ND
1,2-Dichloroethane	<0.500	<0.500	ND	ND
cis-1,2-dichloroethane	19.6	27.3	ND	ND
1,2-Dichloropropane	0.941	1.34	ND	ND
Tetrachloroethene	10.3	17.5	ND	ND
Toluene	<0.500	ND	<0.500	<0.500
1,1,1-Trichloroethane	0.513	0.739	ND	ND
Trichloroethene	5.78	8.03	ND	ND
Trichlorofluoromethane	0.957	1.23	ND	ND
Chloroethane	ND	(19.0)	ND	ND
Vinyl chloride	ND	(0.842)	<0.500	<0.500

TABLE 2
(continued)

SUMMARY OF ANALYTICAL RESULTS

Well	Compound	Round 1 Raw	Round 2 Raw	Round 2 1st Filter	Round 2 2nd Filter
Sunnyside Seed					
	Tetrachloroethene	0.613	NS	NS	NS
	Toluene	<0.500	NS	NS	NS

NOTES:

Wells which exhibited detections attributable to sampling and/or analysis only are not shown.
Refer to Appendices B and C for complete analytical results for sampling Rounds 1 and 2 respectively.

All concentrations are ug/L.

ND = Analyzed but not detected.
() = Sample contains a compound that elutes UPC the gas chromatograph earlier/later than the indicated compound. The result is calculated against the internal standard response.
NS = Not sampled.

When a <.500 is listed in the results, it indicates the compound was detected below the quantitation limit.

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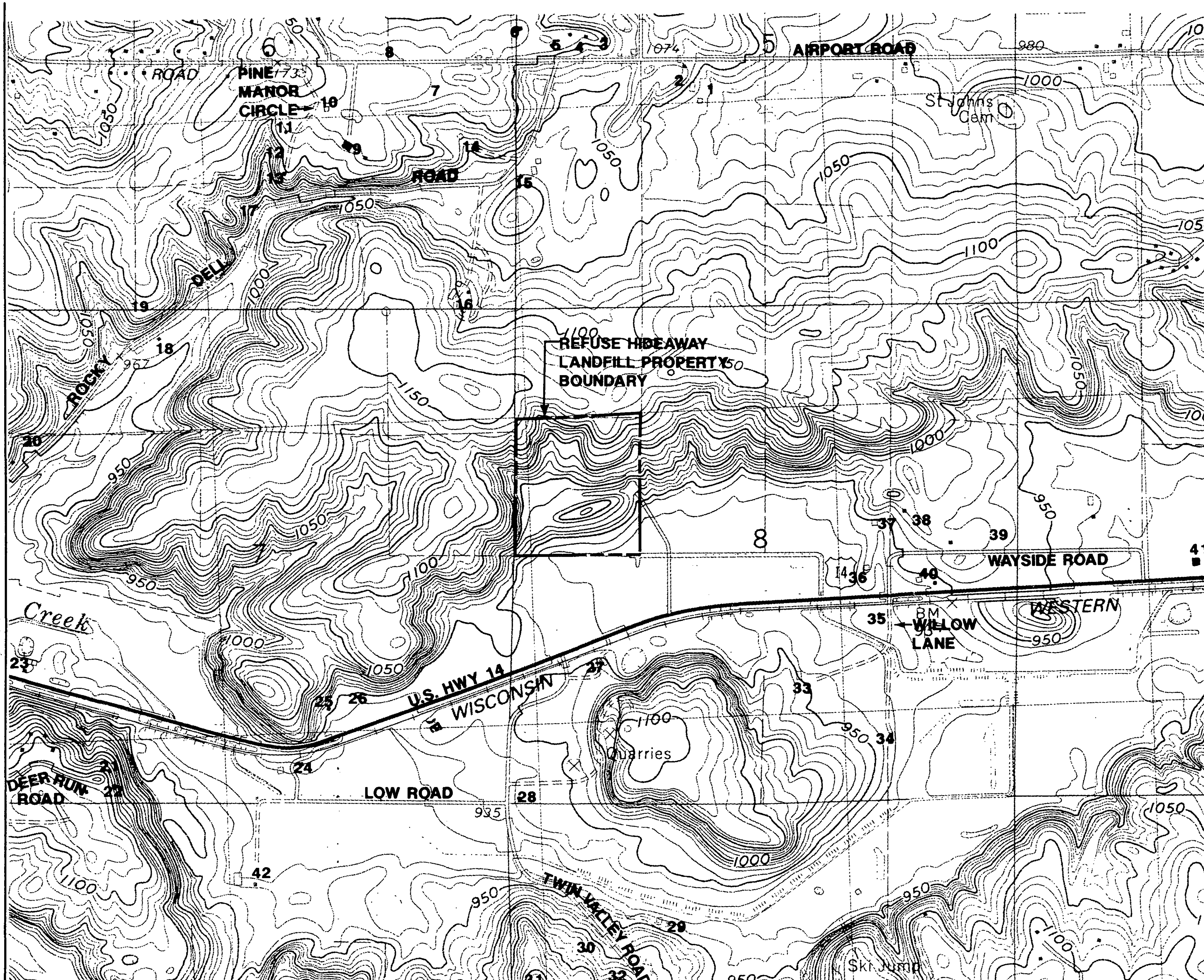

KEY

Well Owner	Well Location Number
Donald Julson	1
Elmer Jungbluth	2
Robert Kjonaas/Britta Renstrom	3
Ronald & JoAnn Golesh	4
Charlie Bucsek	5
Edward & Vickie Ellickson	6
James & Audrey Abrahamson	7
Stephen Kind	8
Kathy Gerber	8
Douglas & Cynthia Rickey	8
Thomas & Sheila Utter	8
Chalet St. Moritz	9
Mary Roeder	10
Roy & Charlotte Gregson	10
Raymond & Tracy Mandli	10
John & Karen Albright	10
John & Linda Benson	11
Steven & Angeliki Kellner	11
Rodney & Rose Huebner	11
Hugh & Delores Wiggs	11
Brian & Kathy Graedel	12
James & Joyce Tiedman	13
Virginia Holtz/Joan Graber	14
Delven Vosen	15
Richard Summers	16
Patrick & Julie Coyle	17
Mike Root	18
lph & Marie Jackson	19
ward & Patricia Baker	20
Raymond & Mary Bula	21
John Walter/Patricia Ferrara	22
Eunice Schulenburg	23
Sunnyside Seed Farms	24
Al & Carolyn Stoppleworth	25
Craig & Anita Schultz	26
Lisa Roberts	27
Clair Fulenwider/Harriet Forman	28
Robert Anders	29
Gary & Alice Ehnert	30
James Watson	31
Rick & Stacy Sanders	32
Valerie Dantoin/Karen Fries	33
Richard & Alice Watts	34
Dick & Pat Hansen	35
Duane & Helen Van Haren	36
Joseph & Betty Hinrichs	37
Edna Thew	38
Richard Hinrichs	39
James & Lori Malicki	39
Resident - 7440 USH 14	40
Hare's Towne Bowl	41
Gene Sharp	42

