EPA Region 5 Records Ctr.
325120

REFERENCE: 64

ECHD. Fax from John Hulewicz regarding inspection information for Engineered Packaging Systems of Indiana

August 14, 2008. 14 pages

4230 Elkhart Road
Goshen, IN 46526
PHONE: (574) 875-3391
FAX: (574) 875-3376

Environmental Health Services Division, Elkhart County Health Department

Fax

To: Mark Janowski
From: John Hulewicz
Fax: 317-234-0428
Pages: _____ including this cover sheet
Phone:
Date:
Re:
CC:

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

Comments: ~~4~~ 5 ~~35~~ 12

Reference: 64

0001 A

Engineered Packaging Systems of Indiana
23665 Cooper Drive
Elkhart, IN 46514

ATTN: Kim Evans

biological & environmental control laboratories, inc.
615 front street
toledo, ohio 43605
(419) 693-6307

1632 enterprise parkway
twinsburg, ohio 44087
(216) 425-8200

sample description: Elkhart Co. Groundwater Testing - Grab - Septic Tank - 11/20/92 @ 9:25

analysis: BTEX

procedure: The sample was analyzed as outlined in US EPA "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, November, 1986, Method 8020.

results:

Benzene	less than 0.5 ug/L
Toluene	4.85 ug/L
Ethylbenzene	less than 0.5 ug/L
m-Xylene	less than 0.5 ug/L
p-Xylene	less than 0.5 ug/L
o-Xylene	4.50 ug/L

Surrogate Recovery

a,a,a-Trifluorotoluene	104%

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23665 Original

ELKHART COUNTY
GROUND WATER PROTECTION ORDINANCE
HAZARDOUS/TOXIC SUBSTANCE INVENTORY

COMPANY NAME EPS Inc.

	SUBSTANCE	LOCATION	AMT	CPCTY	CONTAINER	COMPLY
1.	waste oil	inside - eastwall	1	55gal	steel	Y
2.	motor oil	inside - eastwall	1	55gal	steel	Y
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
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23.						
24.						
25.						
26.						

Ashland / General Fiberglass

LABORATORY REPORT

Client: A&R Services
Attn: Diana Miller
P.O. Box 423
Mishawaka, IN 46544

Report#: 16878-7879

Status: Final

Project Site: 23740 Cooper Dr., Elkhart

Samples Submitted: Two waste water samples

Collected: 10-05-90 By: Client Received: 10-05-90

REPORT SUMMARY

One waste water sample was submitted for total RCRA metals, and one for volatile organic chemicals (VOC).

Total RCRA Metals: Selenium was detected at a concentration of 0.005 mg/L, which is well below the RCRA limit of 1.0 mg/l.

Volatile Organic Chemicals: The following VOCs were detected in the sample at the concentrations indicated below:

p-Isopropyltoluene	242	µg/L
Styrene	154	µg/L
1,1,2,2-Tetrachloroethane	92	µg/L

This test covers chemical contamination arising from gasoline and other fuels, dry-cleaning and paint solvents, and many other industrial solvents.

See the following pages for detailed results.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call us at (219) 233-4777.

APPROVED BY: _____ Laboratory Director DATE: 11-8-90

Client: A&R Services

Report#: 16878–7879

Site: 23740 Cooper Dr., Elkhart

Lab #: 16879

VOLATILE ORGANIC CHEMICALS, Cont.--Groundwater

Parameter	PQL	Result		
Isopropylbenzene	1.0	<	50	ug/L
p-Isopropyltoluene	1.0		242	ug/L
Methylene chloride	1.0	<	50	ug/L
Napthalene	1.0	<	50	ug/L
n-Propylbenzene	1.0	<	50	ug/L
Styrene	1.0		154	ug/L
1,1,1,2-Tetrachloroethane	1.0	<	50	ug/L
1,1,2,2-Tetrachloroethane	1.0		92	ug/L
Tetrachloroethylene	1.0	<	50	ug/L
Toluene	1.0	<	50	ug/L
1,2,3-Trichlorobenzene	1.0	<	50	ug/L
1,2,4-Trichlorobenzene	1.0	<	50	ug/L
1,1,1-Trichloroethane	0.5	<	25	ug/L
1,1,2-Trichloroethane	1.0	<	50	ug/L
Trichloroethylene	0.5	<	25	ug/L
Trichlorofluoromethane	1.0	<	50	ug/L
1,2,3-Trichloropropane	1.0	<	50	ug/L
1,2,4-Trimethylbenzene	1.0	<	50	ug/L
1,3,5-Trimethylbenzene	1.0	<	50	ug/L
Vinyl chloride	0.5	<	25	ug/L
Total Xylenes	1.0	<	50	ug/L

