



Wednesday, December 29, 2010
Analytical Results

Ed Council
LJB Engineers & Architects
3100 Research Boulevard
Dayton, OH 45420-0246
TEL: 937-259-5000
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RE: 09020 Piqua Power Plant

Work Order: 10L0495

Belmont Labs received 8 sample(s) on 12/8/2010 for the analyses presented in the following report.

Belmont Labs attests that all analytical methods were performed using acceptable methods, and that the QA/QC procedures stipulated in these methods were followed. USEPA's RCRA Program regards a statement of quality assurance as a legal means of assuring that acceptable and uniform laboratory methods and QA/QC practices were followed by the laboratory.

If you have any questions regarding the test results, please feel free to call me at (937) 832-8242.

Respectfully submitted,

Holly Green
Project Manager
VAP

Certifications:

NELAP/NELAC - #04130
Ohio EPA Drinking water - #836

VAP - #CL0032
Ohio EPA Drinking water (Micro) - #872

25 Holiday Drive * Englewood, Ohio 45322 * 1.937.832.8242 * 1.937.832.2868 Fax

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant**Lab Order:** 10L0495

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Sampled Date	Received Date
10L0495-01A	ON-1	12/3/2010 10:10:00AM	12/8/2010
10L0495-01B	ON-1	12/3/2010 10:10:00AM	12/8/2010
10L0495-02A	ON-2	12/3/2010 10:20:00AM	12/8/2010
10L0495-02B	ON-2	12/3/2010 10:20:00AM	12/8/2010
10L0495-03A	ON-3	12/3/2010 10:30:00AM	12/8/2010
10L0495-03B	ON-3	12/3/2010 10:30:00AM	12/8/2010
10L0495-03C	ON-3	12/3/2010 10:30:00AM	12/8/2010
10L0495-04A	ON-4	12/3/2010 10:40:00AM	12/8/2010
10L0495-04B	ON-4	12/3/2010 10:40:00AM	12/8/2010
10L0495-04C	ON-4	12/3/2010 10:40:00AM	12/8/2010
10L0495-05A	ON-5	12/3/2010 10:55:00AM	12/8/2010
10L0495-05B	ON-5	12/3/2010 10:55:00AM	12/8/2010
10L0495-06A	ON-6	12/3/2010 11:10:00AM	12/8/2010
10L0495-06B	ON-6	12/3/2010 11:10:00AM	12/8/2010
10L0495-07A	W-1	12/3/2010 11:30:00AM	12/8/2010
10L0495-07B	W-1	12/3/2010 11:30:00AM	12/8/2010
10L0495-07C	W-1	12/3/2010 11:30:00AM	12/8/2010
10L0495-07D	W-1	12/3/2010 11:30:00AM	12/8/2010
10L0495-07E	W-1	12/3/2010 11:30:00AM	12/8/2010
10L0495-07F	W-1	12/3/2010 11:30:00AM	12/8/2010
10L0495-08A	T.B.	12/3/2010 10:10:00AM	12/8/2010
10L0495-08B	T.B.	12/3/2010 10:10:00AM	12/8/2010

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-01
Client Sample ID: ON-1

Collection Date: 12/3/2010 10:10:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34		SW 8015		Analyst: DAG			
C10 to C20	478	11.8		mg/kg dry	1	1051242	12/28/2010 10:03:00PM
C20 to C34	BDL	590		mg/kg dry	1	1051242	12/28/2010 10:03:00PM
<i>Surrogate: o-Terphenyl</i>		88.5 %		48-115		1051242	12/28/2010 10:03:00PM
TPH GRO C6-C12		SW 8015		Analyst: EH			
Gasoline Range Organics, C6 - C12	BDL	5.79		mg/kg dry	0.98	1051302	12/16/2010 9:28:00PM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		90.0 %		60-155		1051302	12/16/2010 9:28:00PM
VOC 8260		SW 8260A		Analyst: KDS			
1,1,1,2-Tetrachloroethane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
1,1,1-Trichloroethane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
1,1,2,2-Tetrachloroethane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
1,1,2-Trichloroethane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
1,1-Dichloroethane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
1,1-Dichloroethene	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
1,1-Dichloropropene	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
1,2-Dibromoethane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
1,2-Dichloroethane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
1,2-Dichloropropane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
1,3-Dichloropropane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
2,2-Dichloropropane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
2-Butanone	BDL	0.116		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
2-Chlorotoluene	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
2-Hexanone	BDL	0.116		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
4-Chlorotoluene	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
4-Methyl-2-pentanone	BDL	0.116		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Acetone	BDL	0.290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Acetonitrile	BDL	0.232		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Acrolein	BDL	0.116		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Acrylonitrile	BDL	0.116		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Allyl chloride	BDL	0.0580		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Benzene	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Bromobenzene	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Bromochloromethane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Bromodichloromethane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Bromoform	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Bromomethane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Carbon Disulfide	BDL	0.116		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Carbon Tetrachloride	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Chlorobenzene	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Chloroethane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Chloroform	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Chloromethane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
cis-1,2-Dichloroethene	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-01
Client Sample ID: ON-1

Collection Date: 12/3/2010 10:10:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
cis-1,3-Dichloropropene	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Dibromochloromethane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Dibromomethane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Dichlorodifluoromethane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Ethylbenzene	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Iodomethane	BDL	0.0580		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Methylene Chloride	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Methyl tert-Butyl Ether	BDL	0.0580		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
m,p-Xylene	BDL	0.0580		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
n-Hexane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
o-Xylene	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Styrene	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Tetrachloroethene	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Toluene	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
trans-1,2-Dichloroethene	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
trans-1,3-Dichloropropene	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Trichloroethene	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Trichlorofluoromethane	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Vinyl Chloride	BDL	0.0290		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM
Vinyl acetate	BDL	0.0580		mg/kg dry	4.915	1051270	12/15/2010 1:13:00PM

Surrogate: 4-Bromofluorobenzene	113 %	41-140	1051270	12/15/2010 1:13:00PM
Surrogate: Dibromofluoromethane	60.3 %	33-129	1051270	12/15/2010 1:13:00PM
Surrogate: Toluene-d8	69.2 %	44-130	1051270	12/15/2010 1:13:00PM
Surrogate: 1,2-Dichloroethane-d4	57.1 %	31-123	1051270	12/15/2010 1:13:00PM

PMOIST **D 2216** **Analyst: AD**
Percent Moisture **15.3** % by Weight 1 1052172 12/21/2010 12:00:00PM

PAH_FULL_8270 **SW 8270C** **Analyst: mbg**

2-Methylnaphthalene	3.67	0.118	mg/kg dry	1	1051335	12/20/2010 7:55:00PM
Acenaphthene	0.232	0.118	mg/kg dry	1	1051335	12/20/2010 7:55:00PM
Acenaphthylene	BDL	0.118	mg/kg dry	1	1051335	12/20/2010 7:55:00PM
Anthracene	0.225	0.118	mg/kg dry	1	1051335	12/20/2010 7:55:00PM
Benz(a)anthracene	0.297	0.118	mg/kg dry	1	1051335	12/20/2010 7:55:00PM
Benzo(a)pyrene	0.194	0.118	mg/kg dry	1	1051335	12/20/2010 7:55:00PM
Benzo(b)fluoranthene	0.162	0.118	mg/kg dry	1	1051335	12/20/2010 7:55:00PM
Benzo(g,h,i)perylene	BDL	0.118	mg/kg dry	1	1051335	12/20/2010 7:55:00PM
Benzo(k)fluoranthene	BDL	0.118	mg/kg dry	1	1051335	12/20/2010 7:55:00PM
Chrysene	0.337	0.118	mg/kg dry	1	1051335	12/20/2010 7:55:00PM
Dibenz(a,h)anthracene	BDL	0.118	mg/kg dry	1	1051335	12/20/2010 7:55:00PM
Fluoranthene	0.393	0.118	mg/kg dry	1	1051335	12/20/2010 7:55:00PM
Fluorene	0.265	0.118	mg/kg dry	1	1051335	12/20/2010 7:55:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.118	mg/kg dry	1	1051335	12/20/2010 7:55:00PM
Naphthalene	2.19	0.118	mg/kg dry	1	1051335	12/20/2010 7:55:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-01
Client Sample ID: ON-1

Collection Date: 12/3/2010 10:10:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Phenanthrene	2.37	0.118		mg/kg dry	1	1051335	12/20/2010 7:55:00PM
Pyrene	0.642	0.118		mg/kg dry	1	1051335	12/20/2010 7:55:00PM
<i>Surrogate: Nitrobenzene-d5</i>		85.7 %		<i>51-126</i>		<i>1051335</i>	<i>12/20/2010 7:55:00PM</i>
<i>Surrogate: 2-Fluorobiphenyl</i>		84.8 %		<i>56-121</i>		<i>1051335</i>	<i>12/20/2010 7:55:00PM</i>
<i>Surrogate: Terphenyl-d14</i>		72.9 %		<i>40-140</i>		<i>1051335</i>	<i>12/20/2010 7:55:00PM</i>

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-02
Client Sample ID: ON-2

Collection Date: 12/3/2010 10:20:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34		SW 8015		Analyst: DAG			
C10 to C20	125	11.7		mg/kg dry	1	1051242	12/28/2010 10:28:00PM
C20 to C34	BDL	585		mg/kg dry	1	1051242	12/28/2010 10:28:00PM
<i>Surrogate: o-Terphenyl</i>		74.5 %		48-115		1051242	12/28/2010 10:28:00PM
TPH GRO C6-C12		SW 8015		Analyst: EH			
Gasoline Range Organics, C6 - C12	BDL	5.55		mg/kg dry	0.95	1051302	12/16/2010 9:58:00PM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		91.0 %		60-155		1051302	12/16/2010 9:58:00PM
VOC 8260		SW 8260A		Analyst: KDS			
1,1,1,2-Tetrachloroethane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
1,1,1-Trichloroethane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
1,1,2,2-Tetrachloroethane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
1,1,2-Trichloroethane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
1,1-Dichloroethane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
1,1-Dichloroethene	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
1,1-Dichloropropene	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
1,2-Dibromoethane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
1,2-Dichloroethane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
1,2-Dichloropropane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
1,3-Dichloropropane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
2,2-Dichloropropane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
2-Butanone	BDL	0.0581		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
2-Chlorotoluene	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
2-Hexanone	BDL	0.0581		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
4-Chlorotoluene	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
4-Methyl-2-pentanone	BDL	0.0581		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Acetone	BDL	0.145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Acetonitrile	BDL	0.116		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Acrolein	BDL	0.0581		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Acrylonitrile	BDL	0.0581		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Allyl chloride	BDL	0.0291		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Benzene	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Bromobenzene	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Bromochloromethane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Bromodichloromethane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Bromoform	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Bromomethane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Carbon Disulfide	BDL	0.0581		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Carbon Tetrachloride	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Chlorobenzene	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Chloroethane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Chloroform	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Chloromethane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
cis-1,2-Dichloroethene	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-02
Client Sample ID: ON-2

Collection Date: 12/3/2010 10:20:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
cis-1,3-Dichloropropene	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Dibromochloromethane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Dibromomethane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Dichlorodifluoromethane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Ethylbenzene	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Iodomethane	BDL	0.0291		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Methylene Chloride	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Methyl tert-Butyl Ether	BDL	0.0291		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
m,p-Xylene	BDL	0.0291		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
n-Hexane	0.0249	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
o-Xylene	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Styrene	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Tetrachloroethene	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Toluene	0.0172	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
trans-1,2-Dichloroethene	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
trans-1,3-Dichloropropene	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Trichloroethene	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Trichlorofluoromethane	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Vinyl Chloride	BDL	0.0145		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM
Vinyl acetate	BDL	0.0291		mg/kg dry	2.4864	1051256	12/14/2010 4:22:00PM

<i>Surrogate: 4-Bromofluorobenzene</i>	98.2 %			41-140	1051256	12/14/2010 4:22:00PM
<i>Surrogate: Dibromofluoromethane</i>	59.6 %			33-129	1051256	12/14/2010 4:22:00PM
<i>Surrogate: Toluene-d8</i>	71.6 %			44-130	1051256	12/14/2010 4:22:00PM
<i>Surrogate: 1,2-Dichloroethane-d4</i>	55.7 %			31-123	1051256	12/14/2010 4:22:00PM

PMOIST		D 2216		Analyst: AD			
Percent Moisture	14.5			% by Weight	1	1052172	12/21/2010 12:00:00PM

PAH_FULL_8270		SW 8270C		Analyst: mbg			
2-Methylnaphthalene	1.09	0.117		mg/kg dry	1	1051335	12/20/2010 8:19:00PM
Acenaphthene	BDL	0.117		mg/kg dry	1	1051335	12/20/2010 8:19:00PM
Acenaphthylene	BDL	0.117		mg/kg dry	1	1051335	12/20/2010 8:19:00PM
Anthracene	0.857	0.117		mg/kg dry	1	1051335	12/20/2010 8:19:00PM
Benz(a)anthracene	BDL	0.117		mg/kg dry	1	1051335	12/20/2010 8:19:00PM
Benzo(a)pyrene	BDL	0.117		mg/kg dry	1	1051335	12/20/2010 8:19:00PM
Benzo(b)fluoranthene	BDL	0.117		mg/kg dry	1	1051335	12/20/2010 8:19:00PM
Benzo(g,h,i)perylene	BDL	0.117		mg/kg dry	1	1051335	12/20/2010 8:19:00PM
Benzo(k)fluoranthene	BDL	0.117		mg/kg dry	1	1051335	12/20/2010 8:19:00PM
Chrysene	BDL	0.117		mg/kg dry	1	1051335	12/20/2010 8:19:00PM
Dibenz(a,h)anthracene	BDL	0.117		mg/kg dry	1	1051335	12/20/2010 8:19:00PM
Fluoranthene	BDL	0.117		mg/kg dry	1	1051335	12/20/2010 8:19:00PM
Fluorene	BDL	0.117		mg/kg dry	1	1051335	12/20/2010 8:19:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.117		mg/kg dry	1	1051335	12/20/2010 8:19:00PM
Naphthalene	0.277	0.117		mg/kg dry	1	1051335	12/20/2010 8:19:00PM

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-02
 Client Sample ID: ON-2

Collection Date: 12/3/2010 10:20:00AM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Phenanthrene	BDL	0.117		mg/kg dry	1	1051335	12/20/2010 8:19:00PM
Pyrene	0.172	0.117		mg/kg dry	1	1051335	12/20/2010 8:19:00PM
<i>Surrogate: Nitrobenzene-d5</i>		72.5 %		51-126		1051335	12/20/2010 8:19:00PM
<i>Surrogate: 2-Fluorobiphenyl</i>		72.0 %		56-121		1051335	12/20/2010 8:19:00PM
<i>Surrogate: Terphenyl-d14</i>		76.3 %		40-140		1051335	12/20/2010 8:19:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-03
Client Sample ID: ON-3

Collection Date: 12/3/2010 10:30:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34		SW 8015		Analyst: DAG			
C10 to C20	195	11.6		mg/kg dry	1	1051348	12/24/2010 3:12:00PM
C20 to C34	BDL	582		mg/kg dry	1	1051348	12/24/2010 3:12:00PM
<i>Surrogate: o-Terphenyl</i>		97.7 %		48-115		1051348	12/24/2010 3:12:00PM
TPH GRO C6-C12		SW 8015		Analyst: EH			
Gasoline Range Organics, C6 - C12	BDL	5.81		mg/kg dry	0.9984	1051302	12/16/2010 10:29:00PM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		90.0 %		60-155		1051302	12/16/2010 10:29:00PM
VOC 8260		SW 8260A		Analyst: KDS			
1,1,1,2-Tetrachloroethane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
1,1,1-Trichloroethane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
1,1,2,2-Tetrachloroethane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
1,1,2-Trichloroethane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
1,1-Dichloroethane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
1,1-Dichloroethene	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
1,1-Dichloropropene	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
1,2-Dibromoethane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
1,2-Dichloroethane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
1,2-Dichloropropane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
1,3-Dichloropropane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
2,2-Dichloropropane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
2-Butanone	BDL	0.0580		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
2-Chlorotoluene	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
2-Hexanone	BDL	0.0580		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
4-Chlorotoluene	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
4-Methyl-2-pentanone	BDL	0.0580		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Acetone	BDL	0.145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Acetonitrile	BDL	0.116		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Acrolein	BDL	0.0580		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Acrylonitrile	BDL	0.0580		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Allyl chloride	BDL	0.0290		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Benzene	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Bromobenzene	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Bromochloromethane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Bromodichloromethane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Bromoform	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Bromomethane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Carbon Disulfide	BDL	0.0580		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Carbon Tetrachloride	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Chlorobenzene	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Chloroethane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Chloroform	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Chloromethane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
cis-1,2-Dichloroethene	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-03
Client Sample ID: ON-3

