



Thursday, December 2, 2010
Analytical Results

Ed Council
LJB Engineers & Architects
3100 Research Boulevard
Dayton, OH 45420-0246
TEL: 937-259-5000
FAX 937-259-5100

RE: 09020 Piqua Power Plant

Work Order: 10K0727

Belmont Labs received 5 sample(s) on 11/15/2010 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:** 10K0727

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Sampled Date	Received Date
10K0727-01A	A-1	11/11/2010 12:10:00PM	11/15/2010
10K0727-01B	A-1	11/11/2010 12:10:00PM	11/15/2010
10K0727-01C	A-1	11/11/2010 12:10:00PM	11/15/2010
10K0727-01D	A-1	11/11/2010 12:10:00PM	11/15/2010
10K0727-02A	A-2	11/11/2010 12:50:00PM	11/15/2010
10K0727-02B	A-2	11/11/2010 12:50:00PM	11/15/2010
10K0727-02C	A-2	11/11/2010 12:50:00PM	11/15/2010
10K0727-02D	A-2	11/11/2010 12:50:00PM	11/15/2010
10K0727-03A	A-3	11/11/2010 1:10:00PM	11/15/2010
10K0727-03B	A-3	11/11/2010 1:10:00PM	11/15/2010
10K0727-03C	A-3	11/11/2010 1:10:00PM	11/15/2010
10K0727-03D	A-3	11/11/2010 1:10:00PM	11/15/2010
10K0727-04A	Trip Blank	11/11/2010 12:10:00PM	11/15/2010
10K0727-04B	Trip Blank	11/11/2010 12:10:00PM	11/15/2010
10K0727-05A	Decon Blk	11/11/2010 2:00:00PM	11/15/2010
10K0727-05B	Decon Blk	11/11/2010 2:00:00PM	11/15/2010
10K0727-05C	Decon Blk	11/11/2010 2:00:00PM	11/15/2010
10K0727-05D	Decon Blk	11/11/2010 2:00:00PM	11/15/2010
10K0727-05E	Decon Blk	11/11/2010 2:00:00PM	11/15/2010

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

Lab Order: 10K0727

Lab ID: 10K0727-01
Client Sample ID: A-1

Collection Date: 11/11/2010 12:10:00PM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34		SW 8015		Analyst: MBG			
C10 to C20	BDL	10.8		mg/kg dry	1	1048034	11/24/2010 8:11:00PM
C20 to C34	BDL	540		mg/kg dry	1	1048034	11/24/2010 8:11:00PM
<i>Surrogate: o-Terphenyl</i>		110 %		48-115		1048034	11/24/2010 8:11:00PM
TPH GRO C6-C12		SW 8015		Analyst: EH			
Gasoline Range Organics, C6 - C12	BDL	5.24	H	mg/kg dry	0.97	1049199	12/1/2010 11:52:00PM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		110 %		H 60-155		1049199	12/1/2010 11:52:00PM
VOC 8260		SW 8260A		Analyst: ksw			
1,1,1,2-Tetrachloroethane	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
1,1,1-Trichloroethane	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
1,1,2,2-Tetrachloroethane	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
1,1,2-Trichloroethane	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
1,1-Dichloroethane	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
1,1-Dichloroethene	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
1,1-Dichloropropene	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
1,2-Dibromoethane	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
1,2-Dichloroethane	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
1,2-Dichloropropane	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
1,3-Dichloropropane	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
2,2-Dichloropropane	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
2-Butanone	BDL	0.0214		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
2-Chlorotoluene	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
2-Hexanone	BDL	0.0214		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
4-Chlorotoluene	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
4-Methyl-2-pentanone	BDL	0.0214		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Acetone	BDL	0.0534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Acetonitrile	BDL	0.0428		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Acrolein	BDL	0.0214		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Acrylonitrile	BDL	0.0214		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Allyl chloride	BDL	0.0107		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Benzene	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Bromobenzene	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Bromochloromethane	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Bromodichloromethane	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Bromoform	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Bromomethane	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Carbon Disulfide	BDL	0.0214		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Carbon Tetrachloride	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Chlorobenzene	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Chloroethane	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Chloroform	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Chloromethane	BDL	0.00534	A-01	mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
cis-1,2-Dichloroethene	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM

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

Lab Order: 10K0727

Lab ID: 10K0727-01
Client Sample ID: A-1

Collection Date: 11/11/2010 12:10:00PM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
cis-1,3-Dichloropropene	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Dibromochloromethane	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Dibromomethane	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Dichlorodifluoromethane	BDL	0.00534	A-01a	mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Ethylbenzene	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Iodomethane	BDL	0.0107		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Methylene Chloride	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Methyl tert-Butyl Ether	BDL	0.0107		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
m,p-Xylene	BDL	0.0107		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
n-Hexane	BDL	0.00534	A-01	mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
o-Xylene	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Styrene	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Tetrachloroethene	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Toluene	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
trans-1,2-Dichloroethene	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
trans-1,3-Dichloropropene	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Trichloroethene	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Trichlorofluoromethane	BDL	0.00534		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Vinyl Chloride	BDL	0.00534	A-01	mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
Vinyl acetate	BDL	0.0107		mg/kg dry	0.99	1049186	11/24/2010 9:52:00PM
<i>Surrogate: 4-Bromofluorobenzene</i>		79.5 %		41-140	1049186	11/24/2010 9:52:00PM	
<i>Surrogate: Dibromofluoromethane</i>		82.2 %		33-129	1049186	11/24/2010 9:52:00PM	
<i>Surrogate: Toluene-d8</i>		83.7 %		44-130	1049186	11/24/2010 9:52:00PM	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		80.8 %		31-123	1049186	11/24/2010 9:52:00PM	

PMOIST **D 2216** **Analyst: AD**
Percent Moisture 7.37 % by Weight 1 1049033 11/28/2010 2:00:00PM

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

2-Methylnaphthalene	BDL	0.108		mg/kg dry	1	1048009	11/26/2010 12:01:00PM
Acenaphthene	BDL	0.108		mg/kg dry	1	1048009	11/26/2010 12:01:00PM
Acenaphthylene	BDL	0.108		mg/kg dry	1	1048009	11/26/2010 12:01:00PM
Anthracene	BDL	0.108		mg/kg dry	1	1048009	11/26/2010 12:01:00PM
Benz(a)anthracene	BDL	0.108		mg/kg dry	1	1048009	11/26/2010 12:01:00PM
Benzo(a)pyrene	BDL	0.108		mg/kg dry	1	1048009	11/26/2010 12:01:00PM
Benzo(b)fluoranthene	BDL	0.108		mg/kg dry	1	1048009	11/26/2010 12:01:00PM
Benzo(g,h,i)perylene	BDL	0.108		mg/kg dry	1	1048009	11/26/2010 12:01:00PM
Benzo(k)fluoranthene	BDL	0.108		mg/kg dry	1	1048009	11/26/2010 12:01:00PM
Chrysene	BDL	0.108		mg/kg dry	1	1048009	11/26/2010 12:01:00PM
Dibenz(a,h)anthracene	BDL	0.108		mg/kg dry	1	1048009	11/26/2010 12:01:00PM
Fluoranthene	BDL	0.108		mg/kg dry	1	1048009	11/26/2010 12:01:00PM
Fluorene	BDL	0.108		mg/kg dry	1	1048009	11/26/2010 12:01:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.108		mg/kg dry	1	1048009	11/26/2010 12:01:00PM
Naphthalene	BDL	0.108		mg/kg dry	1	1048009	11/26/2010 12:01:00PM

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

Lab Order: 10K0727

Lab ID: 10K0727-01
Client Sample ID: A-1

Collection Date: 11/11/2010 12:10:00PM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Phenanthrene	BDL	0.108		mg/kg dry	1	1048009	11/26/2010 12:01:00PM
Pyrene	BDL	0.108		mg/kg dry	1	1048009	11/26/2010 12:01:00PM
<i>Surrogate: Nitrobenzene-d5</i>		<i>15.5 %</i>		<i>51-126</i>		<i>1048009</i>	<i>11/26/2010 12:01:00PM</i>
<i>Surrogate: 2-Fluorobiphenyl</i>		<i>42.4 %</i>		<i>56-121</i>		<i>1048009</i>	<i>11/26/2010 12:01:00PM</i>
<i>Surrogate: Terphenyl-d14</i>		<i>87.6 %</i>		<i>40-140</i>		<i>1048009</i>	<i>11/26/2010 12:01:00PM</i>