LEGEND

20 WELL LOCATION NUMBER (REFER TO KEY ABOVE FOR OWNER)

NOTE

1. BASE MAP DEVELOPED FROM THE MIDDLETON, WISCONSIN 7 1/2 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP, DATED 1983.

north

0 500 1000
SCALE IN FEET

Designed By: TJD/STS Drawn By: HLH Checked By: STS
Approved By: [signature] Date: 2-28-90

WARZYN
WARZYN ENGINEERING INC
Madison • Milwaukee
Minneapolis • Chicago
Detroit

SAMPLING PLAN
INTERIM REMEDIAL MEASURES
RESIDENTIAL WELL SAMPLING
AND ANALYSIS
REFUSE HIDEAWAY LANDFILL
TOWN OF MIDDLETON, WISCONSIN

FIGURE 1

Project Number 13928 **B5**

WARZYN

APPENDIX A

STANDARD METHOD
PRIVATE WELL SAMPLING

STANDARD METHOD

PRIVATE WELL SAMPLING

Scope and Application: To provide guidelines for the collection of residential and public water supply samples.

Equipment Required:

1. Assorted tools, i.e.; pliers, pipewrench, etc.
2. 50' hose (5/8" and 1/2" adapters)
3. 5 gallon bucket
4. Sample containers
5. Hardness indicator

Procedure:

1. Call landowner 1-2 days before sampling to arrange sampling time. Consult site specific instructions to determine what arrangements need to be made.

2. When on site, obtain permission to sample. Do not attempt to answer questions concerning analyses, etc., unless prior instructions were obtained from the project manager. Direct all inquiries to the project manager.

3. Label all sample containers prior to collection.

4. Locate an untreated, cold water source. If possible, the sample should be collected directly off the pressure tank or from a tap between the pump and the pressure tank. Other acceptable locations may be; outside faucet, cold water tap into basement sink, etc.. If the sample is taken at a new location, verify that the sample has not passed through any type of treatment (water softener, iron filter, hot water heater, etc.). Trace the plumbing, if possible, or use hardness indicator to check for softened water. The indicator will turn blue in soft water. Record the exact location the sample was taken.

5. The well/pressure tank system should be purged by allowing the water to run for at least 5 minutes or until the pump cycles on and off several times. Connect a hose to the faucet or collect purged water in bucket for disposal.

6. Fill appropriate containers for analyses required. Consult Sample Collection and Preservation SOP (SCP).

7. Clean up sampling area if necessary.

APPENDIX B

RESULTS OF 1ST ROUND OF SAMPLING

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38081
SAMPLE ID: DUANE VAN HAREN

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: DJS
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38081
SAMPLE ID: DUANE VAN HAREN

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38082
SAMPLE ID: JOAN GRUBER

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JPH APP'D: CJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38082
SAMPLE ID: JOAN GRUBER

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38083
SAMPLE ID: JOSEPH HINRICHS

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38083
SAMPLE ID: JOSEPH HINRICHS

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38084
SAMPLE ID: RICHARD HINRICHS

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/25/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38084
SAMPLE ID: RICHARD HINRICHS

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: DJL
DATE ISSUED: 10/25/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38085
SAMPLE ID: JOHN WALTER

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: DJS
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38085
SAMPLE ID: JOHN WALTER

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JMH APP'D: PJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38086
SAMPLE ID: RESIDENT 7440 HWY 14

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: DJF
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38086
SAMPLE ID: RESIDENT 7440 HWY 14

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38087
SAMPLE ID: BAKER

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: CME
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38087
SAMPLE ID: BAKER

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38088
SAMPLE ID: RICHARD SUMMERS

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38088
SAMPLE ID: RICHARD SUMMERS

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: DAE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected..

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38089
SAMPLE ID: MARY JANE VOSEN

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: DJF
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38089
SAMPLE ID: MARY JANE VOSEN

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38090
SAMPLE ID: DOUG RICKEY

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38090
SAMPLE ID: DOUG RICKEY

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38091
SAMPLE ID: RALPH JACKSON

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38091
SAMPLE ID: RALPH JACKSON

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38092
SAMPLE ID: TRIP BLANK

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	BMDL
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38092
SAMPLE ID: TRIP BLANK

PROJECT #: 13928.20
DATE SAMPLED: 10/2/89
CK'D: JTAH APP'D: DAE
DATE ISSUED: 10/28/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

Marzyn Engineering Inc.
One Science Court
University Research Park
P.O. Box 5385
Madison, Wisconsin 53705
(608) 273-0440

CHAIN OF CUSTODY RECORD

PROJ. NO. 1398.20 | PROJECT NAME: Refuse Hideaway | LOCATION: Middleton US

SAMPLERS: (Signature) Thomas A. Dachek

LAB NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC's (SDWA)	REMARKS
38092	10/2/89	0715		X	Trip Blank	1	✓	Tag # GW 7-08002
38081		0825		X	Duane Van Haren	2	✓	7-08003 7-08004
38082		0855		X	Joan Gruber	2	✓	7-08005 7-08006
38083		0925		X	Joseph Hinrichs	2	✓	7-08007, 7-08008
38084		0935		X	Richard Hinrichs	2	✓	7-08009, 7-08010
38085		1115		X	John Waller	2	✓	7-08011 7-08012
38086		1300		X	Residual Pit Well 14	2	✓	7-08013, 7-08014
38087		1330		X	Baker	2	✓	7-08015 7-08016
38088		1350		X	Richard Summers	2	✓	7-08017 7-08018 2 vials w/ air
38089		1430		X	Mary Jane Hosen	2	✓	7-08019 7-08020
38090		1530		X	Doug Rickey	2	✓	7-08021, 7-08022
38091		1015		X	Ralph Jackson	2	✓	7-08023, 7-08024 1 vial w/ air

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Thomas A. Dachek	10/2/89 1715				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)		Date / Time	
		Kari-Ann Fink		10/3/89 7:05 am	

Remarks: All VOC's preserved with 1:1 HCl.