Collection Date: 12/3/2010 10:30:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
cis-1,3-Dichloropropene	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Dibromochloromethane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Dibromomethane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Dichlorodifluoromethane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Ethylbenzene	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Iodomethane	BDL	0.0290		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Methylene Chloride	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Methyl tert-Butyl Ether	BDL	0.0290		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
m,p-Xylene	BDL	0.0290		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
n-Hexane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
o-Xylene	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Styrene	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Tetrachloroethene	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Toluene	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
trans-1,2-Dichloroethene	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
trans-1,3-Dichloropropene	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Trichloroethene	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Trichlorofluoromethane	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Vinyl Chloride	BDL	0.0145		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM
Vinyl acetate	BDL	0.0290		mg/kg dry	2.4914	1051256	12/14/2010 4:55:00PM

<i>Surrogate: 4-Bromofluorobenzene</i>	98.8 %	41-140	1051256	12/14/2010 4:55:00PM
<i>Surrogate: Dibromofluoromethane</i>	60.3 %	33-129	1051256	12/14/2010 4:55:00PM
<i>Surrogate: Toluene-d8</i>	71.4 %	44-130	1051256	12/14/2010 4:55:00PM
<i>Surrogate: 1,2-Dichloroethane-d4</i>	57.2 %	31-123	1051256	12/14/2010 4:55:00PM

PMOIST **D 2216** **Analyst: AD**
Percent Moisture **14.1** % by Weight 1 1052172 12/21/2010 12:00:00PM

PAH_FULL_8270 **SW 8270C** **Analyst: mbg**

2-Methylnaphthalene	0.405	0.116	mg/kg dry	1	1051335	12/20/2010 8:43:00PM
Acenaphthene	BDL	0.116	mg/kg dry	1	1051335	12/20/2010 8:43:00PM
Acenaphthylene	BDL	0.116	mg/kg dry	1	1051335	12/20/2010 8:43:00PM
Anthracene	0.332	0.116	mg/kg dry	1	1051335	12/20/2010 8:43:00PM
Benz(a)anthracene	BDL	0.116	mg/kg dry	1	1051335	12/20/2010 8:43:00PM
Benzo(a)pyrene	BDL	0.116	mg/kg dry	1	1051335	12/20/2010 8:43:00PM
Benzo(b)fluoranthene	BDL	0.116	mg/kg dry	1	1051335	12/20/2010 8:43:00PM
Benzo(g,h,i)perylene	BDL	0.116	mg/kg dry	1	1051335	12/20/2010 8:43:00PM
Benzo(k)fluoranthene	BDL	0.116	mg/kg dry	1	1051335	12/20/2010 8:43:00PM
Chrysene	BDL	0.116	mg/kg dry	1	1051335	12/20/2010 8:43:00PM
Dibenz(a,h)anthracene	BDL	0.116	mg/kg dry	1	1051335	12/20/2010 8:43:00PM
Fluoranthene	0.195	0.116	mg/kg dry	1	1051335	12/20/2010 8:43:00PM
Fluorene	BDL	0.116	mg/kg dry	1	1051335	12/20/2010 8:43:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.116	mg/kg dry	1	1051335	12/20/2010 8:43:00PM
Naphthalene	0.216	0.116	mg/kg dry	1	1051335	12/20/2010 8:43:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-03
Client Sample ID: ON-3

Collection Date: 12/3/2010 10:30:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Phenanthrene	BDL	0.116		mg/kg dry	1	1051335	12/20/2010 8:43:00PM
Pyrene	0.197	0.116		mg/kg dry	1	1051335	12/20/2010 8:43:00PM
<i>Surrogate: Nitrobenzene-d5</i>		84.1 %		51-126		1051335	12/20/2010 8:43:00PM
<i>Surrogate: 2-Fluorobiphenyl</i>		79.6 %		56-121		1051335	12/20/2010 8:43:00PM
<i>Surrogate: Terphenyl-d14</i>		83.5 %		40-140		1051335	12/20/2010 8:43:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-04
Client Sample ID: ON-4

Collection Date: 12/3/2010 10:40:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34		SW 8015		Analyst: DAG			
C10 to C20	276	12.3		mg/kg dry	1	1051348	12/27/2010 11:16:00AM
C20 to C34	BDL	614		mg/kg dry	1	1051348	12/27/2010 11:16:00AM
<i>Surrogate: o-Terphenyl</i>		67.8 %		48-115		1051348	12/27/2010 11:16:00AM
TPH GRO C6-C12		SW 8015		Analyst: EH			
Gasoline Range Organics, C6 - C12	BDL	10.1		mg/kg dry	1.65	1051304	12/17/2010 1:00:00AM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		88.0 %		60-155		1051304	12/17/2010 1:00:00AM
VOC 8260		SW 8260A		Analyst: KDS			
1,1,1,2-Tetrachloroethane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
1,1,1-Trichloroethane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
1,1,2,2-Tetrachloroethane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
1,1,2-Trichloroethane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
1,1-Dichloroethane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
1,1-Dichloroethene	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
1,1-Dichloropropene	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
1,2-Dibromoethane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
1,2-Dichloroethane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
1,2-Dichloropropane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
1,3-Dichloropropane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
2,2-Dichloropropane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
2-Butanone	BDL	0.0599		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
2-Chlorotoluene	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
2-Hexanone	BDL	0.0599		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
4-Chlorotoluene	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
4-Methyl-2-pentanone	BDL	0.0599		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Acetone	BDL	0.150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Acetonitrile	BDL	0.120		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Acrolein	BDL	0.0599		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Acrylonitrile	BDL	0.0599		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Allyl chloride	BDL	0.0299		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Benzene	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Bromobenzene	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Bromochloromethane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Bromodichloromethane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Bromoform	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Bromomethane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Carbon Disulfide	BDL	0.0599		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Carbon Tetrachloride	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Chlorobenzene	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Chloroethane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Chloroform	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Chloromethane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
cis-1,2-Dichloroethene	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-04
Client Sample ID: ON-4

Collection Date: 12/3/2010 10:40:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
cis-1,3-Dichloropropene	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Dibromochloromethane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Dibromomethane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Dichlorodifluoromethane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Ethylbenzene	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Iodomethane	BDL	0.0299		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Methylene Chloride	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Methyl tert-Butyl Ether	BDL	0.0299		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
m,p-Xylene	BDL	0.0299		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
n-Hexane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
o-Xylene	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Styrene	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Tetrachloroethene	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Toluene	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
trans-1,2-Dichloroethene	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
trans-1,3-Dichloropropene	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Trichloroethene	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Trichlorofluoromethane	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Vinyl Chloride	BDL	0.0150		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
Vinyl acetate	BDL	0.0299		mg/kg dry	2.4396	1051256	12/14/2010 5:27:00PM
<i>Surrogate: 4-Bromofluorobenzene</i>		95.7 %		41-140	1051256	12/14/2010 5:27:00PM	
<i>Surrogate: Dibromofluoromethane</i>		60.9 %		33-129	1051256	12/14/2010 5:27:00PM	
<i>Surrogate: Toluene-d8</i>		71.1 %		44-130	1051256	12/14/2010 5:27:00PM	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		57.1 %		31-123	1051256	12/14/2010 5:27:00PM	

PMOIST **D 2216** **Analyst: AD**
Percent Moisture **18.5** % by Weight 1 1052172 12/21/2010 12:00:00PM

PAH_FULL_8270 **SW 8270C** **Analyst: mbg**

2-Methylnaphthalene	5.22	1.23		mg/kg dry	10	1051335	12/23/2010 10:00:00PM
Acenaphthene	0.442	0.123		mg/kg dry	1	1051335	12/20/2010 9:07:00PM
Acenaphthylene	BDL	0.123		mg/kg dry	1	1051335	12/20/2010 9:07:00PM
Anthracene	4.08	1.23		mg/kg dry	10	1051335	12/23/2010 10:00:00PM
Benz(a)anthracene	0.713	0.123		mg/kg dry	1	1051335	12/20/2010 9:07:00PM
Benzo(a)pyrene	0.408	0.123		mg/kg dry	1	1051335	12/20/2010 9:07:00PM
Benzo(b)fluoranthene	0.270	0.123		mg/kg dry	1	1051335	12/20/2010 9:07:00PM
Benzo(g,h,i)perylene	BDL	0.123		mg/kg dry	1	1051335	12/20/2010 9:07:00PM
Benzo(k)fluoranthene	0.257	0.123		mg/kg dry	1	1051335	12/20/2010 9:07:00PM
Chrysene	0.708	0.123		mg/kg dry	1	1051335	12/20/2010 9:07:00PM
Dibenz(a,h)anthracene	BDL	0.123		mg/kg dry	1	1051335	12/20/2010 9:07:00PM
Fluoranthene	1.08	0.123		mg/kg dry	1	1051335	12/20/2010 9:07:00PM
Fluorene	0.415	0.123		mg/kg dry	1	1051335	12/20/2010 9:07:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.123		mg/kg dry	1	1051335	12/20/2010 9:07:00PM
Naphthalene	2.80	0.123		mg/kg dry	1	1051335	12/20/2010 9:07:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-04
Client Sample ID: ON-4

Collection Date: 12/3/2010 10:40:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Phenanthrene	0.572	0.123		mg/kg dry	1	1051335	12/20/2010 9:07:00PM
Pyrene	1.17	0.123		mg/kg dry	1	1051335	12/20/2010 9:07:00PM
<i>Surrogate: Nitrobenzene-d5</i>		78.3 %		51-126		1051335	12/20/2010 9:07:00PM
<i>Surrogate: 2-Fluorobiphenyl</i>		91.4 %		56-121		1051335	12/20/2010 9:07:00PM
<i>Surrogate: Terphenyl-d14</i>		71.3 %		40-140		1051335	12/20/2010 9:07:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-05
Client Sample ID: ON-5

Collection Date: 12/3/2010 10:55:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34		SW 8015		Analyst: DAG			
C10 to C20	40.1	11.9		mg/kg dry	1	1051348	12/27/2010 11:43:00AM
C20 to C34	BDL	597		mg/kg dry	1	1051348	12/27/2010 11:43:00AM
<i>Surrogate: o-Terphenyl</i>		86.5 %		48-115		1051348	12/27/2010 11:43:00AM
TPH GRO C6-C12		SW 8015		Analyst: EH			
Gasoline Range Organics, C6 - C12	BDL	9.85		mg/kg dry	1.65	1051304	12/17/2010 1:31:00AM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		91.0 %		60-155		1051304	12/17/2010 1:31:00AM
VOC 8260		SW 8260A		Analyst: KDS			
1,1,1,2-Tetrachloroethane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
1,1,1-Trichloroethane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
1,1,2,2-Tetrachloroethane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
1,1,2-Trichloroethane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
1,1-Dichloroethane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
1,1-Dichloroethene	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
1,1-Dichloropropene	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
1,2-Dibromoethane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
1,2-Dichloroethane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
1,2-Dichloropropane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
1,3-Dichloropropane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
2,2-Dichloropropane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
2-Butanone	BDL	0.0585		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
2-Chlorotoluene	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
2-Hexanone	BDL	0.0585		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
4-Chlorotoluene	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
4-Methyl-2-pentanone	BDL	0.0585		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Acetone	BDL	0.146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Acetonitrile	BDL	0.117		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Acrolein	BDL	0.0585		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Acrylonitrile	BDL	0.0585		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Allyl chloride	BDL	0.0292		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Benzene	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Bromobenzene	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Bromochloromethane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Bromodichloromethane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Bromoform	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Bromomethane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Carbon Disulfide	BDL	0.0585		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Carbon Tetrachloride	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Chlorobenzene	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Chloroethane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Chloroform	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Chloromethane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
cis-1,2-Dichloroethene	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-05
Client Sample ID: ON-5

Collection Date: 12/3/2010 10:55:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
cis-1,3-Dichloropropene	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Dibromochloromethane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Dibromomethane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Dichlorodifluoromethane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Ethylbenzene	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Iodomethane	BDL	0.0292		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Methylene Chloride	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Methyl tert-Butyl Ether	BDL	0.0292		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
m,p-Xylene	BDL	0.0292		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
n-Hexane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
o-Xylene	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Styrene	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Tetrachloroethene	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Toluene	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
trans-1,2-Dichloroethene	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
trans-1,3-Dichloropropene	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Trichloroethene	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Trichlorofluoromethane	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Vinyl Chloride	BDL	0.0146		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
Vinyl acetate	BDL	0.0292		mg/kg dry	2.45	1051256	12/14/2010 6:00:00PM
<i>Surrogate: 4-Bromofluorobenzene</i>		96.5 %		41-140	1051256	12/14/2010 6:00:00PM	
<i>Surrogate: Dibromofluoromethane</i>		59.7 %		33-129	1051256	12/14/2010 6:00:00PM	
<i>Surrogate: Toluene-d8</i>		73.6 %		44-130	1051256	12/14/2010 6:00:00PM	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		57.0 %		31-123	1051256	12/14/2010 6:00:00PM	

PMOIST **D 2216** **Analyst: AD**
Percent Moisture **16.2** % by Weight 1 1052172 12/21/2010 12:00:00PM

PAH_FULL_8270 **SW 8270C** **Analyst: mbg**

2-Methylnaphthalene	3.14	0.119		mg/kg dry	1	1051335	12/20/2010 9:32:00PM
Acenaphthene	0.207	0.119		mg/kg dry	1	1051335	12/20/2010 9:32:00PM
Acenaphthylene	BDL	0.119		mg/kg dry	1	1051335	12/20/2010 9:32:00PM
Anthracene	2.92	0.119		mg/kg dry	1	1051335	12/20/2010 9:32:00PM
Benz(a)anthracene	0.425	0.119		mg/kg dry	1	1051335	12/20/2010 9:32:00PM
Benzo(a)pyrene	0.243	0.119		mg/kg dry	1	1051335	12/20/2010 9:32:00PM
Benzo(b)fluoranthene	0.221	0.119		mg/kg dry	1	1051335	12/20/2010 9:32:00PM
Benzo(g,h,i)perylene	BDL	0.119		mg/kg dry	1	1051335	12/20/2010 9:32:00PM
Benzo(k)fluoranthene	0.190	0.119		mg/kg dry	1	1051335	12/20/2010 9:32:00PM
Chrysene	0.460	0.119		mg/kg dry	1	1051335	12/20/2010 9:32:00PM
Dibenz(a,h)anthracene	BDL	0.119		mg/kg dry	1	1051335	12/20/2010 9:32:00PM
Fluoranthene	0.758	0.119		mg/kg dry	1	1051335	12/20/2010 9:32:00PM
Fluorene	BDL	0.119		mg/kg dry	1	1051335	12/20/2010 9:32:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.119		mg/kg dry	1	1051335	12/20/2010 9:32:00PM
Naphthalene	1.69	0.119		mg/kg dry	1	1051335	12/20/2010 9:32:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-05
Client Sample ID: ON-5

Collection Date: 12/3/2010 10:55:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Phenanthrene	0.337	0.119		mg/kg dry	1	1051335	12/20/2010 9:32:00PM
Pyrene	0.807	0.119		mg/kg dry	1	1051335	12/20/2010 9:32:00PM
<i>Surrogate: Nitrobenzene-d5</i>		78.7 %		51-126		1051335	12/20/2010 9:32:00PM
<i>Surrogate: 2-Fluorobiphenyl</i>		81.2 %		56-121		1051335	12/20/2010 9:32:00PM
<i>Surrogate: Terphenyl-d14</i>		71.3 %		40-140		1051335	12/20/2010 9:32:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-06
Client Sample ID: ON-6