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

Lab Order: 10K0727

Lab ID: 10K0727-02
Client Sample ID: A-2

Collection Date: 11/11/2010 12:50:00PM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34		SW 8015		Analyst: MBG			
C10 to C20	BDL	11.1		mg/kg dry	1	1048034	11/24/2010 8:38:00PM
C20 to C34	BDL	555		mg/kg dry	1	1048034	11/24/2010 8:38:00PM
<i>Surrogate: o-Terphenyl</i>		<i>69.8 %</i>		<i>48-115</i>		<i>1048034</i>	<i>11/24/2010 8:38:00PM</i>
TPH GRO C6-C12		SW 8015		Analyst: EH			
Gasoline Range Organics, C6 - C12	BDL	5.16	H	mg/kg dry	0.93	1049199	12/2/2010 1:23:00AM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		<i>109 %</i>	<i>H</i>	<i>60-155</i>		<i>1049199</i>	<i>12/2/2010 1:23:00AM</i>
VOC 8260		SW 8260A		Analyst: ksw			
1,1,1,2-Tetrachloroethane	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
1,1,1-Trichloroethane	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
1,1,2,2-Tetrachloroethane	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
1,1,2-Trichloroethane	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
1,1-Dichloroethane	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
1,1-Dichloroethene	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
1,1-Dichloropropene	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
1,2-Dibromoethane	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
1,2-Dichloroethane	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
1,2-Dichloropropane	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
1,3-Dichloropropane	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
2,2-Dichloropropane	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
2-Butanone	BDL	0.0220		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
2-Chlorotoluene	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
2-Hexanone	BDL	0.0220		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
4-Chlorotoluene	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
4-Methyl-2-pentanone	BDL	0.0220		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Acetone	BDL	0.0549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Acetonitrile	BDL	0.0439		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Acrolein	BDL	0.0220		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Acrylonitrile	BDL	0.0220		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Allyl chloride	BDL	0.0110		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Benzene	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Bromobenzene	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Bromochloromethane	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Bromodichloromethane	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Bromoform	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Bromomethane	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Carbon Disulfide	BDL	0.0220		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Carbon Tetrachloride	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Chlorobenzene	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Chloroethane	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Chloroform	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Chloromethane	BDL	0.00549	A-01	mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
cis-1,2-Dichloroethene	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM

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

Lab Order: 10K0727

Lab ID: 10K0727-02
Client Sample ID: A-2

Collection Date: 11/11/2010 12:50:00PM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
cis-1,3-Dichloropropene	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Dibromochloromethane	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Dibromomethane	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Dichlorodifluoromethane	BDL	0.00549	A-01	mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Ethylbenzene	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Iodomethane	BDL	0.0110		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Methylene Chloride	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Methyl tert-Butyl Ether	BDL	0.0110		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
m,p-Xylene	BDL	0.0110		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
n-Hexane	BDL	0.00549	A-01	mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
o-Xylene	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Styrene	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Tetrachloroethene	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Toluene	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
trans-1,2-Dichloroethene	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
trans-1,3-Dichloropropene	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Trichloroethene	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Trichlorofluoromethane	BDL	0.00549		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Vinyl Chloride	BDL	0.00549	A-01	mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM
Vinyl acetate	BDL	0.0110		mg/kg dry	0.99	1049186	11/24/2010 10:25:00PM

<i>Surrogate: 4-Bromofluorobenzene</i>	77.7 %	41-140	1049186	11/24/2010 10:25:00PM
<i>Surrogate: Dibromofluoromethane</i>	73.3 %	33-129	1049186	11/24/2010 10:25:00PM
<i>Surrogate: Toluene-d8</i>	83.2 %	44-130	1049186	11/24/2010 10:25:00PM
<i>Surrogate: 1,2-Dichloroethane-d4</i>	78.9 %	31-123	1049186	11/24/2010 10:25:00PM

PMOIST **D 2216** **Analyst: AD**
Percent Moisture **9.85** % by Weight 1 1049033 11/28/2010 2:00:00PM

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

2-Methylnaphthalene	BDL	0.111		mg/kg dry	1	1048009	11/26/2010 12:25:00PM
Acenaphthene	BDL	0.111		mg/kg dry	1	1048009	11/26/2010 12:25:00PM
Acenaphthylene	BDL	0.111		mg/kg dry	1	1048009	11/26/2010 12:25:00PM
Anthracene	BDL	0.111		mg/kg dry	1	1048009	11/26/2010 12:25:00PM
Benz(a)anthracene	BDL	0.111		mg/kg dry	1	1048009	11/26/2010 12:25:00PM
Benzo(a)pyrene	BDL	0.111		mg/kg dry	1	1048009	11/26/2010 12:25:00PM
Benzo(b)fluoranthene	BDL	0.111		mg/kg dry	1	1048009	11/26/2010 12:25:00PM
Benzo(g,h,i)perylene	BDL	0.111		mg/kg dry	1	1048009	11/26/2010 12:25:00PM
Benzo(k)fluoranthene	BDL	0.111		mg/kg dry	1	1048009	11/26/2010 12:25:00PM
Chrysene	BDL	0.111		mg/kg dry	1	1048009	11/26/2010 12:25:00PM
Dibenz(a,h)anthracene	BDL	0.111		mg/kg dry	1	1048009	11/26/2010 12:25:00PM
Fluoranthene	BDL	0.111		mg/kg dry	1	1048009	11/26/2010 12:25:00PM
Fluorene	BDL	0.111		mg/kg dry	1	1048009	11/26/2010 12:25:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.111		mg/kg dry	1	1048009	11/26/2010 12:25:00PM
Naphthalene	BDL	0.111		mg/kg dry	1	1048009	11/26/2010 12:25:00PM