PROJECT MANAGER: J. Shilone

6984

Distribution: White — Accompanies Shipment; Yellow — Laboratory File; Pink — Coordinator Field Files

No. 9 07772

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38093
SAMPLE ID: EDNA THEW

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DAE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38093
SAMPLE ID: EDNA THEW

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38094
SAMPLE ID: EDNA THEW DUP

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JMH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38094
SAMPLE ID: EDNA THEW DUP

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DAE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38095
SAMPLE ID: JAMES ABRAHAMSON

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38095
SAMPLE ID: JAMES ABRAHAMSON

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38096
SAMPLE ID: JAMES WATSON

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38096
SAMPLE ID: JAMES WATSON

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJS
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38097
SAMPLE ID: ROBERT ANDERS

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJS
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38097
SAMPLE ID: ROBERT ANDERS

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38098
SAMPLE ID: J. HARE

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38098
SAMPLE ID: J. HARE

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJF
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38099
SAMPLE ID: BRIAN GRAEDEL

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DAE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38099
SAMPLE ID: BRIAN GRAEDEL

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38100
SAMPLE ID: BRIAN GRAEDEL DUP

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38100
SAMPLE ID: BRIAN GRAEDEL DUP

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DAE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38101
SAMPLE ID: ALICE WATTS

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38101
SAMPLE ID: ALICE WATTS

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38102
SAMPLE ID: JAMES TIEDMAN

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38102
SAMPLE ID: JAMES TIEDMAN

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: STAH APP'D: DAE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38103
SAMPLE ID: TOM UTTER

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38103
SAMPLE ID: TOM UTTER

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJS
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38104
SAMPLE ID: ROBERT KJONAAS

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JPH APP'D: D/E
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38104
SAMPLE ID: ROBERT KJONAAS

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38105
SAMPLE ID: LISA ROBERTS

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	BMDL
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38105
SAMPLE ID: LISA ROBERTS

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJS
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38106
SAMPLE ID: ED ELLICKSON

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DAE
DATE ISSUED: 10/25/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38106
SAMPLE ID: ED ELLICKSON

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJF
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL(1)
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.
(1) Toluene detected in the associated method blank at BMDL level.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38107
SAMPLE ID: STEPHAN KIND

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/25/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38107
SAMPLE ID: STEPHAN KIND

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/25/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38108
SAMPLE ID: CLAIRE FULENWIDER

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJS
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38110
SAMPLE ID: VALERIE DANTOIN DUP

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH/APP'D: DJS
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38110
SAMPLE ID: VALERIE DANTOIN DUP

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL(1)
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.
(1) Toluene detected in the associated method blank at BMDL level.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38111
SAMPLE ID: MARY ROEDER

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38111
SAMPLE ID: MARY ROEDER

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL (1)
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.
(1) Toluene detected in the associated method blank at BMDL level.

Method Reference: EPA, "Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38112
SAMPLE ID: RICK SANDERS

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JPH APP'D: DJS
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38112
SAMPLE ID: RICK SANDERS

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38113
SAMPLE ID: TRIP BLANK

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38113
SAMPLE ID: TRIP BLANK

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: TAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL -·Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

[redacted] Engineers, Inc.
One Science Court
University Research Park
P.O. Box 5385
Madison, Wisconsin 53705
(608) 273-0440

CHAIN OF CUSTODY RECORD

PROJ. NO. 13928.20

PROJECT NAME: Refuse Hideaway Landfill

LOCATION: Middleton, WI

SAMPLERS: (Signature) Thomas J. Dunbek

LAB NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC's (SDWA)	REMARKS
38113	10/3/89	0715		X	Trip Blank	1	✓	Tag # 7-08025 GW
38093		0820		X	Edna Thew	2	✓	7-08026, 027 (bubbles) 2 vials
38094		0820		X	Edna Thew DUP	2	✓	7-08028, 029 (bubbles) ↓
38095		0900		X	James Abrahamson	2	✓	7-08030, 031 1 vial w/air
38096		0940		X	James Watson	2	✓	7-08032, 033 ↓
38097		1005		X	Robert Anders	2	✓	7-08034, 035
38098		1030		X	J. Hare	2	✓	7-08036, 037 1 vial w/air
38099		1140		X	Brian Graedel	2	✓	7-08040, 041 2 vials w/air
38100		1140		X	Brian Graedel DUP	2	✓	7-08042, 043
38101		1055		X	Alice Watts	2	✓	7-08038, 039
38102		1205		X	James Tiedman	2	✓	7-08044, 045 1 vial w/air
38103		1330		X	Tom Utter	2	✓	7-08046, 047
38104	↓	1400		X	Robert Kjonaas	2	✓	7-08048, 049 ↓

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Thomas J. Dunbek	10-3-89 2115				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)		Date / Time	
		Keri-Ann Smith		10/4/89 7:15 am	

Remarks

All VOC's preserved with 1:1 HCl.