Collection Date: 12/3/2010 11:10:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34		SW 8015		Analyst: DAG			
C10 to C20	BDL	12.4		mg/kg dry	1	1051348	12/27/2010 12:10:00PM
C20 to C34	BDL	620		mg/kg dry	1	1051348	12/27/2010 12:10:00PM
<i>Surrogate: o-Terphenyl</i>		80.0 %		48-115		1051348	12/27/2010 12:10:00PM
TPH GRO C6-C12		SW 8015		Analyst: EH			
Gasoline Range Organics, C6 - C12	BDL	6.01		mg/kg dry	0.97	1051304	12/17/2010 2:01:00AM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		93.0 %		60-155		1051304	12/17/2010 2:01:00AM
VOC 8260		SW 8260A		Analyst: KDS			
1,1,1,2-Tetrachloroethane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
1,1,1-Trichloroethane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
1,1,2,2-Tetrachloroethane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
1,1,2-Trichloroethane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
1,1-Dichloroethane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
1,1-Dichloroethene	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
1,1-Dichloropropene	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
1,2-Dibromoethane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
1,2-Dichloroethane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
1,2-Dichloropropane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
1,3-Dichloropropane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
2,2-Dichloropropane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
2-Butanone	BDL	0.0612		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
2-Chlorotoluene	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
2-Hexanone	BDL	0.0612		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
4-Chlorotoluene	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
4-Methyl-2-pentanone	BDL	0.0612		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Acetone	BDL	0.153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Acetonitrile	BDL	0.122		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Acrolein	BDL	0.0612		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Acrylonitrile	BDL	0.0612		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Allyl chloride	BDL	0.0306		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Benzene	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Bromobenzene	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Bromochloromethane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Bromodichloromethane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Bromoform	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Bromomethane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Carbon Disulfide	BDL	0.0612		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Carbon Tetrachloride	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Chlorobenzene	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Chloroethane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Chloroform	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Chloromethane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
cis-1,2-Dichloroethene	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-06
Client Sample ID: ON-6

Collection Date: 12/3/2010 11:10:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
cis-1,3-Dichloropropene	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Dibromochloromethane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Dibromomethane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Dichlorodifluoromethane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Ethylbenzene	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Iodomethane	BDL	0.0306		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Methylene Chloride	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Methyl tert-Butyl Ether	BDL	0.0306		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
m,p-Xylene	BDL	0.0306		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
n-Hexane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
o-Xylene	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Styrene	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Tetrachloroethene	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Toluene	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
trans-1,2-Dichloroethene	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
trans-1,3-Dichloropropene	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Trichloroethene	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Trichlorofluoromethane	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Vinyl Chloride	BDL	0.0153		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM
Vinyl acetate	BDL	0.0306		mg/kg dry	2.4672	1051256	12/14/2010 6:32:00PM

<i>Surrogate: 4-Bromofluorobenzene</i>	98.3 %	41-140	1051256	12/14/2010 6:32:00PM
<i>Surrogate: Dibromofluoromethane</i>	59.1 %	33-129	1051256	12/14/2010 6:32:00PM
<i>Surrogate: Toluene-d8</i>	74.2 %	44-130	1051256	12/14/2010 6:32:00PM
<i>Surrogate: 1,2-Dichloroethane-d4</i>	55.4 %	31-123	1051256	12/14/2010 6:32:00PM

PMOIST **D 2216** **Analyst: AD**
Percent Moisture **19.3** % by Weight 1 1052172 12/21/2010 12:00:00PM

PAH_FULL_8270 **SW 8270C** **Analyst: mbg**

2-Methylnaphthalene	0.238	0.124	mg/kg dry	1	1051335	12/20/2010 9:56:00PM
Acenaphthene	BDL	0.124	mg/kg dry	1	1051335	12/20/2010 9:56:00PM
Acenaphthylene	BDL	0.124	mg/kg dry	1	1051335	12/20/2010 9:56:00PM
Anthracene	0.142	0.124	mg/kg dry	1	1051335	12/20/2010 9:56:00PM
Benz(a)anthracene	BDL	0.124	mg/kg dry	1	1051335	12/20/2010 9:56:00PM
Benzo(a)pyrene	BDL	0.124	mg/kg dry	1	1051335	12/20/2010 9:56:00PM
Benzo(b)fluoranthene	BDL	0.124	mg/kg dry	1	1051335	12/20/2010 9:56:00PM
Benzo(g,h,i)perylene	BDL	0.124	mg/kg dry	1	1051335	12/20/2010 9:56:00PM
Benzo(k)fluoranthene	BDL	0.124	mg/kg dry	1	1051335	12/20/2010 9:56:00PM
Chrysene	BDL	0.124	mg/kg dry	1	1051335	12/20/2010 9:56:00PM
Dibenz(a,h)anthracene	BDL	0.124	mg/kg dry	1	1051335	12/20/2010 9:56:00PM
Fluoranthene	0.145	0.124	mg/kg dry	1	1051335	12/20/2010 9:56:00PM
Fluorene	BDL	0.124	mg/kg dry	1	1051335	12/20/2010 9:56:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.124	mg/kg dry	1	1051335	12/20/2010 9:56:00PM
Naphthalene	0.156	0.124	mg/kg dry	1	1051335	12/20/2010 9:56:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-06
Client Sample ID: ON-6

Collection Date: 12/3/2010 11:10:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Phenanthrene	BDL	0.124		mg/kg dry	1	1051335	12/20/2010 9:56:00PM
Pyrene	BDL	0.124		mg/kg dry	1	1051335	12/20/2010 9:56:00PM
<i>Surrogate: Nitrobenzene-d5</i>		80.2 %			51-126	1051335	12/20/2010 9:56:00PM
<i>Surrogate: 2-Fluorobiphenyl</i>		76.6 %			56-121	1051335	12/20/2010 9:56:00PM
<i>Surrogate: Terphenyl-d14</i>		78.8 %			40-140	1051335	12/20/2010 9:56:00PM

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-07
 Client Sample ID: W-1

Collection Date: 12/3/2010 11:30:00AM
 Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
VOC 8260	SW 8260B						Analyst: KDS
1,1,1,2-Tetrachloroethane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
1,1,1-Trichloroethane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
1,1,2,2-Tetrachloroethane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
1,1,2-Trichloroethane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
1,1-Dichloroethane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
1,1-Dichloroethene	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
1,1-Dichloropropene	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
1,2-Dibromoethane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
1,2-Dichloroethane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
1,2-Dichloropropane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
1,3-Dichloropropane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
2,2-Dichloropropane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
2-Butanone	BDL	20.0		ug/L	1	1051208	12/14/2010 4:44:00PM
2-Chlorotoluene	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
2-Hexanone	BDL	20.0		ug/L	1	1051208	12/14/2010 4:44:00PM
4-Chlorotoluene	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
4-Methyl-2-pentanone	BDL	20.0		ug/L	1	1051208	12/14/2010 4:44:00PM
Acetone	BDL	20.0		ug/L	1	1051208	12/14/2010 4:44:00PM
Acetonitrile	BDL	40.0		ug/L	1	1051208	12/14/2010 4:44:00PM
Acrolein	BDL	20.0		ug/L	1	1051208	12/14/2010 4:44:00PM
Acrylonitrile	BDL	20.0		ug/L	1	1051208	12/14/2010 4:44:00PM
Allyl chloride	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Benzene	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Bromobenzene	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Bromochloromethane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Bromodichloromethane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Bromoform	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Bromomethane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Carbon Disulfide	BDL	20.0		ug/L	1	1051208	12/14/2010 4:44:00PM
Carbon Tetrachloride	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Chlorobenzene	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Chloroethane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Chloroform	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Chloromethane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
cis-1,2-Dichloroethene	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
cis-1,3-Dichloropropene	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Dibromochloromethane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Dibromomethane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Dichlorodifluoromethane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Ethylbenzene	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Iodomethane	BDL	10.0		ug/L	1	1051208	12/14/2010 4:44:00PM
Methylene Chloride	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Methyl tert-Butyl Ether	BDL	10.0		ug/L	1	1051208	12/14/2010 4:44:00PM
m,p-Xylene	BDL	10.0		ug/L	1	1051208	12/14/2010 4:44:00PM
n-Hexane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-07
Client Sample ID: W-1

Collection Date: 12/3/2010 11:30:00AM
Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
o-Xylene	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Styrene	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Tetrachloroethene	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Toluene	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
trans-1,2-Dichloroethene	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
trans-1,3-Dichloropropene	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Trichloroethene	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Trichlorofluoromethane	BDL	5.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Vinyl Chloride	BDL	1.00		ug/L	1	1051208	12/14/2010 4:44:00PM
Vinyl acetate	BDL	10.0		ug/L	1	1051208	12/14/2010 4:44:00PM
<i>Surrogate: 4-Bromofluorobenzene</i>		88.2 %			41-140	1051208	12/14/2010 4:44:00PM
<i>Surrogate: Dibromofluoromethane</i>		89.3 %			34-158	1051208	12/14/2010 4:44:00PM
<i>Surrogate: Toluene-d8</i>		97.3 %			47-147	1051208	12/14/2010 4:44:00PM
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.3 %			29-163	1051208	12/14/2010 4:44:00PM

PAH_FULL_8270

Analyst: mbg

2-Methylnaphthalene	BDL	10.0		ug/L	1	1050231	12/25/2010 1:22:00AM
Acenaphthene	BDL	10.0		ug/L	1	1050231	12/25/2010 1:22:00AM
Acenaphthylene	BDL	10.0		ug/L	1	1050231	12/25/2010 1:22:00AM
Anthracene	BDL	10.0		ug/L	1	1050231	12/25/2010 1:22:00AM
Benz(a)anthracene	BDL	0.260		ug/L	1	1050231	12/25/2010 1:22:00AM
Benzo(a)pyrene	BDL	0.200		ug/L	1	1050231	12/25/2010 1:22:00AM
Benzo(b)fluoranthene	BDL	0.170		ug/L	1	1050231	12/25/2010 1:22:00AM
Benzo(g,h,i)perylene	BDL	10.0		ug/L	1	1050231	12/25/2010 1:22:00AM
Benzo(k)fluoranthene	BDL	1.70		ug/L	1	1050231	12/25/2010 1:22:00AM
Chrysene	BDL	10.0		ug/L	1	1050231	12/25/2010 1:22:00AM
Dibenz(a,h)anthracene	BDL	0.100		ug/L	1	1050231	12/25/2010 1:22:00AM
Fluoranthene	BDL	10.0		ug/L	1	1050231	12/25/2010 1:22:00AM
Fluorene	BDL	10.0		ug/L	1	1050231	12/25/2010 1:22:00AM
Indeno(1,2,3-cd)pyrene	BDL	0.220		ug/L	1	1050231	12/25/2010 1:22:00AM
Naphthalene	BDL	1.00		ug/L	1	1050231	12/25/2010 1:22:00AM
Phenanthrene	BDL	10.0		ug/L	1	1050231	12/25/2010 1:22:00AM
Pyrene	BDL	10.0		ug/L	1	1050231	12/25/2010 1:22:00AM
<i>Surrogate: Nitrobenzene-d5</i>		71.3 %			50-125	1050231	12/25/2010 1:22:00AM
<i>Surrogate: 2-Fluorobiphenyl</i>		86.9 %			50-120	1050231	12/25/2010 1:22:00AM
<i>Surrogate: Terphenyl-d14</i>		%	S-04		30-150	1050231	12/25/2010 1:22:00AM

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-08
 Client Sample ID: T.B.

Collection Date: 12/3/2010 10:10:00AM
 Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
VOC 8260_TB	SW 8260B						Analyst: KDS
1,1,1,2-Tetrachloroethane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
1,1,1-Trichloroethane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
1,1,2,2-Tetrachloroethane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
1,1,2-Trichloroethane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
1,1-Dichloroethane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
1,1-Dichloroethene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
1,1-Dichloropropene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
1,2-Dibromoethane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
1,2-Dichloroethane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
1,2-Dichloropropane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
1,3-Dichloropropane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
2,2-Dichloropropane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
2-Butanone	BDL	20.0		ug/L	1	1051082	12/13/2010 7:01:00PM
2-Chlorotoluene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
2-Hexanone	BDL	20.0		ug/L	1	1051082	12/13/2010 7:01:00PM
4-Chlorotoluene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
4-Methyl-2-pentanone	BDL	20.0		ug/L	1	1051082	12/13/2010 7:01:00PM
Acetone	BDL	20.0		ug/L	1	1051082	12/13/2010 7:01:00PM
Acetonitrile	BDL	40.0		ug/L	1	1051082	12/13/2010 7:01:00PM
Acrolein	BDL	20.0		ug/L	1	1051082	12/13/2010 7:01:00PM
Acrylonitrile	BDL	20.0		ug/L	1	1051082	12/13/2010 7:01:00PM
Allyl chloride	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Benzene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Bromobenzene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Bromochloromethane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Bromodichloromethane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Bromoform	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Bromomethane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Carbon Disulfide	BDL	20.0		ug/L	1	1051082	12/13/2010 7:01:00PM
Carbon Tetrachloride	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Chlorobenzene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Chloroethane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Chloroform	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Chloromethane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
cis-1,2-Dichloroethene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
cis-1,3-Dichloropropene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Dibromochloromethane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Dibromomethane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Dichlorodifluoromethane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Ethylbenzene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Iodomethane	BDL	10.0		ug/L	1	1051082	12/13/2010 7:01:00PM
Methylene Chloride	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Methyl tert-Butyl Ether	BDL	10.0		ug/L	1	1051082	12/13/2010 7:01:00PM
m,p-Xylene	BDL	10.0		ug/L	1	1051082	12/13/2010 7:01:00PM
n-Butylbenzene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Lab ID: 10L0495-08
Client Sample ID: T.B.