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

Lab Order: 10K0727

Lab ID: 10K0727-02
Client Sample ID: A-2

Collection Date: 11/11/2010 12:50:00PM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Phenanthrene	BDL	0.111		mg/kg dry	1	1048009	11/26/2010 12:25:00PM
Pyrene	BDL	0.111		mg/kg dry	1	1048009	11/26/2010 12:25:00PM
Surrogate: Nitrobenzene-d5		5.92 %		51-126		1048009	11/26/2010 12:25:00PM
Surrogate: 2-Fluorobiphenyl		20.7 %		56-121		1048009	11/26/2010 12:25:00PM
Surrogate: Terphenyl-d14		81.3 %		40-140		1048009	11/26/2010 12:25:00PM

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

Lab Order: 10K0727

Lab ID: 10K0727-03
 Client Sample ID: A-3

Collection Date: 11/11/2010 1:10:00PM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34	SW 8015						Analyst: MBG
C10 to C20	BDL	12.0		mg/kg dry	1	1048034	11/26/2010 10:06:00AM
C20 to C34	BDL	598		mg/kg dry	1	1048034	11/26/2010 10:06:00AM
<i>Surrogate: o-Terphenyl</i>		75.1 %		48-115		1048034	11/26/2010 10:06:00AM
TPH GRO C6-C12	SW 8015						Analyst: EH
Gasoline Range Organics, C6 - C12	BDL	5.97	H	mg/kg dry	0.9988	1049199	12/2/2010 1:54:00AM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		110 %	H	60-155		1049199	12/2/2010 1:54:00AM
VOC 8260	SW 8260A						Analyst: ksw
1,1,1,2-Tetrachloroethane	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
1,1,1-Trichloroethane	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
1,1,2,2-Tetrachloroethane	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
1,1,2-Trichloroethane	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
1,1-Dichloroethane	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
1,1-Dichloroethene	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
1,1-Dichloropropene	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
1,2-Dibromoethane	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
1,2-Dichloroethane	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
1,2-Dichloropropane	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
1,3-Dichloropropane	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
2,2-Dichloropropane	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
2-Butanone	BDL	0.0237		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
2-Chlorotoluene	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
2-Hexanone	BDL	0.0237		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
4-Chlorotoluene	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
4-Methyl-2-pentanone	BDL	0.0237		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Acetone	BDL	0.0592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Acetonitrile	BDL	0.0474		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Acrolein	BDL	0.0237		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Acrylonitrile	BDL	0.0237		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Allyl chloride	BDL	0.0118		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Benzene	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Bromobenzene	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Bromochloromethane	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Bromodichloromethane	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Bromoform	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Bromomethane	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Carbon Disulfide	BDL	0.0237		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Carbon Tetrachloride	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Chlorobenzene	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Chloroethane	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Chloroform	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Chloromethane	BDL	0.00592	A-01	mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
cis-1,2-Dichloroethene	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM

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

Lab Order: 10K0727

Lab ID: 10K0727-03
Client Sample ID: A-3

Collection Date: 11/11/2010 1:10:00PM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
cis-1,3-Dichloropropene	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Dibromochloromethane	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Dibromomethane	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Dichlorodifluoromethane	BDL	0.00592	A-01	mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Ethylbenzene	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Iodomethane	BDL	0.0118		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Methylene Chloride	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Methyl tert-Butyl Ether	BDL	0.0118		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
m,p-Xylene	BDL	0.0118		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
n-Hexane	BDL	0.00592	A-01	mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
o-Xylene	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Styrene	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Tetrachloroethene	0.0512	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Toluene	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
trans-1,2-Dichloroethene	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
trans-1,3-Dichloropropene	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Trichloroethene	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Trichlorofluoromethane	BDL	0.00592		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Vinyl Chloride	BDL	0.00592	A-01	mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM
Vinyl acetate	BDL	0.0118		mg/kg dry	0.99	1049186	11/24/2010 10:58:00PM

<i>Surrogate: 4-Bromofluorobenzene</i>	74.4 %	41-140	1049186	11/24/2010 10:58:00PM
<i>Surrogate: Dibromofluoromethane</i>	82.7 %	33-129	1049186	11/24/2010 10:58:00PM
<i>Surrogate: Toluene-d8</i>	84.1 %	44-130	1049186	11/24/2010 10:58:00PM
<i>Surrogate: 1,2-Dichloroethane-d4</i>	80.6 %	31-123	1049186	11/24/2010 10:58:00PM

PMOIST **D 2216** **Analyst: AD**
Percent Moisture **16.4** % by Weight 1 1049033 11/28/2010 2:00:00PM