PROJECT MANAGER: J. Schittone

6985

Distribution: White — Accompanies Shipment; Yellow — Laboratory File; Pink — Coordinator Field Files

No. 9 01113

WARZYN

Warzyn Engineering Inc.
Environmental Sciences
University Research Park
P.O. Box 5385
Madison, Wisconsin 53705
(608) 273-0440

CHAIN OF CUSTODY RECORD

PROJ. NO. 13928.20

PROJECT NAME: Refuse Hideaway Landfill

LOCATION: Middleton, WI

SAMPLERS: (Signature) Thomas J. Dunholz

LAB NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC's (SDWA)	REMARKS
38105	10/3/89	1635		X	Lisa Roberts	~~2~~ 3	✓	Tag # GW 7-08050, 052, 053
38106		1710		X	Ed Ellickson	2	✓	7-08054, 055
38107		1745		X	Stephan Kind	2	✓	7-08056, 057
38108		1820		X	Claire Fulenwider	2	✓	7-08058, 059 Vial w/bin
38109		1905		X	Valerie Dantoin	2	✓	7-08060, 061
38110		1905		X	Valerie Dantoin DUP	2	✓	7-08062, 063
38111		1945		X	Mary Roeder	2	✓	7-08064 065
38112	↓	2030		X	Rick Sanders	2	✓	7-08066 067

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Thomas J. Dunholz	10/3/89 2115				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)		Date / Time	
		Kari Ann Fink		10/4/89 7:15am	

Remarks

All VOC's preserved with 1:1 HCl.
Lisa Roberts also have $Na_2S_2O_3$ added.

PROJECT MANAGER: J. Schithone

6985

Distribution: White — Accompanies Shipment; Yellow — Laboratory File; Pink — Coordinator Field Files

№ 9 01114

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October 24, 1989

MEMORANDUM

RE: C# 13928.20 - Refuse Hideaway

Samples 38135, 38136, and 38137 contain what appears to be an early eluting halogenated unknown. This unknowns' retention time,eluting off the gas chromatograph,is consistant and falls between Chloroethane and Trichlorofluoromethane. The estimated concentration of the unknowns, calculated against the internal standard 1-Chloro-2-Fluorobenzene is 24.2, 19.7, and 26.8 ug/L, respectively.

Daniel J. Elwood

Organic Chemistry Supervisor

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38135
SAMPLE ID: AL STOPPLEWORTH

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	7.32
1,1-Dichloroethane	0.500	2.56
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	8.82
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	BMDL
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	0.888

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38136
SAMPLE ID: AL STOPPLEWORTH DUP

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	7.63
1,1-Dichloroethane	0.500	2.79
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	9.52
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	BMDL
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	0.933

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38136
SAMPLE ID: AL STOPPLEWORTH DUP

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JPH APP'D: D/E
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	17.9
Toluene	0.500	BMDL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	0.692
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	1.89
Trichlorofluoromethane	0.500	1.28
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38137
SAMPLE ID: CRAIG SCHULTZ

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	7.17
1,1-Dichloroethane	0.500	2.91
1,2-Dichloroethane	0.500	BMDL
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	19.6
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	0.941
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38135
SAMPLE ID: AL STOPPLEWORTH

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJC
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	0.562
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	14.1
Toluene	0.500	BMDL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	0.619
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	2.04
Trichlorofluoromethane	0.500	1.14
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38137
SAMPLE ID: CRAIG SCHULTZ

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	10.3
Toluene	0.500	BMDL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	0.513
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	5.78
Trichlorofluoromethane	0.500	0.957
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38138
SAMPLE ID: SUNNYSIDE SEED

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JMH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38139
SAMPLE ID: EUNICE SCHULENBURG

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38138
SAMPLE ID: SUNNYSIDE SEED

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DAS
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	0.613
Toluene	0.500	BMDL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38140
SAMPLE ID: JOHN BENSON

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38109
SAMPLE ID: VALERIE DANTOIN

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL (1)
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.
(1) Toluene detected in the associated method blank at BMDL level.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38108
SAMPLE ID: CLAIRE FULENWIDER

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJS
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL(1)
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.
(1) Toluene detected in the associated method blank at BMDL level.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38109
SAMPLE ID: VALERIE DANTOIN

PROJECT #: 13928.20
DATE SAMPLED: 10/3/89
CK'D: JAH APP'D: DJS
DATE ISSUED: 10/23/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38139
SAMPLE ID: EUNICE SCHULENBERG

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38140
SAMPLE ID: JOHN BENSON

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38141
SAMPLE ID: MARY BULA

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DAE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38141
SAMPLE ID: MARY BULA

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38142
SAMPLE ID: MARY BULA DUP

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJS
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38142
SAMPLE ID: MARY BULA DUP

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38143
SAMPLE ID: CHALET ST. MORITZ

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38143
SAMPLE ID: CHALET ST. MORITZ

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: CJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38144
SAMPLE ID: PAT HANSEN

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJS
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38144
SAMPLE ID: PAT HANSEN

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38145
SAMPLE ID: CHARLIE BUCSEK

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38145
SAMPLE ID: CHARLIE BUCSEK

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38146
SAMPLE ID: GARY EHNERT

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JPH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38146
SAMPLE ID: GARY EHNERT

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38147
SAMPLE ID: ELMER JUNGBLUTH

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38147
SAMPLE ID: ELMER JUNGBLUTH

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38148
SAMPLE ID: PATRICK COYLE

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJC
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38148
SAMPLE ID: PATRICK COYLE

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38149
SAMPLE ID: GENE SHARP

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38149
SAMPLE ID: GENE SHARP

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38150
SAMPLE ID: MIKE ROOT

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38150
SAMPLE ID: MIKE ROOT

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38151
SAMPLE ID: RON GOLESH

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/27/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38151
SAMPLE ID: RON GOLESH

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38152
SAMPLE ID: DON JULSON

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38152
SAMPLE ID: RON JULSON

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38153
SAMPLE ID: KATHY GERBER

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38153
SAMPLE ID: KATHY GERBER

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMDL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38154
SAMPLE ID: TRIP BLANK

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JAH APP'D: D/E
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 38154
SAMPLE ID: TRIP BLANK

PROJECT #: 13928.20
DATE SAMPLED: 10/4/89
CK'D: JPH APP'D: DJE
DATE ISSUED: 10/24/89

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA Method 502.2 (with modifications).