Collection Date: 12/3/2010 10:10:00AM
Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
n-Hexane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
o-Xylene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Styrene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Tetrachloroethene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Toluene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
trans-1,2-Dichloroethene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
trans-1,3-Dichloropropene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Trichloroethene	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Trichlorofluoromethane	BDL	5.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Vinyl Chloride	BDL	1.00		ug/L	1	1051082	12/13/2010 7:01:00PM
Vinyl acetate	BDL	10.0		ug/L	1	1051082	12/13/2010 7:01:00PM
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>96.2 %</i>		<i>41-140</i>		<i>1051082</i>	<i>12/13/2010 7:01:00PM</i>
<i>Surrogate: Dibromofluoromethane</i>		<i>110 %</i>		<i>34-158</i>		<i>1051082</i>	<i>12/13/2010 7:01:00PM</i>
<i>Surrogate: Toluene-d8</i>		<i>109 %</i>		<i>47-147</i>		<i>1051082</i>	<i>12/13/2010 7:01:00PM</i>
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>96.7 %</i>		<i>29-163</i>		<i>1051082</i>	<i>12/13/2010 7:01:00PM</i>

ANALYTICAL REQUEST
CHAIN OF CUSTODY

Internal Lab
Order Number

102495

ANALYSIS REQUESTED

(Enter an "X" in the box below to indicate request and circle preservative)

INVOICE TO

Name: Mark Butler
Company: BRG
Address:
City, State, Zip:

REPORT TO

Name: Estimote
Company: LSB
Mailing Address: 3100 Newland Blvd
City, State, Zip: Dayton OH 45480
Phone No: 937-254-5167 Fax No: 254-5700

Date Results Req: Rush Charges Authorized? Fox Results:

Special Instructions: Yes No

Regulatory Type: NPDES RCRA SDWA VAP Other

Additional QC Requirements: Level 2, Level 3, Level 4 (Charges Apply)

Matrix Key: DW - Drinking Water GW - Ground Water SL - Sludge WW - Waste Water Specify Other

Number of Containers:

VOCs 8260
DAHs 8270
TPH GRO-DRO. OAO 805
~~8082 EAC~~
EAC
VAP

CLIENT SAMPLE IDENTIFICATION	Date Sampled	Time	Comp	Grab	Matrix	Number of Containers	Lab Only
ON-1	12-3-10	10:10			Soil	2	
ON-2	12-3-10	10:25			Soil	2	
ON-3	12-3-10	10:30			Soil	2	
ON-4	12-3-10	10:40			Soil	2	
ON-5	12-3-10	10:55			Soil	2	
ON-6	12-3-10	11:10			Soil	2	
W-1 (Water From under Field) TN	12-3-10	11:30			Water	2	

CHAIN OF CUSTODY (if required)

Relinquished by: [Signature] Date/Time: 12.7.10 9:10 Received by: [Signature] Date/Time: 12.8.10 0940

Relinquished by: [Signature] Date/Time: 12.7.10 9:10 Received at lab by: [Signature] Date/Time: 12.8.10 1640

Method of Shipment: BRG Cooler Temp: 10°C Custody Seals: Yes No

Sampled by: [Signature] Date: 12.3.10 Client Comments:

Please return completed form and samples to Belmont Labs • 25 Holiday Drive • Englewood, OH 45322 • 937.832.8242 • Fax 937.832.2868

DISTRIBUTION: WHITE - Laboratory YELLOW - Accounting

A & B Lino - Form #14374 9/10

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Extractable Hydrocarbons by 8015 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1051242 - PREP DRO S										
Blank (1051242-BLK1)										
Prepared: 12/16/10 Analyzed: 12/24/10										
C10 to C20	BDL	10.0	mg/kg wet							
C20 to C34	BDL	500	mg/kg wet							
Surrogate: <i>o</i> -Terphenyl	4.64		mg/kg wet	5.000		92.8	48-115			
LCS (1051242-BS1)										
Prepared: 12/16/10 Analyzed: 12/24/10										
C10 to C20	128	10.0	mg/kg wet	128.9		99.5	52-119			
Surrogate: <i>o</i> -Terphenyl	4.10		mg/kg wet	5.000		82.0	48-115			
LCS Dup (1051242-BS1)										
Prepared: 12/16/10 Analyzed: 12/24/10										
C10 to C20	151	10.0	mg/kg wet	128.9		117	52-119	16.0	11	R
Surrogate: <i>o</i> -Terphenyl	6.49		mg/kg wet	5.000		130	48-115			A-01
Batch 1051348 - PREP DRO S										
Blank (1051348-BLK1)										
Prepared: 12/17/10 Analyzed: 12/24/10										
C10 to C20	BDL	10.0	mg/kg wet							
C20 to C34	BDL	500	mg/kg wet							
Surrogate: <i>o</i> -Terphenyl	4.41		mg/kg wet	5.000		88.3	48-115			
LCS (1051348-BS1)										
Prepared: 12/17/10 Analyzed: 12/24/10										
C10 to C20	149	10.0	mg/kg wet	128.9		116	52-119			
Surrogate: <i>o</i> -Terphenyl	5.97		mg/kg wet	5.000		119	48-115			A-01a
LCS Dup (1051348-BS1)										
Prepared: 12/17/10 Analyzed: 12/24/10										
C10 to C20	129	10.0	mg/kg wet	128.9		100	52-119	14.6	11	R
Surrogate: <i>o</i> -Terphenyl	3.98		mg/kg wet	5.000		79.6	48-115			

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Petroleum Hydrocarbons by GC FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051302 - GC Prep

Blank (1051302-BLK1) Prepared & Analyzed: 12/16/10										
Gasoline Range Organics, C6 - C12	BDL	5.00	mg/kg wet							
Surrogate: a,a,a-Trifluorotoluene	0.0970		mg/L	0.1000		97.0	60-155			
LCS (1051302-BS1) Prepared & Analyzed: 12/16/10										
Gasoline Range Organics, C6 - C12	9.78	5.00	mg/kg wet	10.00		97.8	80-118			
Surrogate: a,a,a-Trifluorotoluene	0.0910		mg/L	0.1000		91.0	60-155			
LCS Dup (1051302-BSD1) Prepared & Analyzed: 12/16/10										
Gasoline Range Organics, C6 - C12	9.39	5.00	mg/kg wet	10.00		93.9	80-118	4.01	10	
Surrogate: a,a,a-Trifluorotoluene	0.0930		mg/L	0.1000		93.0	60-155			

Batch 1051304 - GC Prep

Blank (1051304-BLK1) Prepared: 12/16/10 Analyzed: 12/17/10										
Gasoline Range Organics, C6 - C12	BDL	5.00	mg/kg wet							
Surrogate: a,a,a-Trifluorotoluene	0.0860		mg/L	0.1000		86.0	60-155			
LCS (1051304-BS1) Prepared & Analyzed: 12/16/10										
Gasoline Range Organics, C6 - C12	8.71	5.00	mg/kg wet	10.00		87.1	80-118			
Surrogate: a,a,a-Trifluorotoluene	0.0890		mg/L	0.1000		89.0	60-155			
LCS Dup (1051304-BSD1) Prepared: 12/16/10 Analyzed: 12/17/10										
Gasoline Range Organics, C6 - C12	9.36	5.00	mg/kg wet	10.00		93.6	80-118	7.15	10	
Surrogate: a,a,a-Trifluorotoluene	0.0900		mg/L	0.1000		90.0	60-155			

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051082 - VOC PREP

Blank (1051082-BLK1)

Prepared & Analyzed: 12/13/10

1,1,1,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,1-Trichloroethane	BDL	5.00	ug/L							
1,1,2,2-Tetrachloroethane	BDL	5.00	ug/L							
1,1,2-Trichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethane	BDL	5.00	ug/L							
1,1-Dichloroethene	BDL	5.00	ug/L							
1,1-Dichloropropene	BDL	5.00	ug/L							
1,2-Dibromoethane	BDL	5.00	ug/L							
1,2-Dichloroethane	BDL	5.00	ug/L							
1,2-Dichloropropane	BDL	5.00	ug/L							
1,3-Dichloropropane	BDL	5.00	ug/L							
2,2-Dichloropropane	BDL	5.00	ug/L							
2-Butanone	BDL	20.0	ug/L							
2-Chlorotoluene	BDL	5.00	ug/L							
2-Hexanone	BDL	20.0	ug/L							
4-Chlorotoluene	BDL	5.00	ug/L							
4-Methyl-2-pentanone	BDL	20.0	ug/L							
Acetone	BDL	20.0	ug/L							
Acetonitrile	BDL	40.0	ug/L							
Acrolein	BDL	20.0	ug/L							
Acrylonitrile	BDL	20.0	ug/L							
Allyl chloride	BDL	5.00	ug/L							
Benzene	BDL	5.00	ug/L							
Bromobenzene	BDL	5.00	ug/L							
Bromochloromethane	BDL	5.00	ug/L							
Bromodichloromethane	BDL	5.00	ug/L							
Bromoform	BDL	5.00	ug/L							
Bromomethane	BDL	5.00	ug/L							
Carbon Disulfide	BDL	20.0	ug/L							
Carbon Tetrachloride	BDL	5.00	ug/L							
Chlorobenzene	BDL	5.00	ug/L							
Chloroethane	BDL	5.00	ug/L							
Chloroform	BDL	5.00	ug/L							
Chloromethane	BDL	5.00	ug/L							
cis-1,2-Dichloroethene	BDL	5.00	ug/L							
cis-1,3-Dichloropropene	BDL	5.00	ug/L							
Dibromochloromethane	BDL	5.00	ug/L							
Dibromomethane	BDL	5.00	ug/L							
Dichlorodifluoromethane	BDL	5.00	ug/L							
Ethylbenzene	BDL	5.00	ug/L							
Iodomethane	BDL	10.0	ug/L							
Methylene Chloride	BDL	5.00	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
m,p-Xylene	BDL	10.0	ug/L							
n-Butylbenzene	BDL	5.00	ug/L							

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051082 - VOC PREP

Blank (1051082-BLK1)

Prepared & Analyzed: 12/13/10

n-Hexane	BDL	5.00	ug/L							
o-Xylene	BDL	5.00	ug/L							
Styrene	BDL	5.00	ug/L							
Tetrachloroethene	BDL	5.00	ug/L							
Toluene	BDL	5.00	ug/L							
trans-1,2-Dichloroethene	BDL	5.00	ug/L							
trans-1,3-Dichloropropene	BDL	5.00	ug/L							
Trichloroethene	BDL	5.00	ug/L							
Trichlorofluoromethane	BDL	5.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	50.2		ug/L	50.00		100	41-140			
<i>Surrogate: Dibromofluoromethane</i>	54.1		ug/L	50.00		108	34-158			
<i>Surrogate: Toluene-d8</i>	55.8		ug/L	50.00		112	47-147			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	48.8		ug/L	50.00		97.7	29-163			

LCS (1051082-BS1)

Prepared & Analyzed: 12/13/10

1,1,1,2-Tetrachloroethane	23.6	5.00	ug/L	20.00		118	78-128			
1,1,1-Trichloroethane	24.8	5.00	ug/L	20.00		124	70-135			
1,1,2,2-Tetrachloroethane	20.9	5.00	ug/L	20.00		105	68-135			
1,1,2-Trichloroethane	21.8	5.00	ug/L	20.00		109	74-131			
1,1-Dichloroethane	22.3	5.00	ug/L	20.00		111	72-134			
1,1-Dichloroethene	21.9	5.00	ug/L	20.00		110	62-143			
1,1-Dichloropropene	23.0	5.00	ug/L	20.00		115	82-128			
1,2-Dibromoethane	21.5	5.00	ug/L	20.00		107	67-132			
1,2-Dichloroethane	23.5	5.00	ug/L	20.00		117	72-131			
1,2-Dichloropropane	22.2	5.00	ug/L	20.00		111	75-128			
1,3-Dichloropropane	21.9	5.00	ug/L	20.00		110	73-130			
2,2-Dichloropropane	26.1	5.00	ug/L	20.00		130	45-173			
2-Butanone	73.4	20.0	ug/L	80.00		91.8	42-140			
2-Chlorotoluene	23.5	5.00	ug/L	20.00		118	76-126			
2-Hexanone	84.3	20.0	ug/L	80.00		105	18-178			
4-Chlorotoluene	23.5	5.00	ug/L	20.00		118	77-132			
4-Methyl-2-pentanone	94.3	20.0	ug/L	80.00		118	42-160			
Acetone	79.6	20.0	ug/L	80.00		99.5	30-173			
Acetonitrile	22.7	40.0	ug/L	20.00		114	58-150			
Acrylonitrile	20.9	20.0	ug/L	20.00		104	64-153			
Allyl chloride	25.1	5.00	ug/L	20.00		125	67-149			
Benzene	22.4	5.00	ug/L	20.00		112	77-126			
Bromobenzene	22.7	5.00	ug/L	20.00		113	72-131			
Bromochloromethane	23.3	5.00	ug/L	20.00		117	71-135			
Bromodichloromethane	23.5	5.00	ug/L	20.00		117	78-129			
Bromoform	22.5	5.00	ug/L	20.00		113	69-135			
Bromomethane	18.2	5.00	ug/L	20.00		91.2	14-193			
Carbon Disulfide	22.3	20.0	ug/L	20.00		112	54-150			

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051082 - VOC PREP

LCS (1051082-BS1)

Prepared & Analyzed: 12/13/10

Carbon Tetrachloride	25.5	5.00	ug/L	20.00		127	67-138			
Chlorobenzene	23.4	5.00	ug/L	20.00		117	77-125			
Chloroethane	17.8	5.00	ug/L	20.00		89.2	27-170			
Chloroform	23.9	5.00	ug/L	20.00		120	73-136			
Chloromethane	17.0	5.00	ug/L	20.00		85.2	44-145			
cis-1,2-Dichloroethene	21.9	5.00	ug/L	20.00		109	77-137			
cis-1,3-Dichloropropene	23.7	5.00	ug/L	20.00		118	70-133			
Dibromochloromethane	23.7	5.00	ug/L	20.00		118	68-131			
Dibromomethane	21.6	5.00	ug/L	20.00		108	74-129			
Dichlorodifluoromethane	22.6	5.00	ug/L	20.00		113	41-145			
Ethylbenzene	23.3	5.00	ug/L	20.00		116	79-126			
Iodomethane	21.7	10.0	ug/L	20.00		109	52-150			
Methylene Chloride	21.9	5.00	ug/L	20.00		109	43-162			
Methyl tert-Butyl Ether	21.5	10.0	ug/L	20.00		108	63-134			
m,p-Xylene	48.2	10.0	ug/L	40.00		121	82-132			
n-Butylbenzene	23.1	5.00	ug/L	20.00		116	80-135			
n-Hexane	31.1	5.00	ug/L	21.20		147	10-216			
o-Xylene	23.8	5.00	ug/L	20.00		119	81-128			
Styrene	23.3	5.00	ug/L	20.00		116	81-129			
Tetrachloroethene	18.8	5.00	ug/L	20.00		94.2	43-152			
Toluene	24.0	5.00	ug/L	20.00		120	79-128			
trans-1,2-Dichloroethene	23.4	5.00	ug/L	20.00		117	60-144			
trans-1,3-Dichloropropene	24.5	5.00	ug/L	20.00		123	67-138			
Trichloroethene	24.4	5.00	ug/L	20.00		122	74-132			
Trichlorofluoromethane	25.0	5.00	ug/L	20.00		125	48-170			
Vinyl Chloride	18.1	1.00	ug/L	20.00		90.5	60-143			
Vinyl acetate	11.2	10.0	ug/L	20.00		55.8	16-196			
Surrogate: 4-Bromofluorobenzene	52.3		ug/L	50.00		105	41-140			
Surrogate: Dibromofluoromethane	51.4		ug/L	50.00		103	34-158			
Surrogate: Toluene-d8	55.5		ug/L	50.00		111	47-147			
Surrogate: 1,2-Dichloroethane-d4	45.7		ug/L	50.00		91.4	29-163			

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051082 - VOC PREP

LCS Dup (1051082-BSD1)

Prepared & Analyzed: 12/13/10

1,1,1,2-Tetrachloroethane	24.6	5.00	ug/L	20.00	123	78-128	4.40	16	
1,1,1-Trichloroethane	25.7	5.00	ug/L	20.00	129	70-135	3.60	20	
1,1,2,2-Tetrachloroethane	21.5	5.00	ug/L	20.00	107	68-135	2.59	19	
1,1,2-Trichloroethane	22.7	5.00	ug/L	20.00	114	74-131	3.90	16	
1,1-Dichloroethane	23.6	5.00	ug/L	20.00	118	72-134	5.71	19	
1,1-Dichloroethene	23.0	5.00	ug/L	20.00	115	62-143	4.94	20	
1,1-Dichloropropene	24.0	5.00	ug/L	20.00	120	82-128	4.39	18	
1,2-Dibromoethane	22.4	5.00	ug/L	20.00	112	67-132	4.42	13	
1,2-Dichloroethane	24.0	5.00	ug/L	20.00	120	72-131	2.07	16	
1,2-Dichloropropane	23.1	5.00	ug/L	20.00	115	75-128	4.11	19	
1,3-Dichloropropane	22.4	5.00	ug/L	20.00	112	73-130	2.30	13	
2,2-Dichloropropane	27.4	5.00	ug/L	20.00	137	45-173	5.01	25	
2-Butanone	72.8	20.0	ug/L	80.00	91.0	42-140	0.862	18	
2-Chlorotoluene	24.8	5.00	ug/L	20.00	124	76-126	5.42	20	
2-Hexanone	84.6	20.0	ug/L	80.00	106	18-178	0.284	17	
4-Chlorotoluene	25.1	5.00	ug/L	20.00	126	77-132	6.50	22	
4-Methyl-2-pentanone	93.4	20.0	ug/L	80.00	117	42-160	0.970	67	
Acetone	82.5	20.0	ug/L	80.00	103	30-173	3.65	24	
Acetonitrile	23.9	40.0	ug/L	20.00	120	58-150	5.06	25	
Acrylonitrile	20.6	20.0	ug/L	20.00	103	64-153	1.25	20	
Allyl chloride	25.8	5.00	ug/L	20.00	129	67-149	2.95	16	
Benzene	23.6	5.00	ug/L	20.00	118	77-126	5.30	19	
Bromobenzene	23.8	5.00	ug/L	20.00	119	72-131	4.74	20	
Bromochloromethane	24.2	5.00	ug/L	20.00	121	71-135	3.83	16	
Bromodichloromethane	24.6	5.00	ug/L	20.00	123	78-129	4.82	17	
Bromoform	23.7	5.00	ug/L	20.00	118	69-135	4.94	18	
Bromomethane	19.8	5.00	ug/L	20.00	98.9	14-193	8.16	28	
Carbon Disulfide	23.6	20.0	ug/L	20.00	118	54-150	5.70	19	
Carbon Tetrachloride	26.5	5.00	ug/L	20.00	132	67-138	3.85	21	
Chlorobenzene	24.6	5.00	ug/L	20.00	123	77-125	5.05	19	
Chloroethane	20.1	5.00	ug/L	20.00	101	27-170	12.1	64	
Chloroform	25.0	5.00	ug/L	20.00	125	73-136	4.49	19	
Chloromethane	17.9	5.00	ug/L	20.00	89.4	44-145	4.87	26	
cis-1,2-Dichloroethene	23.1	5.00	ug/L	20.00	116	77-137	5.65	17	
cis-1,3-Dichloropropene	24.5	5.00	ug/L	20.00	123	70-133	3.44	19	
Dibromochloromethane	24.6	5.00	ug/L	20.00	123	68-131	3.52	18	
Dibromomethane	22.5	5.00	ug/L	20.00	112	74-129	3.99	16	
Dichlorodifluoromethane	23.9	5.00	ug/L	20.00	119	41-145	5.60	15	
Ethylbenzene	24.6	5.00	ug/L	20.00	123	79-126	5.51	20	
Iodomethane	23.2	10.0	ug/L	20.00	116	52-150	6.67	25	
Methylene Chloride	23.1	5.00	ug/L	20.00	115	43-162	5.43	28	
Methyl tert-Butyl Ether	22.4	10.0	ug/L	20.00	112	63-134	4.14	20	
m,p-Xylene	51.1	10.0	ug/L	40.00	128	82-132	5.78	18	
n-Butylbenzene	24.2	5.00	ug/L	20.00	121	80-135	4.40	18	
n-Hexane	32.7	5.00	ug/L	21.20	154	10-216	5.17	64	