Surrogate Standards	Limits (%)	Recovery (%)
4-Bromofluorobenzene	74-121	97
1,2-Dichloroethane-d4	70-121	101
Toluene-d_8	81-117	100

Analyzed: 10–17–90 Analyst: J. Cook Method: 8260

Client: A&R Services

Report#: 16878-7879

Site: 23740 Cooper Dr., Elkhart

Lab #: 16879

VOLATILE ORGANIC CHEMICALS--Groundwater

Parameter	PQL	Result		
Benzene	0.5	<	25	ug/L
Bromobenzene	1.0	<	50	ug/L
Bromochloromethane	1.0	<	50	ug/L
Bromodichloromethane	0.5	<	25	ug/L
Bromoform	0.5	<	25	ug/L
Bromomethane	5.0	<	250	ug/L
n-Butylbenzene	1.0	<	50	ug/L
sec-Butylbenzene	1.0	<	50	ug/L
tert-Butylbenzene	1.0	<	50	ug/L
Carbon tetrachloride	0.5	<	25	ug/L
Chlorobenzene	1.0	<	50	ug/L
Chloroethane	50	<	2500	ug/L
Chloroform	0.5	<	25	ug/L
Chloromethane	10.0	<	500	ug/L
o-Chlorotoluene	1.0	<	50	ug/L
p-Chlorotoluene	1.0	<	50	ug/L
Dibromochloromethane	0.5	<	25	ug/L
1,2-Dibromo-3-Chloropropane	1.0	<	50	ug/L
1,2-Dibromoethane(EDB)	1.0	<	50	ug/L
Dibromomethane	1.0	<	50	ug/L
m-Dichlorobenzene	1.0	<	50	ug/L
o-Dichlorobenzene	1.0	<	50	ug/L
p-Dichlorobenzene	0.5	<	25	ug/L
Dichlorodifluoromethane	5.0	<	250	ug/L
1,1-Dichloroethane	1.0	<	50	ug/L
1,2-Dichloroethane	0.5	<	25	ug/L
1,1-Dichloroethylene	0.5	<	25	ug/L
1,2-Dichloroethylene, cis	1.0	<	50	ug/L
1,2-Dichloroethylene, trans	1.0	<	50	ug/L
1,2-Dichloropropane	1.0	<	50	ug/L
1,3-Dichloropropane	5.0	<	250	ug/L
2,2-Dichloropropane	5.0	<	250	ug/L
1,1-Dichloropropylene	5.0	<	250	ug/L
Ethylbenzene	1.0	<	50	ug/L
Hexachlorobutadine	1.0	<	50	ug/L

Continued on the following page.

9-28-93

ANALYTICAL RESULTS

CLIENT: A&R SEPTIC
ANALYSIS DATE: 6/4/93
SAMPLE DESCRIPTION: SEPTIC - GENERAL FIBERGLASS (A0676)