WARZYN
War[redacted]ineer[redacted]
One Science Court
University Research Park
P.O. Box 5385
Madison, Wisconsin 53705
(608) 273-0440

CHAIN OF CUSTODY RECORD

PROJ. NO. 13928.20 | PROJECT NAME: Refuse Hideaway Landfill | LOCATION: Middleton, WI

SAMPLERS: (Signature) Thomas J. Dvorak

LAB NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC's	REMARKS
38154	10/4/89	0715		X	Trip Blank	1	✓	Tag # GW 7-08068
38135		0820		X	Al Stoppleworth	2	✓	7-08069, 070
38136		0820		X	Al Stoppleworth DUP	2	✓	7-08071, 072
38137		0830		X	Craig Schultz	2	✓	7-08073, 074
38138		0855		X	Sunnyside Seed	2	✓	7-08075 076
38139		0955		X	Eunice Schulenburg	2	✓	7-08376, 377
38140		1025		X	John Benson	2	✓	7-08378, 379
38141		1105		X	Mary Bula	2	✓	7-08380, 381 Vial w/air
38142		1105		X	Mary Bula DUP	2	✓	7-08382, 383
38143		1300		X	Chalet St. Moritz	2	✓	7-08384, 385
38144		1335		X	Pat Hansen	2	✓	7-08386, 387
38145		1410		X	Charlie Bucsek	2	✓	7-08388, 389
38146		1440		X	Gary Ehinert	2	✓	7-08390, 391

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Thomas J. Dvorak	10/4/89 2030				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)		Date / Time	
		Kari Ann Fink		10/5/89 7:25am	

Remarks

All VOC's preserved with 1:1 HCl.

PROJECT MANAGER: J. Schittone

6990

Distribution: White – Accompanies Shipment; Yellow — Laboratory File; Pink — Coordinator Field Files

No 9 01115

WARZYN
Warzyn Engineering
One Science Court
University Research Park
P.O. Box 5385
Madison, Wisconsin 53705
(608) 273-0440

CHAIN OF CUSTODY RECORD

PROJ. NO. 13928.20

PROJECT NAME: Refuse Hideaway Landfill

LOCATION: Middleton, WI

SAMPLERS: (Signature) Thomas J. Dunbleb

LAB NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC's	REMARKS
								Tag # GW
38147	10/4/89	1525		X	Elmer Jungbluth	2	✓	7-08392, 393
38148		1655		X	Patrick Coyle	2	✓	7-08394, 395
38149		1720		X	Gene Sharp	2	✓	7-08396, 397
38150		1755		X	Mike Root	2	✓	7-08398, 399
38151		1825		X	Ron Golesh	2	✓	7-08400, 8-04001
38152		1915		X	Dan Julson	2	✓	8-04002, 003
38153	↓	1955		X	Kathy Gerber	2	✓	8-04004, 005 1 vial w/air
→								

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Thomas A. Dunbleb	10/4/89 2030				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)		Date / Time	
		Kari Ann Link		10/5/89 7:25 am	

Remarks

All VOC's preserved with 1:1 HCl.

PROJECT MANAGER: J. Schittone

6990

Distribution: White — Accompanies Shipment; Yellow — Laboratory File; Pink — Coordinator Field Files

No 9 01116

APPENDIX C

RESULTS OF 2ND ROUND OF SAMPLING

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41547
SAMPLE ID: COYLE

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJF
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41547
SAMPLE ID: COYLE

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJS
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41548
SAMPLE ID: JACKSON

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJF
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41548
SAMPLE ID: JACKSON

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41549
SAMPLE ID: JULSON

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJF
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41549
SAMPLE ID: JULSON

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41550
SAMPLE ID: VOSEN

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJF
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41550
SAMPLE ID: VOSEN

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJL
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41551
SAMPLE ID: SUMMERS

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DF
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41551
SAMPLE ID: SUMMERS

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJF
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41552
SAMPLE ID: BAKER

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: D/E
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41552
SAMPLE ID: BAKER

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DAL
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41553
SAMPLE ID: HOLTZ

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41553
SAMPLE ID: HOLTZ

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41554
SAMPLE ID: GOLESH

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41554
SAMPLE ID: GOLESH

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: D/E
DATE ISSUED: D/E

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41555
SAMPLE ID: WATSON

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41555
SAMPLE ID: WATSON

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMQL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41556
SAMPLE ID: ROBERTS

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41556
SAMPLE ID: ROBERTS

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41558
SAMPLE ID: KJONAAS

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41558
SAMPLE ID: KJONAAS

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41559
SAMPLE ID: JUNGBLUTH

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJ APP'D: D/E
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41559
SAMPLE ID: JUNGBLUTH

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: D/E
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41560
SAMPLE ID: CHALET ST. MORITZ

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41560
SAMPLE ID: CHALET ST. MORITZ

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJF
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41561
SAMPLE ID: BUESEK

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41561
SAMPLE ID: BUESEK

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJS
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41562
SAMPLE ID: ABRAHAMSON

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41562
SAMPLE ID: ABRAHAMSON

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41563
SAMPLE ID: ELLICKSON

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41563
SAMPLE ID: ELLICKSON

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41564
SAMPLE ID: ROOT

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41564
SAMPLE ID: ROOT

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41565
SAMPLE ID: KIND

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: D/E
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41565
SAMPLE ID: KIND

PROJECT #: 13928.20
DATE SAMPLED: 01/15/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/6/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMDL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

[redacted]WARZY[redacted]

Wa[redacted]gineer[redacted]
One Science Court
University Research Park
P.O. Box 5385
Madison, Wisconsin 53705
(608) 273-0440

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME	
13928.20	Refuse Hideaway	LOCATION: Hwy 14

SAMPLERS: (Signature) Thomas J. Dushek

	LAB NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC's (SDWA)					REMARKS
435													GW
020	41566	1/15/90	0615		X	Trip Blank	1	✓					Cancelled
001	41547		0700		X	Coyle	2	✓					
002	41548		0720		X	Jackson	2	✓					
003	41549		0740		X	Julson	2	✓					
004	41550		0817		X	Vosen	2	✓					
005	41551		0840		X	Summers	2	✓					
006	41552		0910		X	Baker	2	✓					
007	41553		0940		X	Holtz	2	✓					
008	41554		0945		X	Golesh	2	✓					
009	41555		1055		X	Watson	2	✓					
010	41556		1400		X	Roberts	2	✓					
011	41557		1430		X	Utter	2	✓					2 vials w/air Cancelled
012	41558	↓	1545		X	Kjonaas	2	✓					

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Thomas J. Dushek	1-15-90 / 1900				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)		Date / Time	
		Kari-Ann Fink		1/16/90 9:00	am

Remarks

PROJECT MANAGER: S. Tremont

7480

Distribution: White — Accompanies Shipment; Yellow — Laboratory File; Pink — Coordinator Field Files