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051082 - VOC PREP

LCS Dup (1051082-BSD1)

Prepared & Analyzed: 12/13/10

o-Xylene	25.2	5.00	ug/L	20.00		126	81-128	5.92	19	
Styrene	24.3	5.00	ug/L	20.00		121	81-129	4.21	17	
Tetrachloroethene	20.4	5.00	ug/L	20.00		102	43-152	7.81	29	
Toluene	25.2	5.00	ug/L	20.00		126	79-128	4.85	19	
trans-1,2-Dichloroethene	24.6	5.00	ug/L	20.00		123	60-144	5.09	20	
trans-1,3-Dichloropropene	25.2	5.00	ug/L	20.00		126	67-138	2.69	17	
Trichloroethene	25.4	5.00	ug/L	20.00		127	74-132	3.89	20	
Trichlorofluoromethane	26.8	5.00	ug/L	20.00		134	48-170	7.00	50	
Vinyl Chloride	19.0	1.00	ug/L	20.00		95.2	60-143	5.06	19	
Vinyl acetate	11.0	10.0	ug/L	20.00		55.2	16-196	1.17	45	
Surrogate: 4-Bromofluorobenzene	55.5		ug/L	50.00		111	41-140			
Surrogate: Dibromofluoromethane	54.4		ug/L	50.00		109	34-158			
Surrogate: Toluene-d8	58.0		ug/L	50.00		116	47-147			
Surrogate: 1,2-Dichloroethane-d4	47.5		ug/L	50.00		95.0	29-163			

Batch 1051208 - VOC PREP

Blank (1051208-BLK1)

Prepared & Analyzed: 12/14/10

1,1,1,2-Tetrachloroethane	BDL	1.00	ug/L							
1,1,1-Trichloroethane	BDL	1.00	ug/L							
1,1,2,2-Tetrachloroethane	BDL	1.00	ug/L							
1,1,2-Trichloroethane	BDL	1.00	ug/L							
1,1-Dichloroethane	BDL	2.00	ug/L							
1,1-Dichloroethene	BDL	1.00	ug/L							
1,1-Dichloropropene	BDL	5.00	ug/L							
1,2-Dibromoethane	BDL	5.00	ug/L							
1,2-Dichloroethane	BDL	1.00	ug/L							
1,2-Dichloropropane	BDL	1.00	ug/L							
1,3-Dichloropropane	BDL	1.00	ug/L							
2,2-Dichloropropane	BDL	1.00	ug/L							
2-Butanone	BDL	10.0	ug/L							
2-Chlorotoluene	BDL	1.00	ug/L							
2-Hexanone	BDL	10.0	ug/L							
4-Chlorotoluene	BDL	1.00	ug/L							
4-Methyl-2-pentanone	BDL	10.0	ug/L							
Acetone	BDL	10.0	ug/L							
Acetonitrile	BDL	40.0	ug/L							
Acrolein	BDL	20.0	ug/L							
Acrylonitrile	BDL	10.0	ug/L							
Allyl chloride	BDL	1.00	ug/L							
Benzene	BDL	1.00	ug/L							
Bromobenzene	BDL	1.00	ug/L							
Bromochloromethane	BDL	1.00	ug/L							
Bromodichloromethane	BDL	1.00	ug/L							
Bromoform	BDL	1.00	ug/L							

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051208 - VOC PREP

Blank (1051208-BLK1)

Prepared & Analyzed: 12/14/10

Bromomethane	BDL	2.00	ug/L							
Carbon Disulfide	BDL	5.00	ug/L							
Carbon Tetrachloride	BDL	1.00	ug/L							
Chlorobenzene	BDL	1.00	ug/L							
Chloroethane	BDL	1.00	ug/L							
Chloroform	BDL	1.00	ug/L							
Chloromethane	BDL	1.00	ug/L							
cis-1,2-Dichloroethene	BDL	1.00	ug/L							
cis-1,3-Dichloropropene	BDL	1.00	ug/L							
Dibromochloromethane	BDL	1.00	ug/L							
Dibromomethane	BDL	1.00	ug/L							
Dichlorodifluoromethane	BDL	2.00	ug/L							
Ethylbenzene	BDL	1.00	ug/L							
Iodomethane	BDL	10.0	ug/L							
Methylene Chloride	BDL	1.00	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
m,p-Xylene	BDL	2.00	ug/L							
n-Hexane	BDL	5.00	ug/L							
o-Xylene	BDL	1.00	ug/L							
Styrene	BDL	1.00	ug/L							
Tetrachloroethene	BDL	2.00	ug/L							
Toluene	BDL	1.00	ug/L							
trans-1,2-Dichloroethene	BDL	1.00	ug/L							
trans-1,3-Dichloropropene	BDL	1.00	ug/L							
Trichloroethene	BDL	2.00	ug/L							
Trichlorofluoromethane	BDL	2.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
Surrogate: 4-Bromofluorobenzene	87.9		ug/L	100.0		87.9	41-140			
Surrogate: Dibromofluoromethane	88.7		ug/L	100.0		88.7	34-158			
Surrogate: Toluene-d8	97.6		ug/L	100.0		97.6	47-147			
Surrogate: 1,2-Dichloroethane-d4	98.8		ug/L	100.0		98.8	29-163			

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051208 - VOC PREP

LCS (1051208-BS1)

Prepared & Analyzed: 12/14/10

1,1,1,2-Tetrachloroethane	21.2	1.00	ug/L	20.00		106	78-128			
1,1,1-Trichloroethane	21.4	1.00	ug/L	20.00		107	70-135			
1,1,2,2-Tetrachloroethane	22.9	1.00	ug/L	20.00		114	68-135			
1,1,2-Trichloroethane	21.6	1.00	ug/L	20.00		108	74-131			
1,1-Dichloroethane	20.4	2.00	ug/L	20.00		102	72-134			
1,1-Dichloroethene	19.3	1.00	ug/L	20.00		96.6	62-143			
1,1-Dichloropropene	21.8	5.00	ug/L	20.00		109	82-128			
1,2-Dibromoethane	21.6	5.00	ug/L	20.00		108	67-132			
1,2-Dichloroethane	20.7	1.00	ug/L	20.00		104	72-131			
1,2-Dichloropropane	21.0	1.00	ug/L	20.00		105	75-128			
1,3-Dichloropropane	21.3	1.00	ug/L	20.00		107	73-130			
2,2-Dichloropropane	22.7	1.00	ug/L	20.00		114	45-173			
2-Butanone	73.4	10.0	ug/L	80.00		91.7	42-140			
2-Chlorotoluene	23.9	1.00	ug/L	20.00		120	76-126			
2-Hexanone	84.0	10.0	ug/L	80.00		105	18-178			
4-Chlorotoluene	21.9	1.00	ug/L	20.00		110	77-132			
4-Methyl-2-pentanone	89.7	10.0	ug/L	80.00		112	42-160			
Acetone	74.7	10.0	ug/L	80.00		93.4	30-173			
Acetonitrile	19.6	40.0	ug/L	20.00		98.2	58-150			
Acrylonitrile	20.7	10.0	ug/L	20.00		104	64-153			
Allyl chloride	21.9	1.00	ug/L	20.00		110	67-149			
Benzene	21.7	1.00	ug/L	20.00		109	77-126			
Bromobenzene	20.5	1.00	ug/L	20.00		102	72-131			
Bromochloromethane	19.4	1.00	ug/L	20.00		96.8	71-135			
Bromodichloromethane	20.7	1.00	ug/L	20.00		103	78-129			
Bromoform	20.3	1.00	ug/L	20.00		102	69-135			
Bromomethane	20.4	2.00	ug/L	20.00		102	14-193			
Carbon Disulfide	18.2	5.00	ug/L	20.00		91.2	54-150			
Carbon Tetrachloride	21.3	1.00	ug/L	20.00		107	67-138			
Chlorobenzene	22.0	1.00	ug/L	20.00		110	77-125			
Chloroethane	14.7	1.00	ug/L	20.00		73.3	27-170			
Chloroform	20.2	1.00	ug/L	20.00		101	73-136			
Chloromethane	18.8	1.00	ug/L	20.00		94.2	44-145			
cis-1,2-Dichloroethene	19.9	1.00	ug/L	20.00		99.3	77-137			
cis-1,3-Dichloropropene	22.3	1.00	ug/L	20.00		111	70-133			
Dibromochloromethane	21.1	1.00	ug/L	20.00		106	68-131			
Dibromomethane	20.1	1.00	ug/L	20.00		100	74-129			
Dichlorodifluoromethane	17.8	2.00	ug/L	20.00		89.1	41-145			
Ethylbenzene	21.6	1.00	ug/L	20.00		108	79-126			
Iodomethane	16.4	10.0	ug/L	20.00		82.0	52-150			
Methylene Chloride	20.3	1.00	ug/L	20.00		102	43-162			
Methyl tert-Butyl Ether	19.4	10.0	ug/L	20.00		96.9	63-134			
m,p-Xylene	42.1	2.00	ug/L	40.00		105	82-132			
n-Hexane	25.9	5.00	ug/L	21.20		122	10-216			
o-Xylene	21.8	1.00	ug/L	20.00		109	81-128			

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051208 - VOC PREP

LCS (1051208-BS1)

Prepared & Analyzed: 12/14/10

Styrene	22.6	1.00	ug/L	20.00		113	81-129			
Tetrachloroethene	17.5	2.00	ug/L	20.00		87.6	43-152			
Toluene	21.3	1.00	ug/L	20.00		106	79-128			
trans-1,2-Dichloroethene	21.3	1.00	ug/L	20.00		106	60-144			
trans-1,3-Dichloropropene	22.1	1.00	ug/L	20.00		110	67-138			
Trichloroethene	20.4	2.00	ug/L	20.00		102	74-132			
Trichlorofluoromethane	19.3	2.00	ug/L	20.00		96.7	48-170			
Vinyl Chloride	19.0	1.00	ug/L	20.00		95.2	60-143			
Vinyl acetate	10.2	10.0	ug/L	20.00		51.0	16-196			
Surrogate: 4-Bromofluorobenzene	87.6		ug/L	100.0		87.6	41-140			
Surrogate: Dibromofluoromethane	90.8		ug/L	100.0		90.8	34-158			
Surrogate: Toluene-d8	96.5		ug/L	100.0		96.5	47-147			
Surrogate: 1,2-Dichloroethane-d4	98.3		ug/L	100.0		98.3	29-163			

LCS Dup (1051208-BSD1)

Prepared & Analyzed: 12/14/10

1,1,1,2-Tetrachloroethane	21.8	1.00	ug/L	20.00		109	78-128	3.03	16	
1,1,1-Trichloroethane	21.3	1.00	ug/L	20.00		106	70-135	0.656	20	
1,1,2,2-Tetrachloroethane	23.6	1.00	ug/L	20.00		118	68-135	3.14	19	
1,1,2-Trichloroethane	22.3	1.00	ug/L	20.00		111	74-131	2.96	16	
1,1-Dichloroethane	21.1	2.00	ug/L	20.00		106	72-134	3.22	19	
1,1-Dichloroethene	19.4	1.00	ug/L	20.00		97.0	62-143	0.361	20	
1,1-Dichloropropene	22.2	5.00	ug/L	20.00		111	82-128	1.73	18	
1,2-Dibromoethane	21.8	5.00	ug/L	20.00		109	67-132	0.830	13	
1,2-Dichloroethane	20.7	1.00	ug/L	20.00		104	72-131	0.0483	16	
1,2-Dichloropropane	21.3	1.00	ug/L	20.00		107	75-128	1.61	19	
1,3-Dichloropropane	21.4	1.00	ug/L	20.00		107	73-130	0.608	13	
2,2-Dichloropropane	22.9	1.00	ug/L	20.00		114	45-173	0.526	25	
2-Butanone	77.0	10.0	ug/L	80.00		96.2	42-140	4.80	18	
2-Chlorotoluene	21.2	1.00	ug/L	20.00		106	76-126	11.9	20	
2-Hexanone	88.0	10.0	ug/L	80.00		110	18-178	4.65	17	
4-Chlorotoluene	22.5	1.00	ug/L	20.00		112	77-132	2.70	22	
4-Methyl-2-pentanone	94.6	10.0	ug/L	80.00		118	42-160	5.32	67	
Acetone	79.9	10.0	ug/L	80.00		99.8	30-173	6.64	24	
Acetonitrile	19.6	40.0	ug/L	20.00		98.1	58-150	0.0509	25	
Acrylonitrile	21.3	10.0	ug/L	20.00		107	64-153	3.00	20	
Allyl chloride	25.8	1.00	ug/L	20.00		129	67-149	16.3	16	R
Benzene	21.9	1.00	ug/L	20.00		110	77-126	0.963	19	
Bromobenzene	21.6	1.00	ug/L	20.00		108	72-131	4.99	20	
Bromochloromethane	20.0	1.00	ug/L	20.00		100	71-135	3.45	16	
Bromodichloromethane	21.0	1.00	ug/L	20.00		105	78-129	1.82	17	
Bromoform	21.1	1.00	ug/L	20.00		105	69-135	3.72	18	
Bromomethane	22.0	2.00	ug/L	20.00		110	14-193	7.74	28	
Carbon Disulfide	18.2	5.00	ug/L	20.00		91.2	54-150	0.110	19	
Carbon Tetrachloride	21.6	1.00	ug/L	20.00		108	67-138	1.30	21	
Chlorobenzene	22.0	1.00	ug/L	20.00		110	77-125	0.0455	19	

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051208 - VOC PREP

LCS Dup (1051208-BSD1)