Volatile Organic Compound	DL ug/L	Results	Volatile Organic Compound	DL ug/L	Result
Benzene	1	N.D.	1,2-Dichloropropane	1	N.D.
Bromobenzene	1	N.D.	1,1-Dichloropropene	1	N.D.
Bromochloromethane	1	N.D.	cis-1,3-Dichloropropene	1	N.D.
Bromodichloromethane	1	N.D.	trans-1,3-Dichloropropene	1	N.D.
Bromoform	1.6	N.D.	Ethylbenzene	1	2.54
Bromomethane	1.1	N.D.	Hexachlorobutadiene	1	N.D.
n-Butylbenzene	1	N.D.	Isopropylbenzene	1	BDL
sec-Butylbenzene	1	1.31	p-Isopropyltoluene	1	6.45
tert-Butylbenzene	1	BDL	Methylene Chloride	1	1.33
Carbon Tetrachloride	1	N.D.	Naphthalene	1	BDL
Chlorobenzene	1	N.D.	n-Propylbenzene	1	N.D.
Chloroethane	1	N.D.	Styrene	1	1.29
Chloroform	1	N.D.	1,1,1,2-Tetrachloroethane	1	N.D.
Chloromethane	1	N.D.	1,1,2,2-Tetrachloroethane	1	N.D.
2-Chlorotoluene	1	N.D.	Tetrachloroethene	1	N.D.
4-Chlorotoluene	1	N.D.	Toluene	1	142
Dibromomethane	1	N.D.	1,2,3-Trichlorobenzene	1	N.D.
1,2-Dibromo-3-Chloropropane	1	N.D.	1,2,4-Trichlorobenzene	1	N.D.
1,2-Dibromoethane	1	N.D.	1,1,1-Trichloroethane	1	N.D.
Dibromomethane	2.2	N.D.	1,1,2-Trichloroethane	1	N.D.
1,2-Dichlorobenzene	1	N.D.	Trichloroethene	1	N.D.
1,3-Dichlorobenzene	1	N.D.	Trichlorofluoromethane	1	N.D.
1,4-Dichlorobenzene	1	38.7	1,2,3-Trichloropropane	1	N.D.
Dichlorodifluoromethane	1	N.D.	1,2,4-Trimethylbenzene	1	BDL
1,1-Dichlorethane	1	N.D.	1,3,5-Trimethylbenzene	1	N.D.
1,2-Dichlorethane	1	N.D.	Vinyl Chloride	1	N.D
1,1-Dichloroethene	1	N.D.	m&p-Xylenes	1	BDL
cis-1,2-Dichoroethene	1	N.D.	o- Xylenes	1	N.D.
trans-1,2-Dichloroethene	1	N.D.			
1,2-Dichloropropane	1	N.D.			
1,3-Dichloropropane	1	N.D.			

RECEIVED JUL 19 1993

Comments:

DL - Detection Limit
N.D. - Not Detected
BDL - Below Detection Limits
ug/L - Parts per Billion
* mg/L - Parts per Million

9-28-93

JAN 6 1992

LABORATORY REPORT

Client: A & R Services
Attn: Diana Miller
P.O. Box 423
Mishawaka, IN 46544

Report#: 29450

Priority: Standard Written

Status: Final

Project/Site: 23740 Cooper Dr.

Samples Submitted: One waste water sample

Copies to: None

Collected: 10-30-91 By: Client Received: 10-31-91

REPORT SUMMARY

One waste water sample was submitted for volatile organic chemicals (VOC) analysis.

The following volatile organic chemicals were detected in the water sample submitted for analysis at the concentrations indicated below:

Chloroethane		~~520~~	~~µg/L~~
p-Dichlorobenzene		~~37~~	~~µg/L~~
Styrene		~~12~~	~~µg/L~~
Toluene		~~55~~	~~µg/L~~
1,1'-Oxybisheptane	~	110	µg/L
(1-alpha-, 2-beta-, 5 alpha-)- 5-methyl-2-(1-methylethyl)-cyclohexanol	~	10	µg/L

~ Tentatively identified parameter. The concentration is estimated from the ratio of the peak area to the internal standard area.

This test covers chemical contamination arising from gasoline and other fuels, dry-cleaning and paint solvents, and many other industrial solvents.

Detailed quantitative results are presented on the following pages.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call us at (219) 233-4777.

APPROVED BY: _____ Laboratory Director DATE: 12-10-91

RECEIVED DEC 26 1991

Client: A & R Services

Report#: 29450

Site: 23740 Cooper Dr.