№ 9 01388

WARZYN

Warzyn Engineering Inc.
Environmental Science
University Research Park
P.O. Box 5385
Madison, Wisconsin 53705
(608) 273-0440

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME	LOCATION
13928.20	Refuse Hideaway Landfill	Hwy 14

SAMPLERS: (Signature) Thomas J. Dvorak

	LAB NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC's (SDWA)						REMARKS
013	41559	1/15/90	1620		X	Jungbluth	2	✓						GW
014	41560		1645		X	Chalet St. Moritz	2	✓						
015	41561		1715		X	Buesek	2	✓						
016	41562		1738		X	Abrahamson	2	✓						
017	41563		1800		X	Ellickson	2	✓						
018	41564		1820		X	Root	2	✓						
019	41565	↓	1845		X	Kind	2	✓						

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Thomas J. Dvorak	1-15-90 / 1900				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)		Date / Time	
		Kari-Ann Link		1/16/90 / 9:00 am	

Remarks

PROJECT MANAGER: S. Tremont

7480

Distribution: White — Accompanies Shipment; Yellow — Laboratory File; Pink — Coordinator Field Files

№ 9 01389

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41588
SAMPLE ID: R. HINRICHS

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41588
SAMPLE ID: R. HINRICHS

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41589
SAMPLE ID: BULA

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41589
SAMPLE ID: BULA

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DJS
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41590
SAMPLE ID: WALTER

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41590
SAMPLE ID: WALTER

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41591
SAMPLE ID: THEW

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJ APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41591
SAMPLE ID: THEW

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: RJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	0.862
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41592
SAMPLE ID: J. HINRICHS

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJ APP'D: DJS
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41592
SAMPLE ID: J. HINRICHS

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DJS
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41593
SAMPLE ID: VAN HAREN

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: D/E
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41593
SAMPLE ID: VAN HAREN

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41594
SAMPLE ID: SANDERS

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41594
SAMPLE ID: SANDERS

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJ APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41595
SAMPLE ID: ANDERS

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41595
SAMPLE ID: ANDERS

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41596
SAMPLE ID: EHNERT

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41596
SAMPLE ID: EHNERT

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41597
SAMPLE ID: FRIES

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41597
SAMPLE ID: FRIES

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41598
SAMPLE ID: HANSEN

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41598
SAMPLE ID: HANSEN

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA, "Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41599
SAMPLE ID: ROEDER

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41599
SAMPLE ID: ROEDER

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41600
SAMPLE ID: WATTS

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41600
SAMPLE ID: WATTS

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41601
SAMPLE ID: SHARP

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41601
SAMPLE ID: SHARP

PROJECT #: 13928.20
DATE SAMPLED: 1/16/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

WARZYN

Warzyn Engineering Inc.
[redacted]
University Research Park
P.O. Box 5385
Madison, Wisconsin 53705
(608) 273-0440

CHAIN OF CUSTODY RECORD

PROJ. NO. 13928.20

PROJECT NAME: Refuse Hideaway LandFill

LOCATION: Hwy 14

SAMPLERS: (Signature) Thomas J. Dunaluk

LAB NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC's (SDWA)	REMARKS
440								GW
015 41602	1/16/90	0710		X	Trip Blank	1	X	Cancelled
001 41588		0750		X	R. Hinrichs	2	✓	
002 41589		0820		X	Bula	2	✓	
003 41590		0850		X	Walter	2	✓	
004 41591		0915		X	Thew	2	✓	air bubbles
005 41592		0940		X	J. Hinrichs	2	✓	
006 41593		1020		X	Van Haren	2	✓	2 vials w/air
007 41594		1605		X	Sanders	2	✓	
008 41595		1650		X	Anders	2	✓	
009 41596		1657		X	Ehnert	2	✓	1 vial w/air
010 41597		1725		X	Fries	2	✓	
011 41598		1750		X	Hansen	2	✓	
012 41599	↓	1820		X	Roeder	2	✓	2 vials w/air

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Thomas J. Dunaluk	1-16-90 2000				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)		Date / Time	
		Kari-Ann Link		1/17/90 7:40	am

Remarks

PROJECT MANAGER: S. Tremont

7485

Distribution: White — Accompanies Shipment; Yellow — Laboratory File; Pink — Coordinator Field Files

No 9 01390

WARZYN

Warzyn Engineering
One Science Court
University Research Park
P.O. Box 5385
Madison, Wisconsin 53705
(608) 273-0440

CHAIN OF CUSTODY RECORD

PROJ. NO. 13928-20

PROJECT NAME Refuse Hideaway LandFill

LOCATION: Hwy 14

SAMPLERS: (Signature) Thomas J. Dwaluh

	LAB NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC's	REMARKS
013	41600	1/16/90	1900		X	Watts	2	✓	1 vial w/air GW
014	41601	↓	1930		X	Sharp	2	✓	

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Thomas J. Dwaluh	1-16-90 2000				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)		Date / Time	
		Kari-Ann Fink		1/17/90 7:40 am	

Remarks

PROJECT MANAGER: S. Tremont

7485

Distribution: White – Accompanies Shipment; Yellow — Laboratory File; Pink — Coordinator Field Files

No 9 01391

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41655
SAMPLE ID: HARE'S TOWNE BOWL

PROJECT #: 13928.20
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41656
SAMPLE ID: FULENWIDER

PROJECT #: 13928.20
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41656
SAMPLE ID: FULENWIDER

PROJECT #: 13928.20
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DAS
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41657
SAMPLE ID: TRIP BLANK

PROJECT #: 13928.20
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41657
SAMPLE ID: TRIP BLANK

PROJECT #: 13928.20
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

Warzyn Engineering Inc.
[redacted]
University Research Park
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Madison, Wisconsin 53705
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CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME	NO. OF CONTAINERS	VOC's - SW8A 5032	REMARKS
13928.20	Refuse Hideaway Landfill			
	LOCATION: Hwy 14			
SAMPLERS: (Signature) Thomas J. Dudek				GW