Prepared & Analyzed: 12/14/10

Chloroethane	16.2	1.00	ug/L	20.00		81.0	27-170	10.0	64	
Chloroform	20.6	1.00	ug/L	20.00		103	73-136	2.31	19	
Chloromethane	20.6	1.00	ug/L	20.00		103	44-145	8.92	26	
cis-1,2-Dichloroethene	20.6	1.00	ug/L	20.00		103	77-137	3.90	17	
cis-1,3-Dichloropropene	22.6	1.00	ug/L	20.00		113	70-133	1.25	19	
Dibromochloromethane	22.2	1.00	ug/L	20.00		111	68-131	4.71	18	
Dibromomethane	20.8	1.00	ug/L	20.00		104	74-129	3.23	16	
Dichlorodifluoromethane	20.2	2.00	ug/L	20.00		101	41-145	12.4	15	
Ethylbenzene	21.9	1.00	ug/L	20.00		109	79-126	1.29	20	
Iodomethane	18.0	10.0	ug/L	20.00		90.2	52-150	9.58	25	
Methylene Chloride	21.2	1.00	ug/L	20.00		106	43-162	3.90	28	
Methyl tert-Butyl Ether	20.2	10.0	ug/L	20.00		101	63-134	3.90	20	
m,p-Xylene	42.8	2.00	ug/L	40.00		107	82-132	1.69	18	
n-Hexane	26.5	5.00	ug/L	21.20		125	10-216	2.21	64	
o-Xylene	22.4	1.00	ug/L	20.00		112	81-128	2.71	19	
Styrene	23.0	1.00	ug/L	20.00		115	81-129	1.71	17	
Tetrachloroethene	20.7	2.00	ug/L	20.00		104	43-152	16.6	29	
Toluene	21.7	1.00	ug/L	20.00		109	79-128	2.00	19	
trans-1,2-Dichloroethene	22.2	1.00	ug/L	20.00		111	60-144	3.96	20	
trans-1,3-Dichloropropene	22.2	1.00	ug/L	20.00		111	67-138	0.632	17	
Trichloroethene	20.8	2.00	ug/L	20.00		104	74-132	1.94	20	
Trichlorofluoromethane	20.1	2.00	ug/L	20.00		101	48-170	3.95	50	
Vinyl Chloride	20.6	1.00	ug/L	20.00		103	60-143	7.68	19	
Vinyl acetate	10.2	10.0	ug/L	20.00		51.0	16-196	0.0980	45	
Surrogate: 4-Bromofluorobenzene	88.6		ug/L	100.0		88.6	41-140			
Surrogate: Dibromofluoromethane	92.2		ug/L	100.0		92.2	34-158			
Surrogate: Toluene-d8	95.5		ug/L	100.0		95.5	47-147			
Surrogate: 1,2-Dichloroethane-d4	99.7		ug/L	100.0		99.7	29-163			

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260A/B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051256 - VOC PREP

Blank (1051256-BLK1)

Prepared & Analyzed: 12/14/10

1,1,1,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,1-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1,2,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,2-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethene	BDL	0.00500	mg/kg wet							
1,1-Dichloropropene	BDL	0.00500	mg/kg wet							
1,2-Dibromoethane	BDL	0.00500	mg/kg wet							
1,2-Dichloroethane	BDL	0.00500	mg/kg wet							
1,2-Dichloropropane	BDL	0.00500	mg/kg wet							
1,3-Dichloropropane	BDL	0.00500	mg/kg wet							
2,2-Dichloropropane	BDL	0.00500	mg/kg wet							
2-Butanone	BDL	0.0200	mg/kg wet							
2-Chlorotoluene	BDL	0.00500	mg/kg wet							
2-Hexanone	BDL	0.0200	mg/kg wet							
4-Chlorotoluene	BDL	0.00500	mg/kg wet							
4-Methyl-2-pentanone	BDL	0.0200	mg/kg wet							
Acetone	BDL	0.0500	mg/kg wet							
Acetonitrile	BDL	0.0400	mg/kg wet							
Acrolein	BDL	0.0200	mg/kg wet							
Acrylonitrile	BDL	0.0200	mg/kg wet							
Allyl chloride	BDL	0.0100	mg/kg wet							
Benzene	BDL	0.00500	mg/kg wet							
Bromobenzene	BDL	0.00500	mg/kg wet							
Bromochloromethane	BDL	0.00500	mg/kg wet							
Bromodichloromethane	BDL	0.00500	mg/kg wet							
Bromoform	BDL	0.00500	mg/kg wet							
Bromomethane	BDL	0.00500	mg/kg wet							
Carbon Disulfide	BDL	0.0200	mg/kg wet							
Carbon Tetrachloride	BDL	0.00500	mg/kg wet							
Chlorobenzene	BDL	0.00500	mg/kg wet							
Chloroethane	BDL	0.00500	mg/kg wet							
Chloroform	BDL	0.00500	mg/kg wet							
Chloromethane	BDL	0.00500	mg/kg wet							
cis-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							
cis-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Dibromochloromethane	BDL	0.00500	mg/kg wet							
Dibromomethane	BDL	0.00500	mg/kg wet							
Dichlorodifluoromethane	BDL	0.00500	mg/kg wet							
Ethylbenzene	BDL	0.00500	mg/kg wet							
Iodomethane	BDL	0.0100	mg/kg wet							
Methylene Chloride	BDL	0.00500	mg/kg wet							
Methyl tert-Butyl Ether	BDL	0.0100	mg/kg wet							
m,p-Xylene	BDL	0.0100	mg/kg wet							
n-Hexane	BDL	0.00500	mg/kg wet							

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260A/B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051256 - VOC PREP

Blank (1051256-BLK1)

Prepared & Analyzed: 12/14/10

o-Xylene	BDL	0.00500	mg/kg wet							
Styrene	BDL	0.00500	mg/kg wet							
Tetrachloroethene	BDL	0.00500	mg/kg wet							
Toluene	BDL	0.00500	mg/kg wet							
trans-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							
trans-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Trichloroethene	BDL	0.00500	mg/kg wet							
Trichlorofluoromethane	BDL	0.00500	mg/kg wet							
Vinyl Chloride	BDL	0.00500	mg/kg wet							
Vinyl acetate	BDL	0.0100	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	51.0		ug/L	50.00		102	41-140			
Surrogate: Dibromofluoromethane	31.6		ug/L	50.00		63.2	33-129			
Surrogate: Toluene-d8	35.9		ug/L	50.00		71.7	44-130			
Surrogate: 1,2-Dichloroethane-d4	30.1		ug/L	50.00		60.2	31-123			

LCS (1051256-BS1)

Prepared & Analyzed: 12/14/10

1,1,1,2-Tetrachloroethane	0.0189	0.00500	mg/kg wet	0.02000		94.4	69-142			
1,1,1-Trichloroethane	0.0189	0.00500	mg/kg wet	0.02000		94.6	58-127			
1,1,2,2-Tetrachloroethane	0.0198	0.00500	mg/kg wet	0.02000		99.0	74-141			
1,1,2-Trichloroethane	0.0216	0.00500	mg/kg wet	0.02000		108	73-140			
1,1-Dichloroethane	0.0189	0.00500	mg/kg wet	0.02000		94.6	60-130			
1,1-Dichloroethene	0.0175	0.00500	mg/kg wet	0.02000		87.5	62-142			
1,1-Dichloropropene	0.0197	0.00500	mg/kg wet	0.02000		98.3	63-142			
1,2-Dibromoethane	0.0195	0.00500	mg/kg wet	0.02000		97.6	72-140			
1,2-Dichloroethane	0.0206	0.00500	mg/kg wet	0.02000		103	70-142			
1,2-Dichloropropane	0.0196	0.00500	mg/kg wet	0.02000		97.9	66-139			
1,3-Dichloropropane	0.0206	0.00500	mg/kg wet	0.02000		103	75-139			
2,2-Dichloropropane	0.0200	0.00500	mg/kg wet	0.02000		100	10-180			
2-Butanone	0.0751	0.0200	mg/kg wet	0.08000		93.9	44-120			
2-Chlorotoluene	0.0187	0.00500	mg/kg wet	0.02000		93.7	69-137			
2-Hexanone	0.0913	0.0200	mg/kg wet	0.08000		114	10-172			
4-Chlorotoluene	0.0185	0.00500	mg/kg wet	0.02000		92.6	71-140			
4-Methyl-2-pentanone	0.0836	0.0200	mg/kg wet	0.08000		104	10-185			
Acetone	0.0741	0.0500	mg/kg wet	0.08000		92.6	10-229			
Acetonitrile	0.0221	0.0400	mg/kg wet	0.02000		111	35-169			
Acrylonitrile	0.0198	0.0200	mg/kg wet	0.02000		99.0	64-150			
Allyl chloride	0.0164	0.0100	mg/kg wet	0.02000		82.0	50-149			
Benzene	0.0194	0.00500	mg/kg wet	0.02000		96.8	64-138			
Bromobenzene	0.0194	0.00500	mg/kg wet	0.02000		96.8	73-140			
Bromochloromethane	0.0190	0.00500	mg/kg wet	0.02000		94.8	72-132			
Bromodichloromethane	0.0195	0.00500	mg/kg wet	0.02000		97.5	72-138			
Bromoform	0.0191	0.00500	mg/kg wet	0.02000		95.7	70-144			
Bromomethane	0.0239	0.00500	mg/kg wet	0.02000		119	10-199			
Carbon Disulfide	0.0135	0.0200	mg/kg wet	0.02000		67.4	38-148			
Carbon Tetrachloride	0.0970	0.00500	mg/kg wet	0.02000		485	49-148			L

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260A/B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051256 - VOC PREP

LCS (1051256-BS1)

Prepared & Analyzed: 12/14/10

Chlorobenzene	0.0191	0.00500	mg/kg wet	0.02000		95.6	70-135			
Chloroethane	0.0234	0.00500	mg/kg wet	0.02000		117	17-186			
Chloroform	0.0190	0.00500	mg/kg wet	0.02000		95.0	64-134			
Chloromethane	0.0236	0.00500	mg/kg wet	0.02000		118	47-143			
cis-1,2-Dichloroethene	0.0188	0.00500	mg/kg wet	0.02000		94.2	66-138			
cis-1,3-Dichloropropene	0.0206	0.00500	mg/kg wet	0.02000		103	66-141			
Dibromochloromethane	0.0191	0.00500	mg/kg wet	0.02000		95.4	70-139			
Dibromomethane	0.0202	0.00500	mg/kg wet	0.02000		101	76-135			
Dichlorodifluoromethane	0.0230	0.00500	mg/kg wet	0.02000		115	20-181			
Ethylbenzene	0.0186	0.00500	mg/kg wet	0.02000		92.8	71-134			
Iodomethane	0.0184	0.0100	mg/kg wet	0.02000		92.1	13-162			
Methylene Chloride	0.0154	0.00500	mg/kg wet	0.02000		76.8	10-195			
Methyl tert-Butyl Ether	0.0188	0.0100	mg/kg wet	0.02000		93.8	54-153			
m,p-Xylene	0.0361	0.0100	mg/kg wet	0.04000		90.2	70-138			
n-Hexane	0.0172	0.00500	mg/kg wet	0.02120		81.3	10-185			
o-Xylene	0.0183	0.00500	mg/kg wet	0.02000		91.6	72-139			
Styrene	0.0184	0.00500	mg/kg wet	0.02000		92.2	71-142			
Tetrachloroethene	0.0187	0.00500	mg/kg wet	0.02000		93.4	41-161			
Toluene	0.0200	0.00500	mg/kg wet	0.02000		100	70-136			
trans-1,2-Dichloroethene	0.0181	0.00500	mg/kg wet	0.02000		90.6	36-159			
trans-1,3-Dichloropropene	0.0211	0.00500	mg/kg wet	0.02000		106	64-142			
Trichloroethene	0.0192	0.00500	mg/kg wet	0.02000		96.0	65-136			
Trichlorofluoromethane	0.0258	0.00500	mg/kg wet	0.02000		129	41-163			
Vinyl Chloride	0.0203	0.00500	mg/kg wet	0.02000		102	45-149			
Vinyl acetate	0.0107	0.0100	mg/kg wet	0.02000		53.7	10-208			
Surrogate: 4-Bromofluorobenzene	51.2		ug/L	50.00		102	41-140			
Surrogate: Dibromofluoromethane	30.8		ug/L	50.00		61.6	33-129			
Surrogate: Toluene-d8	36.6		ug/L	50.00		73.2	44-130			
Surrogate: 1,2-Dichloroethane-d4	29.0		ug/L	50.00		58.1	31-123			

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260A/B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051256 - VOC PREP

LCS Dup (1051256-BSD1)

Prepared & Analyzed: 12/14/10

1,1,1,2-Tetrachloroethane	0.0175	0.00500	mg/kg wet	0.02000		87.5	69-142	7.59	23	
1,1,1-Trichloroethane	0.0186	0.00500	mg/kg wet	0.02000		92.8	58-127	1.92	20	
1,1,2,2-Tetrachloroethane	0.0183	0.00500	mg/kg wet	0.02000		91.6	74-141	7.82	20	
1,1,2-Trichloroethane	0.0191	0.00500	mg/kg wet	0.02000		95.4	73-140	12.5	15	
1,1-Dichloroethane	0.0182	0.00500	mg/kg wet	0.02000		91.0	60-130	3.83	20	
1,1-Dichloroethene	0.0175	0.00500	mg/kg wet	0.02000		87.4	62-142	0.0572	20	
1,1-Dichloropropene	0.0188	0.00500	mg/kg wet	0.02000		94.0	63-142	4.42	24	
1,2-Dibromoethane	0.0178	0.00500	mg/kg wet	0.02000		89.2	72-140	9.00	20	
1,2-Dichloroethane	0.0192	0.00500	mg/kg wet	0.02000		96.2	70-142	6.73	18	
1,2-Dichloropropane	0.0188	0.00500	mg/kg wet	0.02000		93.9	66-139	4.17	22	
1,3-Dichloropropane	0.0192	0.00500	mg/kg wet	0.02000		95.8	75-139	7.19	17	
2,2-Dichloropropane	0.0195	0.00500	mg/kg wet	0.02000		97.4	10-180	2.68	40	
2-Butanone	0.0665	0.0200	mg/kg wet	0.08000		83.1	44-120	12.1	29	
2-Chlorotoluene	0.0176	0.00500	mg/kg wet	0.02000		88.2	69-137	6.05	30	
2-Hexanone	0.0776	0.0200	mg/kg wet	0.08000		97.0	10-172	16.3	40	
4-Chlorotoluene	0.0170	0.00500	mg/kg wet	0.02000		85.0	71-140	8.50	30	
4-Methyl-2-pentanone	0.0712	0.0200	mg/kg wet	0.08000		89.0	10-185	16.0	100	
Acetone	0.0664	0.0500	mg/kg wet	0.08000		82.9	10-229	11.0	40	
Acetonitrile	0.0199	0.0400	mg/kg wet	0.02000		99.3	35-169	10.9	69	
Acrylonitrile	0.0185	0.0200	mg/kg wet	0.02000		92.5	64-150	6.79	34	
Allyl chloride	0.0164	0.0100	mg/kg wet	0.02000		82.0	50-149	0.122	35	
Benzene	0.0187	0.00500	mg/kg wet	0.02000		93.7	64-138	3.25	25	
Bromobenzene	0.0183	0.00500	mg/kg wet	0.02000		91.6	73-140	5.47	30	
Bromochloromethane	0.0178	0.00500	mg/kg wet	0.02000		89.2	72-132	5.98	25	
Bromodichloromethane	0.0190	0.00500	mg/kg wet	0.02000		95.2	72-138	2.33	25	
Bromoform	0.0175	0.00500	mg/kg wet	0.02000		87.4	70-144	8.96	30	
Bromomethane	0.0243	0.00500	mg/kg wet	0.02000		122	10-199	1.78	40	
Carbon Disulfide	0.0136	0.0200	mg/kg wet	0.02000		68.2	38-148	1.11	36	
Carbon Tetrachloride	0.0958	0.00500	mg/kg wet	0.02000		479	49-148	1.32	34	L
Chlorobenzene	0.0181	0.00500	mg/kg wet	0.02000		90.5	70-135	5.48	21	
Chloroethane	0.0229	0.00500	mg/kg wet	0.02000		114	17-186	2.16	99	
Chloroform	0.0188	0.00500	mg/kg wet	0.02000		94.2	64-134	0.845	28	
Chloromethane	0.0230	0.00500	mg/kg wet	0.02000		115	47-143	2.71	25	
cis-1,2-Dichloroethene	0.0181	0.00500	mg/kg wet	0.02000		90.5	66-138	4.06	25	
cis-1,3-Dichloropropene	0.0191	0.00500	mg/kg wet	0.02000		95.4	66-141	7.76	25	
Dibromochloromethane	0.0176	0.00500	mg/kg wet	0.02000		88.0	70-139	8.13	25	
Dibromomethane	0.0186	0.00500	mg/kg wet	0.02000		93.0	76-135	8.20	23	
Dichlorodifluoromethane	0.0230	0.00500	mg/kg wet	0.02000		115	20-181	0.0435	34	
Ethylbenzene	0.0177	0.00500	mg/kg wet	0.02000		88.7	71-134	4.46	31	
Iodomethane	0.0181	0.0100	mg/kg wet	0.02000		90.5	13-162	1.75	31	
Methylene Chloride	0.0146	0.00500	mg/kg wet	0.02000		72.8	10-195	5.28	51	
Methyl tert-Butyl Ether	0.0181	0.0100	mg/kg wet	0.02000		90.3	54-153	3.75	35	
m,p-Xylene	0.0345	0.0100	mg/kg wet	0.04000		86.3	70-138	4.39	31	
n-Hexane	0.0168	0.00500	mg/kg wet	0.02120		79.3	10-185	2.53	60	
o-Xylene	0.0174	0.00500	mg/kg wet	0.02000		86.9	72-139	5.32	23	