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

2-Methylnaphthalene	BDL	0.120		mg/kg dry	1	1048009	11/26/2010 12:50:00PM
Acenaphthene	BDL	0.120		mg/kg dry	1	1048009	11/26/2010 12:50:00PM
Acenaphthylene	BDL	0.120		mg/kg dry	1	1048009	11/26/2010 12:50:00PM
Anthracene	BDL	0.120		mg/kg dry	1	1048009	11/26/2010 12:50:00PM
Benz(a)anthracene	BDL	0.120		mg/kg dry	1	1048009	11/26/2010 12:50:00PM
Benzo(a)pyrene	BDL	0.120		mg/kg dry	1	1048009	11/26/2010 12:50:00PM
Benzo(b)fluoranthene	BDL	0.120		mg/kg dry	1	1048009	11/26/2010 12:50:00PM
Benzo(g,h,i)perylene	BDL	0.120		mg/kg dry	1	1048009	11/26/2010 12:50:00PM
Benzo(k)fluoranthene	BDL	0.120		mg/kg dry	1	1048009	11/26/2010 12:50:00PM
Chrysene	BDL	0.120		mg/kg dry	1	1048009	11/26/2010 12:50:00PM
Dibenz(a,h)anthracene	BDL	0.120		mg/kg dry	1	1048009	11/26/2010 12:50:00PM
Fluoranthene	BDL	0.120		mg/kg dry	1	1048009	11/26/2010 12:50:00PM
Fluorene	BDL	0.120		mg/kg dry	1	1048009	11/26/2010 12:50:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.120		mg/kg dry	1	1048009	11/26/2010 12:50:00PM
Naphthalene	BDL	0.120		mg/kg dry	1	1048009	11/26/2010 12:50:00PM

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

Lab Order: 10K0727

Lab ID: 10K0727-03
Client Sample ID: A-3

Collection Date: 11/11/2010 1:10:00PM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Phenanthrene	BDL	0.120		mg/kg dry	1	1048009	11/26/2010 12:50:00PM
Pyrene	BDL	0.120		mg/kg dry	1	1048009	11/26/2010 12:50:00PM
<i>Surrogate: Nitrobenzene-d5</i>		48.4 %			51-126	1048009	11/26/2010 12:50:00PM
<i>Surrogate: 2-Fluorobiphenyl</i>		53.6 %			56-121	1048009	11/26/2010 12:50:00PM
<i>Surrogate: Terphenyl-d14</i>		80.3 %			40-140	1048009	11/26/2010 12:50:00PM

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

Lab Order: 10K0727

Lab ID: 10K0727-04
Client Sample ID: Trip Blank

Collection Date: 11/11/2010 12:10:00PM
Matrix: Water

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	1047287	11/17/2010 4:34:00PM
1,1,1-Trichloroethane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
1,1,2,2-Tetrachloroethane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
1,1,2-Trichloroethane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
1,1-Dichloroethane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
1,1-Dichloroethene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
1,1-Dichloropropene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
1,2-Dibromoethane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
1,2-Dichloroethane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
1,2-Dichloropropane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
1,3-Dichloropropane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
2,2-Dichloropropane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
2-Butanone	BDL	20.0		ug/L	1	1047287	11/17/2010 4:34:00PM
2-Chlorotoluene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
2-Hexanone	BDL	20.0		ug/L	1	1047287	11/17/2010 4:34:00PM
4-Chlorotoluene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
4-Methyl-2-pentanone	BDL	20.0		ug/L	1	1047287	11/17/2010 4:34:00PM
Acetone	BDL	20.0		ug/L	1	1047287	11/17/2010 4:34:00PM
Acetonitrile	BDL	40.0		ug/L	1	1047287	11/17/2010 4:34:00PM
Acrolein	BDL	20.0		ug/L	1	1047287	11/17/2010 4:34:00PM
Acrylonitrile	BDL	20.0		ug/L	1	1047287	11/17/2010 4:34:00PM
Allyl chloride	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Benzene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Bromobenzene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Bromochloromethane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Bromodichloromethane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Bromoform	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Bromomethane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Carbon Disulfide	BDL	20.0		ug/L	1	1047287	11/17/2010 4:34:00PM
Carbon Tetrachloride	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Chlorobenzene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Chloroethane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Chloroform	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Chloromethane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
cis-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
cis-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Dibromochloromethane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Dibromomethane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Dichlorodifluoromethane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Ethylbenzene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Iodomethane	BDL	10.0		ug/L	1	1047287	11/17/2010 4:34:00PM
Methylene Chloride	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Methyl tert-Butyl Ether	BDL	10.0		ug/L	1	1047287	11/17/2010 4:34:00PM
m,p-Xylene	BDL	10.0		ug/L	1	1047287	11/17/2010 4:34:00PM
n-Butylbenzene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM

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

Lab Order: 10K0727

Lab ID: 10K0727-04
Client Sample ID: Trip Blank

Collection Date: 11/11/2010 12:10:00PM
Matrix: Water

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
n-Hexane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
o-Xylene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Styrene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Tetrachloroethene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Toluene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
trans-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
trans-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Trichloroethene	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Trichlorofluoromethane	BDL	5.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Vinyl Chloride	BDL	1.00		ug/L	1	1047287	11/17/2010 4:34:00PM
Vinyl acetate	BDL	10.0		ug/L	1	1047287	11/17/2010 4:34:00PM
<i>Surrogate: 4-Bromofluorobenzene</i>		74.8 %		41-140		1047287	11/17/2010 4:34:00PM
<i>Surrogate: Dibromofluoromethane</i>		76.6 %		34-158		1047287	11/17/2010 4:34:00PM
<i>Surrogate: Toluene-d8</i>		80.4 %		47-147		1047287	11/17/2010 4:34:00PM
<i>Surrogate: 1,2-Dichloroethane-d4</i>		72.1 %		29-163		1047287	11/17/2010 4:34:00PM

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

Lab Order: 10K0727

Lab ID: 10K0727-05
Client Sample ID: Decon Blk

Collection Date: 11/11/2010 2:00:00PM
Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
ICP_Ag Silver	SW 6010B 0.000590	0.000500		mg/L	1	1048229	11/26/2010 11:36:48PM
							Analyst: RJE
ICP_Al Aluminum	SW 6010B BDL	0.0500		mg/L	1	1048229	11/26/2010 11:36:48PM
							Analyst: RJE
ICP_As Arsenic	SW 6010B BDL	0.00500		mg/L	1	1048229	11/26/2010 11:36:48PM
							Analyst: RJE
ICP_Ba Barium	SW 6010B BDL	0.00500		mg/L	1	1048229	11/26/2010 11:36:48PM
							Analyst: RJE
ICP_Be Beryllium	SW 6010B BDL	0.000500		mg/L	1	1048229	11/26/2010 11:36:48PM
							Analyst: RJE
ICP_Cd Cadmium	SW 6010B 0.000530	0.000500		mg/L	1	1048229	11/26/2010 11:36:48PM
							Analyst: RJE
ICP_Co Cobalt	SW 6010B BDL	0.00500		mg/L	1	1048229	11/26/2010 11:36:48PM
							Analyst: RJE
ICP_Cr Chromium	SW 6010B BDL	0.00500		mg/L	1	1048229	11/26/2010 11:36:48PM
							Analyst: RJE
ICP_Ni Nickel	SW 6010B BDL	0.00500		mg/L	1	1048229	11/26/2010 11:36:48PM
							Analyst: RJE
ICP_Pb Lead	SW 6010B BDL	0.00500		mg/L	1	1048229	11/26/2010 11:36:48PM
							Analyst: RJE
ICP_Sb Antimony	SW 6010B BDL	0.00500		mg/L	1	1048229	11/26/2010 11:36:48PM
							Analyst: RJE
ICP_Se Selenium	SW 6010B BDL	0.0100		mg/L	1	1048229	11/26/2010 11:36:48PM
							Analyst: RJE
ICP_V Vanadium	SW 6010B BDL	0.00500		mg/L	1	1048229	11/26/2010 11:36:48PM
							Analyst: RJE
ICP_Zn Zinc	SW 6010B BDL	0.0100		mg/L	1	1048229	11/26/2010 11:36:48PM
							Analyst: RJE
GFAA TI	SW 7841						Analyst: RJE

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

Lab Order: 10K0727

Lab ID: 10K0727-05
Client Sample ID: Decon Blk

Collection Date: 11/11/2010 2:00:00PM
Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Thallium	BDL	0.00100		mg/L	1	1048235	11/26/2010 6:20:00PM
HG		SW 7470A		Analyst: KC			
Mercury	BDL	0.000200		mg/L	1	1049034	11/29/2010 3:15:32PM
PCB_8082		SW 8082		Analyst: FRS			
Aroclor 1016	BDL	0.500		ug/L	1	1047060	11/17/2010 11:15:00PM
Aroclor 1221	BDL	0.500		ug/L	1	1047060	11/17/2010 11:15:00PM
Aroclor 1232	BDL	0.500		ug/L	1	1047060	11/17/2010 11:15:00PM
Aroclor 1242	BDL	0.500		ug/L	1	1047060	11/17/2010 11:15:00PM
Aroclor 1248	BDL	0.500		ug/L	1	1047060	11/17/2010 11:15:00PM
Aroclor 1254	BDL	0.500		ug/L	1	1047060	11/17/2010 11:15:00PM
Aroclor 1260	BDL	0.500		ug/L	1	1047060	11/17/2010 11:15:00PM
<i>Surrogate: Decachlorobiphenyl</i>		57.0 %		36-157		1047060	11/17/2010 11:15:00PM
<i>Surrogate: Tetrachloro-m-xylene</i>		72.0 %		28-127		1047060	11/17/2010 11:15:00PM