	LAB NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC's - SW8A 5032	REMARKS
1440									
016	41650	1/17/90	0630		X	Graedel	2	✓	
017	41651		0715		X	Benson	2	✓	2 vials w/air
023	41652		0600		X	Trip Blank	1	✓	Vial w/air
018	41653		0745		X	Tiedman	2	✓	1 vial w/air
019	41654	1/18/90	0825		X	Resident, 7440 Hwy 14	2	✓	
020	41655		0920		X	Schulenberg	2	✓	
021	41655		1120		X	Hare's Towne Bowl	2	✓	2 vials w/air
—	~~41656~~	1/18/90	1145		X	Thew DUP	2	✓	Eliminate Sample
022	41657		1625		X	Fulenwider	2	✓	

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Thomas J. Dudek	1-17-90 1700				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)		Date / Time	
		Kari Ann Fink		1/18/90 8:30	am

Remarks

PROJECT MANAGER: S. Tremont

7497

Distribution: White — Accompanies Shipment; Yellow — Laboratory File; Pink — Coordinator Field Files

No 9 01405

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41644
SAMPLE ID: STOPPLEWORTH - RAW

PROJECT #: 13928.81
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	(1)
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	9.73
1,1-Dichloroethane	0.500	2.43
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	8.03
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	BMQL
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41644
SAMPLE ID: STOPPLEWORTH - RAW

PROJECT #: 13928.81
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	17.4
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	0.765
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	2.78
Trichlorofluoromethane	0.500	1.23
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	(2)
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

(1) Sample 41644 contains a compound that elutes off of the gas chromatograph with a retention time later than Chloroethane. The result, calculated using the internal standard response is 19.5 ug/L.

(2) Sample 41644 contains a compound that elutes off of the gas chromatograph with a retention time earlier than Vinyl chloride. The result, calculated using the internal standard response is 0.507 ug/L.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41645
SAMPLE ID: STOPPLEWORTH - AFTER FIRST FILTER

PROJECT #: 13928.81
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DAS
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	(1)
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	13.0
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41645
SAMPLE ID: STOPPLEWORTH - AFTER FIRST FILTER

PROJECT #: 13928.81
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMQL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	1.82
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	(2)
o-Xylene	0.500	BMQL
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

(1) Sample 41645 contains a compound that elutes off of the gas chromatograph with a retention time later than Chloroethane. The result, calculated using the internal standard response is 10.7 ug/L..

(2) Sample 41645 contains a compound that elutes off of the gas chromatograph with a retention time earlier than Vinyl chloride. The result, calculated using the internal standard response is BMQL.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41646
SAMPLE ID: STOPPLEWORTH - AFTER SECOND FILTER

PROJECT #: 13928.81
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	(1)
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	20.1
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41646
SAMPLE ID: STOPPLEWORTH - AFTER SECOND FILTER

PROJECT #: 13928.81
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DJS
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMQL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	2.35
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	(2)
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

(1) Sample 41646 contains a compound that elutes off of the gas chromatograph with a retention time later than Chloroethane. The result, calculated using the internal standard response is 1.68 ug/L.

(2) Sample 41646 contains a compound that elutes off of the gas chromatograph with a retention time earlier than Vinyl chloride. The result, calculated using the internal standard response is BMQL.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41647
SAMPLE ID: SCHULTZ - RAW

PROJECT #: 13928.81
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	(1)
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	9.80
1,1-Dichloroethane	0.500	3.38
1,2-Dichloroethane	0.500	BMQL
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	27.3
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	1.34
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41647
SAMPLE ID: SCHULTZ - RAW

PROJECT #: 13928.81
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	17.5
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	0.739
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	8.09
Trichlorofluoromethane	0.500	1.23
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	(2)
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

(1) Sample 41647 contains a compound that elutes off of the gas chromatograph with a retention time later than Chloroethane. The result, calculated using the internal standard response is 19.0 ug/L.

(2) Sample 41647 contains a compound that elutes off of the gas chromatograph with a retention time earlier than Vinyl chloride. The result, calculated using the internal standard response is 0.842 ug/L.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41648
SAMPLE ID: SCHULTZ - AFTER FIRST FILTER

PROJECT #: 13928.81
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	4.63
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41648
SAMPLE ID: SCHULTZ - AFTER FIRST FILTER

PROJECT #: 13928.81
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMQL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	(2)
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

(2) Sample 41648 contains a compound that elutes off of the gas chromatograph with a retention time earlier than Vinyl chloride. The result, calculated using the internal standard response is BMQL.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41649
SAMPLE ID: SCHULTZ - AFTER SECOND FILTER

PROJECT #: 13928.81
DATE SAMPLED: 1/17/90
CK'D:BJC APP'D:DAS
DATE ISSUED:2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	4.10
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41649
SAMPLE ID: SCHULTZ - AFTER SECOND FILTER

PROJECT #: 13928.81
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	BMQL
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	(2)
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

(2) Sample 41649 contains a compound that elutes off of the gas chromatograph with a retention time earlier than Vinyl chloride. The result, calculated using the internal standard response is BMQL.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

WARZYN

Warzyn Engineering Inc.
…ience
University Research Park
P.O. Box 5385
Madison, Wisconsin 53705
(608) 273-0440

CHAIN OF CUSTODY RECORD

PROJ. NO. 13928.81

PROJECT NAME: Refuse Hideaway LandFill

LOCATION: Hwy 14

SAMPLERS: *(Signature)* Thomas J. Dushek

NO. OF CONTAINERS

VOC's (SDWA)

REMARKS GW

449	LAB NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOC's (SDWA)	Meter Readings Start	Meter Readings End
001	41644	1/17/90	1000		X	Stoppleworth - Raw	2	✓	~~49~~	
002	41645	↓	0950		X	Stopple worth - After First Filter	2	✓	49681	49698
003	41646		0953		X	Stopple worth - After Second Filter	2	✓	↓	↓
004	41647		1027		X	Schultz - Raw	2	✓		
005	41648		1033		X	Schultz - After First Filter	2	✓	33142	33208
006	41649	↓	1040		X	Schultz - After Second Filter	2	✓	↓	↓

Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*
Thomas J. Dushek	1-17-90 1700				
Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*
Relinquished by: *(Signature)*	Date / Time	Received for Laboratory by: *(Signature)* Kari-Ann Fink		Date / Time 1/17/90 8:15 am	

Remarks

PROJECT MANAGER: S. Tremont

7496

Distribution: White — Accompanies Shipment; Yellow — Laboratory File; Pink — Coordinator Field Files

№ 9 01392

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VOLATILE ORGANIC COMPOUND RESULTS
WI LAB CERTIFICATION ID#: 113138300
PROJECT: REFUSE HIDEAWAY
LOCATION: MIDDLETON, WISCONSIN
C#: 13928.20

CK'D: BJC APP'D: D/E
DATE ISSUED: 2/22/90

BMQL - DETECTED, VALUE BELOW METHOD QUANTITATION LIMIT.
X = ANALYZED, BUT NOT DETECTED.