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260A/B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051256 - VOC PREP

LCS Dup (1051256-BSD1)

Prepared & Analyzed: 12/14/10

Styrene	0.0173	0.00500	mg/kg wet	0.02000		86.6	71-142	6.15	22	
Tetrachloroethene	0.0177	0.00500	mg/kg wet	0.02000		88.6	41-161	5.16	40	
Toluene	0.0189	0.00500	mg/kg wet	0.02000		94.6	70-136	5.70	22	
trans-1,2-Dichloroethene	0.0183	0.00500	mg/kg wet	0.02000		91.4	36-159	0.934	24	
trans-1,3-Dichloropropene	0.0191	0.00500	mg/kg wet	0.02000		95.7	64-142	9.93	20	
Trichloroethene	0.0185	0.00500	mg/kg wet	0.02000		92.4	65-136	3.87	23	
Trichlorofluoromethane	0.0248	0.00500	mg/kg wet	0.02000		124	41-163	3.92	26	
Vinyl Chloride	0.0209	0.00500	mg/kg wet	0.02000		104	45-149	2.82	27	
Vinyl acetate	0.00967	0.0100	mg/kg wet	0.02000		48.4	10-208	10.5	77	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>51.7</i>		<i>ug/L</i>	<i>50.00</i>		<i>103</i>	<i>41-140</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>31.0</i>		<i>ug/L</i>	<i>50.00</i>		<i>62.1</i>	<i>33-129</i>			
<i>Surrogate: Toluene-d8</i>	<i>35.8</i>		<i>ug/L</i>	<i>50.00</i>		<i>71.7</i>	<i>44-130</i>			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>28.4</i>		<i>ug/L</i>	<i>50.00</i>		<i>56.8</i>	<i>31-123</i>			

Batch 1051270 - VOC PREP

Blank (1051270-BLK1)

Prepared & Analyzed: 12/15/10

1,1,1,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,1-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1,2,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,2-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethene	BDL	0.00500	mg/kg wet							
1,1-Dichloropropene	BDL	0.00500	mg/kg wet							
1,2-Dibromoethane	BDL	0.00500	mg/kg wet							
1,2-Dichloroethane	BDL	0.00500	mg/kg wet							
1,2-Dichloropropane	BDL	0.00500	mg/kg wet							
1,3-Dichloropropane	BDL	0.00500	mg/kg wet							
2,2-Dichloropropane	BDL	0.00500	mg/kg wet							
2-Butanone	BDL	0.0200	mg/kg wet							
2-Chlorotoluene	BDL	0.00500	mg/kg wet							
2-Hexanone	BDL	0.0200	mg/kg wet							
4-Chlorotoluene	BDL	0.00500	mg/kg wet							
4-Methyl-2-pentanone	BDL	0.0200	mg/kg wet							
Acetone	BDL	0.0500	mg/kg wet							
Acetonitrile	BDL	0.0400	mg/kg wet							
Acrolein	BDL	0.0200	mg/kg wet							
Acrylonitrile	BDL	0.0200	mg/kg wet							
Allyl chloride	BDL	0.0100	mg/kg wet							
Benzene	BDL	0.00500	mg/kg wet							
Bromobenzene	BDL	0.00500	mg/kg wet							
Bromochloromethane	BDL	0.00500	mg/kg wet							
Bromodichloromethane	BDL	0.00500	mg/kg wet							
Bromoform	BDL	0.00500	mg/kg wet							
Bromomethane	BDL	0.00500	mg/kg wet							

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260A/B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051270 - VOC PREP

Blank (1051270-BLK1)

Prepared & Analyzed: 12/15/10

Carbon Disulfide	BDL	0.0200	mg/kg wet							
Carbon Tetrachloride	BDL	0.00500	mg/kg wet							
Chlorobenzene	BDL	0.00500	mg/kg wet							
Chloroethane	BDL	0.00500	mg/kg wet							
Chloroform	BDL	0.00500	mg/kg wet							
Chloromethane	BDL	0.00500	mg/kg wet							
cis-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							
cis-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Dibromochloromethane	BDL	0.00500	mg/kg wet							
Dibromomethane	BDL	0.00500	mg/kg wet							
Dichlorodifluoromethane	BDL	0.00500	mg/kg wet							
Ethylbenzene	BDL	0.00500	mg/kg wet							
Iodomethane	BDL	0.0100	mg/kg wet							
Methylene Chloride	BDL	0.00500	mg/kg wet							
Methyl tert-Butyl Ether	BDL	0.0100	mg/kg wet							
m,p-Xylene	BDL	0.0100	mg/kg wet							
n-Hexane	BDL	0.00500	mg/kg wet							
o-Xylene	BDL	0.00500	mg/kg wet							
Styrene	BDL	0.00500	mg/kg wet							
Tetrachloroethene	BDL	0.00500	mg/kg wet							
Toluene	BDL	0.00500	mg/kg wet							
trans-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							
trans-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Trichloroethene	BDL	0.00500	mg/kg wet							
Trichlorofluoromethane	BDL	0.00500	mg/kg wet							
Vinyl Chloride	BDL	0.00500	mg/kg wet							
Vinyl acetate	BDL	0.0100	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	53.0		ug/L	50.00		106	41-140			
Surrogate: Dibromofluoromethane	29.0		ug/L	50.00		58.0	33-129			
Surrogate: Toluene-d8	35.3		ug/L	50.00		70.6	44-130			
Surrogate: 1,2-Dichloroethane-d4	27.4		ug/L	50.00		54.8	31-123			

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260A/B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051270 - VOC PREP

LCS (1051270-BS1)

Prepared & Analyzed: 12/15/10

1,1,1,2-Tetrachloroethane	0.0187	0.00500	mg/kg wet	0.02000		93.4	69-142			
1,1,1-Trichloroethane	0.0190	0.00500	mg/kg wet	0.02000		94.8	58-127			
1,1,2,2-Tetrachloroethane	0.0187	0.00500	mg/kg wet	0.02000		93.4	74-141			
1,1,2-Trichloroethane	0.0212	0.00500	mg/kg wet	0.02000		106	73-140			
1,1-Dichloroethane	0.0183	0.00500	mg/kg wet	0.02000		91.6	60-130			
1,1-Dichloroethene	0.0178	0.00500	mg/kg wet	0.02000		89.1	62-142			
1,1-Dichloropropene	0.0203	0.00500	mg/kg wet	0.02000		102	63-142			
1,2-Dibromoethane	0.0188	0.00500	mg/kg wet	0.02000		94.1	72-140			
1,2-Dichloroethane	0.0206	0.00500	mg/kg wet	0.02000		103	70-142			
1,2-Dichloropropane	0.0198	0.00500	mg/kg wet	0.02000		99.0	66-139			
1,3-Dichloropropane	0.0211	0.00500	mg/kg wet	0.02000		105	75-139			
2,2-Dichloropropane	0.0198	0.00500	mg/kg wet	0.02000		98.8	10-180			
2-Butanone	0.0693	0.0200	mg/kg wet	0.08000		86.6	44-120			
2-Chlorotoluene	0.0185	0.00500	mg/kg wet	0.02000		92.7	69-137			
2-Hexanone	0.0835	0.0200	mg/kg wet	0.08000		104	10-172			
4-Chlorotoluene	0.0184	0.00500	mg/kg wet	0.02000		91.9	71-140			
4-Methyl-2-pentanone	0.0786	0.0200	mg/kg wet	0.08000		98.2	10-185			
Acetone	0.0650	0.0500	mg/kg wet	0.08000		81.2	10-229			
Acetonitrile	0.0191	0.0400	mg/kg wet	0.02000		95.3	35-169			
Acrylonitrile	0.0184	0.0200	mg/kg wet	0.02000		92.2	64-150			
Allyl chloride	0.0173	0.0100	mg/kg wet	0.02000		86.4	50-149			
Benzene	0.0199	0.00500	mg/kg wet	0.02000		99.6	64-138			
Bromobenzene	0.0191	0.00500	mg/kg wet	0.02000		95.7	73-140			
Bromochloromethane	0.0192	0.00500	mg/kg wet	0.02000		95.8	72-132			
Bromodichloromethane	0.0206	0.00500	mg/kg wet	0.02000		103	72-138			
Bromoform	0.0187	0.00500	mg/kg wet	0.02000		93.6	70-144			
Bromomethane	0.0365	0.00500	mg/kg wet	0.02000		183	10-199			
Carbon Disulfide	0.0134	0.0200	mg/kg wet	0.02000		67.1	38-148			
Carbon Tetrachloride	0.0189	0.00500	mg/kg wet	0.02000		94.6	49-148			
Chlorobenzene	0.0189	0.00500	mg/kg wet	0.02000		94.6	70-135			
Chloroethane	0.0253	0.00500	mg/kg wet	0.02000		127	17-186			
Chloroform	0.0190	0.00500	mg/kg wet	0.02000		94.8	64-134			
Chloromethane	0.0287	0.00500	mg/kg wet	0.02000		144	47-143			L
cis-1,2-Dichloroethene	0.0188	0.00500	mg/kg wet	0.02000		94.2	66-138			
cis-1,3-Dichloropropene	0.0215	0.00500	mg/kg wet	0.02000		108	66-141			
Dibromochloromethane	0.0188	0.00500	mg/kg wet	0.02000		94.0	70-139			
Dibromomethane	0.0205	0.00500	mg/kg wet	0.02000		102	76-135			
Dichlorodifluoromethane	0.0316	0.00500	mg/kg wet	0.02000		158	20-181			
Ethylbenzene	0.0188	0.00500	mg/kg wet	0.02000		93.8	71-134			
Iodomethane	0.0185	0.0100	mg/kg wet	0.02000		92.6	13-162			
Methylene Chloride	0.0149	0.00500	mg/kg wet	0.02000		74.6	10-195			
Methyl tert-Butyl Ether	0.0176	0.0100	mg/kg wet	0.02000		88.2	54-153			
m,p-Xylene	0.0363	0.0100	mg/kg wet	0.04000		90.8	70-138			
n-Hexane	0.0166	0.00500	mg/kg wet	0.02120		78.4	10-185			
o-Xylene	0.0184	0.00500	mg/kg wet	0.02000		92.2	72-139			

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260A/B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051270 - VOC PREP

LCS (1051270-BS1)

Prepared & Analyzed: 12/15/10

Styrene	0.0181	0.00500	mg/kg wet	0.02000		90.7	71-142			
Tetrachloroethene	0.0188	0.00500	mg/kg wet	0.02000		94.2	41-161			
Toluene	0.0209	0.00500	mg/kg wet	0.02000		105	70-136			
trans-1,2-Dichloroethene	0.0179	0.00500	mg/kg wet	0.02000		89.5	36-159			
trans-1,3-Dichloropropene	0.0219	0.00500	mg/kg wet	0.02000		109	64-142			
Trichloroethene	0.0201	0.00500	mg/kg wet	0.02000		101	65-136			
Trichlorofluoromethane	0.0288	0.00500	mg/kg wet	0.02000		144	41-163			
Vinyl Chloride	0.0225	0.00500	mg/kg wet	0.02000		112	45-149			
Vinyl acetate	0.0102	0.0100	mg/kg wet	0.02000		50.8	10-208			
Surrogate: 4-Bromofluorobenzene	52.9		ug/L	50.00		106	41-140			
Surrogate: Dibromofluoromethane	27.8		ug/L	50.00		55.6	33-129			
Surrogate: Toluene-d8	36.0		ug/L	50.00		72.0	44-130			
Surrogate: 1,2-Dichloroethane-d4	2.49		ug/L	50.00		4.98	31-123			

LCS Dup (1051270-BSD1)

Prepared & Analyzed: 12/15/10

1,1,1,2-Tetrachloroethane	0.0204	0.00500	mg/kg wet	0.02000		102	69-142	9.10	23	
1,1,1-Trichloroethane	0.0206	0.00500	mg/kg wet	0.02000		103	58-127	8.25	20	
1,1,2,2-Tetrachloroethane	0.0204	0.00500	mg/kg wet	0.02000		102	74-141	8.90	20	
1,1,2-Trichloroethane	0.0222	0.00500	mg/kg wet	0.02000		111	73-140	4.38	15	
1,1-Dichloroethane	0.0202	0.00500	mg/kg wet	0.02000		101	60-130	10.0	20	
1,1-Dichloroethene	0.0193	0.00500	mg/kg wet	0.02000		96.4	62-142	7.82	20	
1,1-Dichloropropene	0.0216	0.00500	mg/kg wet	0.02000		108	63-142	5.78	24	
1,2-Dibromoethane	0.0209	0.00500	mg/kg wet	0.02000		104	72-140	10.5	20	
1,2-Dichloroethane	0.0220	0.00500	mg/kg wet	0.02000		110	70-142	6.72	18	
1,2-Dichloropropane	0.0210	0.00500	mg/kg wet	0.02000		105	66-139	5.98	22	
1,3-Dichloropropane	0.0225	0.00500	mg/kg wet	0.02000		113	75-139	6.65	17	
2,2-Dichloropropane	0.0209	0.00500	mg/kg wet	0.02000		105	10-180	5.60	40	
2-Butanone	0.0791	0.0200	mg/kg wet	0.08000		98.9	44-120	13.2	29	
2-Chlorotoluene	0.0199	0.00500	mg/kg wet	0.02000		99.6	69-137	7.23	30	
2-Hexanone	0.0886	0.0200	mg/kg wet	0.08000		111	10-172	6.00	40	
4-Chlorotoluene	0.0196	0.00500	mg/kg wet	0.02000		98.2	71-140	6.63	30	
4-Methyl-2-pentanone	0.0834	0.0200	mg/kg wet	0.08000		104	10-185	5.96	100	
Acetone	0.0868	0.0500	mg/kg wet	0.08000		109	10-229	28.8	40	
Acetonitrile	0.0223	0.0400	mg/kg wet	0.02000		111	35-169	15.5	69	
Acrylonitrile	0.0212	0.0200	mg/kg wet	0.02000		106	64-150	14.2	34	
Allyl chloride	0.0196	0.0100	mg/kg wet	0.02000		98.1	50-149	12.7	35	
Benzene	0.0212	0.00500	mg/kg wet	0.02000		106	64-138	6.37	25	
Bromobenzene	0.0207	0.00500	mg/kg wet	0.02000		104	73-140	7.83	30	
Bromochloromethane	0.0207	0.00500	mg/kg wet	0.02000		104	72-132	7.92	25	
Bromodichloromethane	0.0217	0.00500	mg/kg wet	0.02000		108	72-138	4.82	25	
Bromoform	0.0201	0.00500	mg/kg wet	0.02000		100	70-144	7.06	30	
Bromomethane	0.0283	0.00500	mg/kg wet	0.02000		142	10-199	25.3	40	
Carbon Disulfide	0.0146	0.0200	mg/kg wet	0.02000		73.1	38-148	8.56	36	
Carbon Tetrachloride	0.0189	0.00500	mg/kg wet	0.02000		94.6	49-148	0.0528	34	
Chlorobenzene	0.0203	0.00500	mg/kg wet	0.02000		102	70-135	7.18	21	