Lab#: 29450

VOLATILE ORGANIC CHEMICALS--Waste Water

Parameter	PQL	Results		
Benzene	0.5	<	5	µg/L
Bromobenzene	1.0	<	10	µg/L
Bromochloromethane	1.0	<	10	µg/L
Bromodichloromethane	0.5	<	5	µg/L
Bromoform	0.5	<	5	µg/L
Bromomethane	2.0	<	20	µg/L
n-Butylbenzene	1.0	<	10	µg/L
sec-Butylbenzene	1.0	<	10	µg/L
tert-Butylbenzene	1.0	<	10	µg/L
Carbon tetrachloride	0.5	<	5	µg/L
Chlorobenzene	1.0	<	10	µg/L
Chloroethane	2.0		520	µg/L
Chloroform	0.5	<	5	µg/L
Chloromethane	1.0	<	10	µg/L
o-Chlorotoluene	1.0	<	10	µg/L
p-Chlorotoluene	1.0	<	10	µg/L
Dibromochloromethane	0.5	<	5	µg/L
1,2-Dibromo-3-Chloropropane	1.0	<	10	µg/L
1,2-Dibromoethane(EDB)	1.0	<	10	µg/L
Dibromomethane	1.0	<	10	µg/L
m-Dichlorobenzene	1.0	<	10	µg/L
o-Dichlorobenzene	1.0	<	10	µg/L
p-Dichlorobenzene	0.5		37	µg/L
Dichlorodifluoromethane	1.0	<	10	µg/L
1,1-Dichloroethane	1.0	<	10	µg/L
1,2-Dichloroethane	0.5	<	10	µg/L
1,1-Dichloroethylene	0.5	<	10	µg/L
1,2-Dichloroethylene, cis	1.0	<	10	µg/L
1,2-Dichloroethylene, trans	1.0	<	10	µg/L
1,2-Dichloropropane	1.0	<	10	µg/L
1,3-Dichloropropane	1.0	<	10	µg/L
2,2-Dichloropropane	1.0	<	10	µg/L
1,1-Dichloropropylene	1.0	<	10	µg/L
1,3-Dichloropropylene, cis	1.0	<	10	µg/L
1,3-Dichloropropylene, trans	1.0	<	10	µg/L

Continued on the following page.

Client: A & R Services Report#: 29450

Site: 23740 Cooper Dr. Lab#: 29450

VOLATILE ORGANIC CHEMICALS--Waste Water, Cont.

Parameter	PQL		Results	
Ethylbenzene	1.0	<	10	µg/L
Hexachlorobutadiene	1.0	<	10	µg/L
Isopropylbenzene	1.0	<	10	µg/L
p-Isopropyltoluene	1.0	<	10	µg/L
Methylene chloride	1.0	<	10	µg/L
Napthalene	1.0	<	10	µg/L
n-Propylbenzene	1.0	<	10	µg/L
Styrene	1.0		12	µg/L
1,1,1,2-Tetrachloroethane	1.0	<	10	µg/L
1,1,2,2-Tetrachloroethane	1.0	<	10	µg/L
Tetrachloroethylene	1.0	<	10	µg/L
Toluene	1.0		66	µg/L
1,2,3-Trichlorobenzene	1.0	<	10	µg/L
1,2,4-Trichlorobenzene	1.0	<	10	µg/L
1,1,1-Trichloroethane	0.5	<	5	µg/L
1,1,2-Trichloroethane	1.0	<	10	µg/L
Trichloroethylene	0.5	<	5	µg/L
Trichlorofluoromethane	1.0	<	10	µg/L
1,2,3-Trichloropropane	1.0	<	10	µg/L
1,2,4-Trimethylbenzene	1.0	<	10	µg/L
1,3,5-Trimethylbenzene	1.0	<	10	µg/L
Vinyl chloride	0.5	<	5	µg/L
Total Xylenes	1.0	<	10	µg/L
Tentatively Identified Parameters				
1,1'-Oxybisheptane	Not applicable	~	110	µg/L
(1-alpha-, 2-beta-, 5 alpha-)- 5-methyl-2-(1-methylethyl)-cyclohexanol	Not applicable	~	10	µg/L

~ Tentatively identified parameter. The concentration is estimated from the ratio of the peak area to the internal standard area.