METHOD REFERENCE: SW846, "TEST METHODS FOR EVALUATING SOLID WASTE", SEPTEMBER, 1986. METHODS 8010 AND 8020 WITH MODIFICATIONS.

COMPOUND	LIMIT OF QUANTITATION (UG/L)	547-001 THEW RETEST 2/9/90
TOLUENE	0.500	X

WARZYN

Warzy[redacted]neerin[redacted]
One Science Court
University Research Park
P.O. Box 5385
Madison, Wisconsin 53705
(608) 273-0440

CHAIN OF CUSTODY RECORD

PROJ. NO. 13928.20

PROJECT NAME: Refuse Hideaway

LOCATION: Middleton, WI

SAMPLERS: *(Signature)* Steve Wickes

NO. OF CONTAINERS

VOA's SPWQ - to receive only

REMARKS: GW

LAB NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOA's SPWQ						REMARKS
547-001	2.9.90	9:20		X	Thew Retest	3	X						oxygenated sample, I did what I could to keep the bubbles out of the sample
													3 vial w/air

Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*
Steve Wickes	2.9.90				
Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*
Relinquished by: *(Signature)*	Date / Time	Received for Laboratory by: *(Signature)*		Date / Time	
		Kari-Ann Fink		2/12/90 8:00 am	

Remarks: Need results by 2.26.90 (in time for a public meeting)

PROJECT MANAGER: Steve Tennant

Distribution: White — Accompanies Shipment; Yellow — Laboratory File; Pink — Coordinator Field Files

Nº 8 3223

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41650
SAMPLE ID: GRAEDEL

PROJECT #: 13928.20
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41650
SAMPLE ID: GRAEDEL

PROJECT #: 13928.20
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DJS
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41651
SAMPLE ID: BENSON

PROJECT #: 13928.20
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41651
SAMPLE ID: BENSON

PROJECT #: 13928.20
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41652
SAMPLE ID: TIEDMAN

PROJECT #: 13928.20
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: D/E
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41652
SAMPLE ID: TIEDMAN

PROJECT #: 13928.20
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41653
SAMPLE ID: RESIDENT, 7440 HWY 14

PROJECT #: 13928.20
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41653
SAMPLE ID: RESIDENT, 7440 HWY 14

PROJECT #: 13928.20
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41654
SAMPLE ID: SCHULENBERG

PROJECT #: 13928.20
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41654
SAMPLE ID: SCHULENBERG

PROJECT #: 13928.20
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DAE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Naphthalene	0.500	
n-Propylbenzene	0.500	
Styrene	0.500	
1,1,1,2-Tetrachloroethane	0.500	
1,1,2,2-Tetrachloroethane	0.500	
Tetrachloroethene	0.500	
Toluene	0.500	
1,2,3-Trichlorobenzene	0.500	
1,2,4-Trichlorobenzene	0.500	
1,1,1-Trichloroethane	0.500	
1,1,2-Trichloroethane	0.500	
Trichloroethene	0.500	
Trichlorofluoromethane	0.500	
1,2,3-Trichloropropane	0.500	
1,2,4-Trimethylbenzene	0.500	
1,3,5-Trimethylbenzene	0.500	
Vinyl chloride	0.500	
o-Xylene	0.500	
m+p-Xylene	0.500	
cis-1,3-Dichloropropene	0.500	
trans-1,3-Dichloropropene	0.500	

BMQL - Detected, below limit of quantitation.
Blank - Analyzed, but not detected.

Method Reference: EPA,"Methods For The Determination Of Organic Compounds In Finished Drinking Water And Raw Source Water", September, 1986. Method 502.2.

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WARZYN ENGINEERING INC.
WI LAB CERTIFICATION #: 113138300

PROJECT: REFUSE HIDEAWAY LANDFILL
LOCATION: MIDDLETON, WISCONSIN
LAB NUMBER: 41655
SAMPLE ID: HARE'S TOWNE BOWL

PROJECT #: 13928.20
DATE SAMPLED: 1/17/90
CK'D: BJC APP'D: DJE
DATE ISSUED: 2/5/90

Compound (ug/L)	Limit of Quantitation	Result
Benzene	0.500	
Bromobenzene	0.500	
Bromochloromethane	0.500	
Bromodichloromethane	0.500	
Bromoform	0.500	
Bromomethane	1.00	
n-Butylbenzene	0.500	
sec-Butylbenzene	0.500	
tert-Butylbenzene	0.500	
Carbon tetrachloride	0.500	
Chlorobenzene	0.500	
Chloroethane	0.500	
Chloroform	0.500	
Chloromethane	0.500	
2-Chlorotoluene	0.500	
4-Chlorotoluene	0.500	
Dibromochloromethane	0.500	
1,2-Dibromo-3-chloropropane	1.00	
1,2-Dibromoethane	0.500	
Dibromomethane	0.500	
1,2-Dichlorobenzene	0.500	
1,3-Dichlorobenzene	0.500	
1,4-Dichlorobenzene	0.500	
Dichlorodifluoromethane	1.00	
1,1-Dichloroethane	0.500	
1,2-Dichloroethane	0.500	
1,1-Dichloroethene	0.500	
cis-1,2-Dichloroethene	0.500	
trans-1,2-Dichloroethene	0.500	
1,2-Dichloropropane	0.500	
1,3-Dichloropropane	0.500	
2,2-Dichloropropane	0.500	
1,1-Dichloropropene	0.500	
Ethyl benzene	0.500	
Hexachlorobutadiene	0.500	
Isopropylbenzene	0.500	
p-Isopropyltoluene	0.500	
Methylene chloride	0.500	