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Volatile Organic Compounds by EPA Method 8260A/B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051270 - VOC PREP

LCS Dup (1051270-BSD1)

Prepared & Analyzed: 12/15/10

Chloroethane	0.0268	0.00500	mg/kg wet	0.02000		134	17-186	5.67	99	
Chloroform	0.0211	0.00500	mg/kg wet	0.02000		105	64-134	10.6	28	
Chloromethane	0.0330	0.00500	mg/kg wet	0.02000		165	47-143	13.8	25	L
cis-1,2-Dichloroethene	0.0205	0.00500	mg/kg wet	0.02000		102	66-138	8.24	25	
cis-1,3-Dichloropropene	0.0231	0.00500	mg/kg wet	0.02000		115	66-141	6.99	25	
Dibromochloromethane	0.0201	0.00500	mg/kg wet	0.02000		101	70-139	6.73	25	
Dibromomethane	0.0221	0.00500	mg/kg wet	0.02000		110	76-135	7.62	23	
Dichlorodifluoromethane	0.0379	0.00500	mg/kg wet	0.02000		190	20-181	18.1	34	L
Ethylbenzene	0.0199	0.00500	mg/kg wet	0.02000		99.5	71-134	5.95	31	
Iodomethane	0.0205	0.0100	mg/kg wet	0.02000		103	13-162	10.2	31	
Methylene Chloride	0.0169	0.00500	mg/kg wet	0.02000		84.7	10-195	12.7	51	
Methyl tert-Butyl Ether	0.0203	0.0100	mg/kg wet	0.02000		102	54-153	14.1	35	
m,p-Xylene	0.0388	0.0100	mg/kg wet	0.04000		97.1	70-138	6.73	31	
n-Hexane	0.0193	0.00500	mg/kg wet	0.02120		90.8	10-185	14.7	60	
o-Xylene	0.0197	0.00500	mg/kg wet	0.02000		98.6	72-139	6.66	23	
Styrene	0.0195	0.00500	mg/kg wet	0.02000		97.4	71-142	7.07	22	
Tetrachloroethene	0.0201	0.00500	mg/kg wet	0.02000		101	41-161	6.52	40	
Toluene	0.0220	0.00500	mg/kg wet	0.02000		110	70-136	4.89	22	
trans-1,2-Dichloroethene	0.0198	0.00500	mg/kg wet	0.02000		99.3	36-159	10.3	24	
trans-1,3-Dichloropropene	0.0226	0.00500	mg/kg wet	0.02000		113	64-142	3.42	20	
Trichloroethene	0.0212	0.00500	mg/kg wet	0.02000		106	65-136	5.22	23	
Trichlorofluoromethane	0.0311	0.00500	mg/kg wet	0.02000		155	41-163	7.72	26	
Vinyl Chloride	0.0263	0.00500	mg/kg wet	0.02000		131	45-149	15.5	27	
Vinyl acetate	0.0109	0.0100	mg/kg wet	0.02000		54.4	10-208	7.03	77	
Surrogate: 4-Bromofluorobenzene	54.0		ug/L	50.00		108	41-140			
Surrogate: Dibromofluoromethane	28.4		ug/L	50.00		56.9	33-129			
Surrogate: Toluene-d8	34.7		ug/L	50.00		69.3	44-130			
Surrogate: 1,2-Dichloroethane-d4	3.32		ug/L	50.00		6.64	31-123			

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Conventional Chemistry Parameters by ASTM Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1052172 - Wet Chem Prep

Duplicate (1052172-DUP1)	Source: 10L0428-20		Prepared & Analyzed: 12/21/10							
% Solids	82.8		% by Weight		83.4			0.791	5	
Percent Moisture	17.2		% by Weight		16.6			3.89	200	
Duplicate (1052172-DUP2)	Source: 10L0782-02		Prepared & Analyzed: 12/21/10							
% Solids	21.3		% by Weight		20.9			2.08	5	
Percent Moisture	78.7		% by Weight		79.1			0.558	200	

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1050231 - PREP SVOC W

Blank (1050231-BLK1)

Prepared: 12/10/10 Analyzed: 12/15/10

2-Methylnaphthalene	BDL	10.0	ug/L							
Acenaphthene	BDL	10.0	ug/L							
Acenaphthylene	BDL	10.0	ug/L							
Anthracene	BDL	10.0	ug/L							
Benz(a)anthracene	BDL	0.260	ug/L							
Benzo(a)pyrene	BDL	0.200	ug/L							
Benzo(b)fluoranthene	BDL	0.170	ug/L							
Benzo(g,h,i)perylene	BDL	10.0	ug/L							
Benzo(k)fluoranthene	BDL	1.70	ug/L							
Chrysene	BDL	10.0	ug/L							
Dibenz(a,h)anthracene	BDL	0.100	ug/L							
Fluoranthene	BDL	10.0	ug/L							
Fluorene	BDL	10.0	ug/L							
Indeno(1,2,3-cd)pyrene	BDL	0.220	ug/L							
Naphthalene	BDL	1.00	ug/L							
Phenanthrene	BDL	10.0	ug/L							
Pyrene	BDL	10.0	ug/L							
Surrogate: Nitrobenzene-d5	27.8		ug/L	40.00		69.4	50-125			
Surrogate: 2-Fluorobiphenyl	27.8		ug/L	40.00		69.5	50-120			
Surrogate: Terphenyl-d14	21.6		ug/L	40.00		53.9	30-150			

LCS (1050231-BS1)

Prepared: 12/10/10 Analyzed: 12/15/10

Acenaphthene	74.0	10.0	ug/L	100.0		74.0	65-110			
Acenaphthylene	72.2	10.0	ug/L	100.0		72.2	45-120			
Anthracene	70.3	10.0	ug/L	100.0		70.3	50-120			
Benz(a)anthracene	71.0	0.260	ug/L	100.0		71.0	65-125			
Benzo(a)pyrene	81.7	0.200	ug/L	100.0		81.7	40-150			
Benzo(b)fluoranthene	76.3	0.170	ug/L	100.0		76.3	30-165			
Benzo(g,h,i)perylene	89.8	10.0	ug/L	100.0		89.8	40-175			
Benzo(k)fluoranthene	61.5	1.70	ug/L	100.0		61.5	35-125			
Chrysene	96.6	10.0	ug/L	100.0		96.6	60-125			
Dibenz(a,h)anthracene	85.6	0.100	ug/L	100.0		85.6	30-180			
Fluoranthene	85.7	10.0	ug/L	100.0		85.7	55-125			
Fluorene	77.3	10.0	ug/L	100.0		77.3	60-120			
Indeno(1,2,3-cd)pyrene	85.1	0.220	ug/L	100.0		85.1	40-180			
Naphthalene	70.4	1.00	ug/L	100.0		70.4	40-115			
Phenanthrene	81.4	10.0	ug/L	100.0		81.4	50-115			
Pyrene	62.5	10.0	ug/L	100.0		62.5	55-130			
Surrogate: Nitrobenzene-d5	29.9		ug/L	40.00		74.8	50-125			
Surrogate: 2-Fluorobiphenyl	30.7		ug/L	40.00		76.8	50-120			
Surrogate: Terphenyl-d14	22.6		ug/L	40.00		56.6	30-150			

CLIENT: LJB Engineers & Architects
 Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1050231 - PREP SVOC W

LCS Dup (1050231-BSD1)

Prepared: 12/10/10 Analyzed: 12/15/10

Acenaphthene	74.8	10.0	ug/L	100.0		74.8	65-110	1.16	15	
Acenaphthylene	73.4	10.0	ug/L	100.0		73.4	45-120	1.55	15	
Anthracene	72.4	10.0	ug/L	100.0		72.4	50-120	3.00	18	
Benz(a)anthracene	76.2	0.260	ug/L	100.0		76.2	65-125	7.12	20	
Benzo(a)pyrene	84.9	0.200	ug/L	100.0		84.9	40-150	3.81	20	
Benzo(b)fluoranthene	90.0	0.170	ug/L	100.0		90.0	30-165	16.5	30	
Benzo(g,h,i)perylene	92.2	10.0	ug/L	100.0		92.2	40-175	2.74	20	
Benzo(k)fluoranthene	51.7	1.70	ug/L	100.0		51.7	35-125	17.3	30	
Chrysene	99.8	10.0	ug/L	100.0		99.8	60-125	3.30	20	
Dibenz(a,h)anthracene	89.7	0.100	ug/L	100.0		89.7	30-180	4.77	20	
Fluoranthene	91.1	10.0	ug/L	100.0		91.1	55-125	6.19	15	
Fluorene	79.7	10.0	ug/L	100.0		79.7	60-120	2.98	15	
Indeno(1,2,3-cd)pyrene	97.9	0.220	ug/L	100.0		97.9	40-180	14.0	30	
Naphthalene	73.0	1.00	ug/L	100.0		73.0	40-115	3.56	14	
Phenanthrene	84.5	10.0	ug/L	100.0		84.5	50-115	3.74	18	
Pyrene	65.3	10.0	ug/L	100.0		65.3	55-130	4.38	20	
Surrogate: Nitrobenzene-d5	31.9		ug/L	40.00		79.6	50-125			
Surrogate: 2-Fluorobiphenyl	32.3		ug/L	40.00		80.8	50-120			
Surrogate: Terphenyl-d14	23.7		ug/L	40.00		59.3	30-150			

Batch 1051335 - PREP SVOC S

Blank (1051335-BLK1)

Prepared: 12/17/10 Analyzed: 12/20/10

2-Methylnaphthalene	BDL	0.100	mg/kg wet							
Acenaphthene	BDL	0.100	mg/kg wet							
Acenaphthylene	BDL	0.100	mg/kg wet							
Anthracene	BDL	0.100	mg/kg wet							
Benz(a)anthracene	BDL	0.100	mg/kg wet							
Benzo(a)pyrene	BDL	0.100	mg/kg wet							
Benzo(b)fluoranthene	BDL	0.100	mg/kg wet							
Benzo(g,h,i)perylene	BDL	0.100	mg/kg wet							
Benzo(k)fluoranthene	BDL	0.100	mg/kg wet							
Chrysene	BDL	0.100	mg/kg wet							
Dibenz(a,h)anthracene	BDL	0.100	mg/kg wet							
Fluoranthene	BDL	0.100	mg/kg wet							
Fluorene	BDL	0.100	mg/kg wet							
Indeno(1,2,3-cd)pyrene	BDL	0.100	mg/kg wet							
Naphthalene	BDL	0.100	mg/kg wet							
Phenanthrene	BDL	0.100	mg/kg wet							
Pyrene	BDL	0.100	mg/kg wet							
Surrogate: Nitrobenzene-d5	1.07		mg/kg wet	1.333		80.1	51-126			
Surrogate: 2-Fluorobiphenyl	1.09		mg/kg wet	1.333		81.5	56-121			
Surrogate: Terphenyl-d14	0.902		mg/kg wet	1.333		67.7	40-140			

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant

Lab Order: 10L0495

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1051335 - PREP SVOC S

LCS (1051335-BS1)

Prepared: 12/17/10 Analyzed: 12/20/10

2-Methylnaphthalene	2.90	0.100	mg/kg wet	3.333		86.9	24-125			
Acenaphthene	2.86	0.100	mg/kg wet	3.333		85.7	60-110			
Acenaphthylene	2.65	0.100	mg/kg wet	3.333		79.6	45-124			
Anthracene	2.87	0.100	mg/kg wet	3.333		86.0	46-117			
Benz(a)anthracene	2.69	0.100	mg/kg wet	3.333		80.6	43-139			
Benzo(a)pyrene	2.54	0.100	mg/kg wet	3.333		76.3	40-147			
Benzo(b)fluoranthene	2.52	0.100	mg/kg wet	3.333		75.7	40-157			
Benzo(g,h,i)perylene	2.85	0.100	mg/kg wet	3.333		85.5	37-159			
Benzo(k)fluoranthene	2.83	0.100	mg/kg wet	3.333		84.9	32-123			
Chrysene	3.05	0.100	mg/kg wet	3.333		91.6	38-136			
Dibenz(a,h)anthracene	2.67	0.100	mg/kg wet	3.333		80.0	20-181			
Fluoranthene	3.13	0.100	mg/kg wet	3.333		94.0	49-118			
Fluorene	2.89	0.100	mg/kg wet	3.333		86.8	52-129			
Indeno(1,2,3-cd)pyrene	2.72	0.100	mg/kg wet	3.333		81.7	40-160			
Naphthalene	2.84	0.100	mg/kg wet	3.333		85.2	39-118			
Phenanthrene	2.96	0.100	mg/kg wet	3.333		88.8	46-109			
Pyrene	2.91	0.100	mg/kg wet	3.333		87.4	47-123			
Surrogate: Nitrobenzene-d5	1.10		mg/kg wet	1.333		82.2	51-126			
Surrogate: 2-Fluorobiphenyl	1.09		mg/kg wet	1.333		82.1	56-121			
Surrogate: Terphenyl-d14	1.02		mg/kg wet	1.333		76.2	40-140			

LCS Dup (1051335-BSD1)

Prepared: 12/17/10 Analyzed: 12/20/10

2-Methylnaphthalene	2.85	0.100	mg/kg wet	3.333		85.6	24-125	1.53	20	
Acenaphthene	2.86	0.100	mg/kg wet	3.333		85.9	60-110	0.245	13	
Acenaphthylene	2.71	0.100	mg/kg wet	3.333		81.2	45-124	2.03	20	
Anthracene	2.91	0.100	mg/kg wet	3.333		87.2	46-117	1.44	20	
Benz(a)anthracene	2.70	0.100	mg/kg wet	3.333		80.9	43-139	0.371	20	
Benzo(a)pyrene	2.49	0.100	mg/kg wet	3.333		74.8	40-147	1.95	20	
Benzo(b)fluoranthene	2.50	0.100	mg/kg wet	3.333		75.1	40-157	0.849	25	
Benzo(g,h,i)perylene	2.80	0.100	mg/kg wet	3.333		84.1	37-159	1.65	25	
Benzo(k)fluoranthene	2.89	0.100	mg/kg wet	3.333		86.8	32-123	2.15	40	
Chrysene	3.03	0.100	mg/kg wet	3.333		90.9	38-136	0.789	20	
Dibenz(a,h)anthracene	2.62	0.100	mg/kg wet	3.333		78.6	20-181	1.79	20	
Fluoranthene	3.15	0.100	mg/kg wet	3.333		94.5	49-118	0.520	20	
Fluorene	2.98	0.100	mg/kg wet	3.333		89.5	52-129	3.12	20	
Indeno(1,2,3-cd)pyrene	2.67	0.100	mg/kg wet	3.333		80.0	40-160	2.05	20	
Naphthalene	2.78	0.100	mg/kg wet	3.333		83.4	39-118	2.17	20	
Phenanthrene	3.00	0.100	mg/kg wet	3.333		89.9	46-109	1.22	20	
Pyrene	2.93	0.100	mg/kg wet	3.333		87.9	47-123	0.559	20	
Surrogate: Nitrobenzene-d5	1.07		mg/kg wet	1.333		80.3	51-126			
Surrogate: 2-Fluorobiphenyl	1.08		mg/kg wet	1.333		81.0	56-121			
Surrogate: Terphenyl-d14	1.00		mg/kg wet	1.333		75.0	40-140			

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant**Lab Order:** 10L0495

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- R RPD outside of accepted recovery limits.
- L Laboratory control sample recovery outside of acceptance limits high, sample results are below detection limits. Sample data is still acceptable.
- A-01a Surrogate recovery slightly high in the LCSD but all spike recoveries are acceptable.
- A-01 Surrogate recovery in LCSD is slightly high but all spike recoveries are acceptable.

Sample preservation was met unless otherwise noted.