VOC 8260		SW 8260B		Analyst: KDS			
1,1,1,2-Tetrachloroethane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
1,1,1-Trichloroethane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
1,1,2,2-Tetrachloroethane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
1,1,2-Trichloroethane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
1,1-Dichloroethane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
1,1-Dichloroethene	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
1,1-Dichloropropene	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
1,2-Dibromoethane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
1,2-Dichloroethane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
1,2-Dichloropropane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
1,3-Dichloropropane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
2,2-Dichloropropane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
2-Butanone	BDL	20.0		ug/L	1	1047184	11/16/2010 8:06:00PM
2-Chlorotoluene	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
2-Hexanone	BDL	20.0		ug/L	1	1047184	11/16/2010 8:06:00PM
4-Chlorotoluene	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
4-Methyl-2-pentanone	BDL	20.0		ug/L	1	1047184	11/16/2010 8:06:00PM
Acetone	BDL	20.0		ug/L	1	1047184	11/16/2010 8:06:00PM
Acetonitrile	BDL	40.0		ug/L	1	1047184	11/16/2010 8:06:00PM
Acrolein	BDL	20.0		ug/L	1	1047184	11/16/2010 8:06:00PM
Acrylonitrile	BDL	20.0		ug/L	1	1047184	11/16/2010 8:06:00PM
Allyl chloride	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Benzene	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Bromobenzene	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Bromochloromethane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Bromodichloromethane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Bromoform	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Bromomethane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM

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

Lab Order: 10K0727

Lab ID: 10K0727-05
 Client Sample ID: Decon Blk

Collection Date: 11/11/2010 2:00:00PM
 Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Carbon Disulfide	BDL	20.0		ug/L	1	1047184	11/16/2010 8:06:00PM
Carbon Tetrachloride	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Chlorobenzene	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Chloroethane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Chloroform	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Chloromethane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
cis-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
cis-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Dibromochloromethane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Dibromomethane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Dichlorodifluoromethane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Ethylbenzene	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Iodomethane	BDL	10.0		ug/L	1	1047184	11/16/2010 8:06:00PM
Methylene Chloride	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Methyl tert-Butyl Ether	BDL	10.0		ug/L	1	1047184	11/16/2010 8:06:00PM
m,p-Xylene	BDL	10.0		ug/L	1	1047184	11/16/2010 8:06:00PM
n-Hexane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
o-Xylene	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Styrene	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Tetrachloroethene	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Toluene	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
trans-1,2-Dichloroethene	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
trans-1,3-Dichloropropene	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Trichloroethene	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Trichlorofluoromethane	BDL	5.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Vinyl Chloride	BDL	1.00		ug/L	1	1047184	11/16/2010 8:06:00PM
Vinyl acetate	BDL	10.0		ug/L	1	1047184	11/16/2010 8:06:00PM

Surrogate: 4-Bromofluorobenzene	76.3 %	41-140	1047184	11/16/2010 8:06:00PM
Surrogate: Dibromofluoromethane	78.3 %	34-158	1047184	11/16/2010 8:06:00PM
Surrogate: Toluene-d8	80.9 %	47-147	1047184	11/16/2010 8:06:00PM
Surrogate: 1,2-Dichloroethane-d4	77.2 %	29-163	1047184	11/16/2010 8:06:00PM

PAH_FULL_8270

Analyst: ZZZ

2-Methylnaphthalene	BDL	10.0		ug/L	1	1047057	11/17/2010 11:07:00PM
Acenaphthene	BDL	10.0		ug/L	1	1047057	11/17/2010 11:07:00PM
Acenaphthylene	BDL	10.0		ug/L	1	1047057	11/17/2010 11:07:00PM
Anthracene	BDL	10.0		ug/L	1	1047057	11/17/2010 11:07:00PM
Benz(a)anthracene	BDL	0.260		ug/L	1	1047057	11/17/2010 11:07:00PM
Benzo(a)pyrene	BDL	0.200		ug/L	1	1047057	11/17/2010 11:07:00PM
Benzo(b)fluoranthene	BDL	0.170		ug/L	1	1047057	11/17/2010 11:07:00PM
Benzo(g,h,i)perylene	BDL	10.0		ug/L	1	1047057	11/17/2010 11:07:00PM
Benzo(k)fluoranthene	BDL	1.70		ug/L	1	1047057	11/17/2010 11:07:00PM
Chrysene	BDL	10.0		ug/L	1	1047057	11/17/2010 11:07:00PM
Dibenz(a,h)anthracene	BDL	0.100		ug/L	1	1047057	11/17/2010 11:07:00PM
Fluoranthene	BDL	10.0		ug/L	1	1047057	11/17/2010 11:07:00PM