Results were obtained on analysis of a 1:10 dilution of the sample submitted due to the complex sample matrix. If other dilutions were required for quantitation of specific parameters, they are indicated by a (√) preceeding the results.

Surrogate Standards	Limits (%)	% Recovery 1:10
Bromofluorobenzene	86-115	101
1,2-Dichloroethane-d_4	76-114	103
Toluene - d_8	88-110	99

Analyzed: 11-13-91 Analyst: JRB Method: 8260

SAMPLE RESULTS

CLIENT SAMPLE ID: Septic
CLIENT PROJECT: Ashland
Date Collected: 5/14/99
Date Received: 5/14/99

Report Date: 5/28/99
EIS Sample No: 060122
EIS Order No: 990500130

Parameter	Results	Units	SDL	MDL	Analyst	Test Date	Method
VOLATILE ORGANICS							
Acetone	nd	µg/L	100	10	WilliamsJ	5/25/99	8260 B
Acrolein	nd	µg/L	200	20	WilliamsJ	5/25/99	8260 B
Acrylonitrile	nd	µg/L	200	20	WilliamsJ	5/25/99	8260 B
Benzene	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Bromobenzene	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Bromochloromethane	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Bromodichloromethane	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Bromoform	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Bromomethane	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Butylbenzene (normal)	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Butylbenzene (sec)	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Butylbenzene (tert)	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Carbon disulfide	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Carbon Tetrachloride	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Chlorobenzene	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Chloroethane	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Chloroform	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Chlorohexane (1)	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Chloromethane	nd	µg/L	100	10	WilliamsJ	5/25/99	8260 B
Chlorotoluene (2)	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Chlorotoluene (4)	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Cyclohexanone	nd	µg/L	1000	100	WilliamsJ	5/25/99	8260 B
Dibromo-3-chloropropane (1,2)	nd	µg/L	300	30	WilliamsJ	5/25/99	8260 B
Dibromochloromethane	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Dibromoethane (1,2)	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Dibromomethane	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Dichloro-2-butene (1,4)	nd	µg/L	300	30	WilliamsJ	5/25/99	8260 B
Dichlorobenzene (1,2)	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Dichlorobenzene (1,3)	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Dichlorobenzene (1,4)	29	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Dichlorodifluoromethane	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Dichloroethane (1,1)	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Dichloroethane (1,2)	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Dichloroethene (1,1)	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Dichloroethene (c-1,2)	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Dichloroethene (t-1,2)	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Dichlorofluoromethane	nd	µg/L	50	5	WilliamsJ	5/25/99	8260 B
Dichloropropane (1,2)	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Dichloropropane (1,3)	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Dichloropropane (2,2)	nd	µg/L	50	5	WilliamsJ	5/25/99	8260 B

SAMPLE RESULTS

CLIENT SAMPLE ID: Septic
CLIENT PROJECT: Ashland
Date Collected: 5/14/99
Date Received: 5/14/99

Report Date: 5/28/99
EIS Sample No: 060122
EIS Order No: 990500130

Parameter	Results	Units	SDL	MDL	Analyst	Test Date	Method
Dichloropropene (1,1)	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Dichloropropene (c-1,3)	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Dichloropropene (t-1,3)	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Diethyl ether	nd	µg/L	100	10	WilliamsJ	5/25/99	8260 B
Ethyl methacrylate	nd	µg/L	50	5	WilliamsJ	5/25/99	8260 B
Ethylbenzene	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Heptane (normal)	nd	µg/L	50	5	WilliamsJ	5/25/99	8260 B
Hexachlorobutadiene	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Hexanone (2-)	nd	µg/L	100	10	WilliamsJ	5/25/99	8260 B
Iodomethane	nd	µg/L	50	5	WilliamsJ	5/25/99	8260 B
Isopropylbenzene	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Isopropyltoluene (para)	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Methyl Ethyl Ketone (MEK)	nd	µg/L	100	10	WilliamsJ	5/25/99	8260 B
Methyl Isobutyl Ketone (MIBK)	nd	µg/L	100	10	WilliamsJ	5/25/99	8260 B
Methyl methacrylate	nd	µg/L	50	5	WilliamsJ	5/25/99	8260 B
Methylbutylether (tert) (MTBE)	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Methylene chloride	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Naphthalene	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Propylbenzene (normal)	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Styrene	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Tetrachloroethane (1,1,1,2)	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Tetrachloroethane (1,1,2,2)	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Tetrachloroethene	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Tetrahydrofuran	nd	µg/L	100	10	WilliamsJ	5/25/99	8260 B
Toluene	20	µg/L	10	1	WilliamsJ	5/25/99	8260 B
TPH (DRO/GRO)	nd	µg/L	2000	200	WilliamsJ	5/25/99	8260 B
Trichlorobenzene (1,2,3)	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Trichlorobenzene (1,2,4)	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Trichloroethane (1,1,1)	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Trichloroethane (1,1,2)	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Trichloroethene	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Trichlorofluoromethane	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Trichloropropane (1,2,3)	nd	µg/L	50	5	WilliamsJ	5/25/99	8260 B
Trichlorotrifluoroethane	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Trimethylbenzene (1,2,4)	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Trimethylbenzene (1,3,5)	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Vinyl acetate	nd	µg/L	100	10	WilliamsJ	5/25/99	8260 B
Vinyl Chloride	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B
Xylene (ortho)	nd	µg/L	10	1	WilliamsJ	5/25/99	8260 B
Xylenes (meta + para)	nd	µg/L	20	2	WilliamsJ	5/25/99	8260 B

QUALITY ASSURANCE / QUALITY CONTROL DATA

Method Specific Surrogate Compound Recoveries

EIS Order ID: 990500130

QUALITY CONTROL LIMITS

Normal Test	Surrogate	Methods Water	Methods Soil	QC Limits Water	QC Limits Soil
Herbicides	2,4-Dichlorophenylaceticacid(DCAA)	615 / 8151A / 515.1	8151A	15 - 135	
Pesticides / PCB	2,4,5,6-Tetrachloro-m-xylene(TCMX)	508 / 8081A / 8082 / 508	8082	22 - 135	40 - 150
Pesticides / PCB	Decachlorobiphenyl(DCB)	508 / 8081A / 508	8082	22 - 135	40 - 150
SOC (svoc)	Perylene, d12	525.2		70 - 130	
SVOC (acid)	2-Fluorophenol	625 / 8270C	8270C	21 - 100	25 - 121
SVOC (acid)	Phenol, d5	625 / 8270C	8270C	10 - 94	24 - 113
SVOC (base/neutral)	Nitrobenzene, d5	625 / 8270C	8270C	35 - 114	23 - 120
SVOC (base/neutral)	2-Fluorobiphenyl	625 / 8270C	8270C	43 - 116	30 - 115
SVOC (acid)	2,4,6-Tribromophenol	625 / 8270C	8270C	10 - 123	19 - 122
SVOC (base/neutral)	Terphenyl, d14	625 / 8270C	8270C	33 - 141	18 - 137
TPH	Styrene	8015M	8015M	30 - 70	34 - 66
VOC / BETX / TPH	1,2-Dichloroethane, d4	624 / 8260B / 524.2	8260B	76 - 114	70 - 121
VOC / BETX / TPH	Toluene, d8	624 / 8260B / 524.2	8260B	88 - 115	74 - 121
VOC / BETX / TPH	Bromofluorobenzene(BFB)	624 / 8260B / 524.2	8260B	86 - 115	74 - 121

EIS Lab No	Client Sample ID	Method	Matrix	Surrogate	%Recovery
060122	Septic	8260 B	Water(Non DW)	1,2-Dichloroethane-d4 (SS)	104
		8260 B	Water(Non DW)	4-Bromofluorobenzene (SS)	105
		8260 B	Water(Non DW)	Toluene-d8 (SS)	93

Legend: -1 = Surrogates diluted out -2 = Surrogates not used ( ) = methods with different QC Limits