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

Lab Order: 10K0727

Lab ID: 10K0727-05
Client Sample ID: Decon BIK

Collection Date: 11/11/2010 2:00:00PM
Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Fluorene	BDL	10.0		ug/L	1	1047057	11/17/2010 11:07:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.220		ug/L	1	1047057	11/17/2010 11:07:00PM
Naphthalene	BDL	1.00		ug/L	1	1047057	11/17/2010 11:07:00PM
Phenanthrene	BDL	10.0		ug/L	1	1047057	11/17/2010 11:07:00PM
Pyrene	BDL	10.0		ug/L	1	1047057	11/17/2010 11:07:00PM
<i>Surrogate: Nitrobenzene-d5</i>		72.4 %			50-125	1047057	11/17/2010 11:07:00PM
<i>Surrogate: 2-Fluorobiphenyl</i>		63.2 %			50-120	1047057	11/17/2010 11:07:00PM
<i>Surrogate: Terphenyl-d14</i>		50.8 %			30-150	1047057	11/17/2010 11:07:00PM



LJB Inc. • 3100 Research Blvd. • P.O. Box 20246
 Dayton, Ohio 45420-0246
 (937) 259-5000 tel • (937) 259-5100 fax • LJBinc.com

**ANALYTICAL SERVICES REQUEST
 AND CHAIN OF CUSTODY**

SEND TO LJB: INVOICE RESULTS

CONTACT: Ed Council

ADDRESS:

SEND TO: INVOICE RESULTS

CONTACT: Mark Butler

ADDRESS: Brown Field Restoration Group

PHONE: 937 259 5163
 FAX:

PHONE:
 FAX:

ANALYSIS REQUESTED

REMARKS

LJB Job #: Piqua-4 PO#: Piqua-4

SAMPLE SITE: Piqua Power plant

SAMPLED BY: Ed Council

SIGNATURE: [Signature]

RUSH PHONE RESULTS
 STANDARD TURNAROUND FAX RESULTS

NEED BY:

SPECIAL INSTRUCTIONS:

VOCs (8260)
 PAHs (8270)
 TOH GRO, DRO GRO (8015)
 PCBs (8082)
 UAP Metals

[Large Signature]

SAMPLE ID	DATE	TIME	MATRIX	COMP	GRAB	# BTLs	ANALYSIS REQUESTED	REMARKS
A-1	11-11-10	12:10	Soil		✓	5		
A-2	"	12:50	Soil		✓	5		
A-3	"	1:10	Soil		✓	5		
TQK			Water			2		
Desom Btk	11/11/10	8:00	Water			3		
						19		
RELINQUISHED BY:	DATE/TIME: 11-15-10		RECEIVED BY: <u>[Signature]</u>		DATE/TIME: 11-15-10		RECEIVED AT LAB BY:	
RELINQUISHED BY:	DATE/TIME: 11-15-10		RECEIVED BY:		DATE/TIME: 11-15-10		RECEIVED AT LAB BY:	
RELINQUISHED BY:	DATE/TIME:		RECEIVED BY:		DATE/TIME:		RECEIVED AT LAB BY:	

10K6727

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

Lab Order: 10K0727

Extractable Hydrocarbons by 8015 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1048034 - PREP DRO S

Blank (1048034-BLK1)

Prepared: 11/22/10 Analyzed: 11/24/10

C10 to C20	BDL	10.0	mg/kg wet							
C20 to C34	BDL	500	mg/kg wet							
Surrogate: <i>o</i> -Terphenyl	4.56		mg/kg wet	5.000		91.2	48-115			

LCS (1048034-BS1)

Prepared: 11/22/10 Analyzed: 11/24/10

C10 to C20	144	10.0	mg/kg wet	128.9		111	52-119			
Surrogate: <i>o</i> -Terphenyl	5.60		mg/kg wet	5.000		112	48-115			

LCS Dup (1048034-BS1)

Prepared: 11/22/10 Analyzed: 11/24/10

C10 to C20	127	10.0	mg/kg wet	128.9		98.6	52-119	12.2	11	R
Surrogate: <i>o</i> -Terphenyl	2.49		mg/kg wet	5.000		49.8	48-115			

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

Lab Order: 10K0727

Petroleum Hydrocarbons by GC FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1049199 - GC Prep										
Blank (1049199-BLK1) Prepared & Analyzed: 12/01/10										
Gasoline Range Organics, C6 - C12	BDL	5.00	mg/kg wet							
Surrogate: a,a,a-Trifluorotoluene	0.108		mg/L	0.1000		108	60-155			
LCS (1049199-BS1) Prepared & Analyzed: 12/01/10										
Gasoline Range Organics, C6 - C12	9.49	5.00	mg/kg wet	10.00		94.9	80-118			
Surrogate: a,a,a-Trifluorotoluene	0.114		mg/L	0.1000		114	60-155			
LCS Dup (1049199-BSD1) Prepared & Analyzed: 12/01/10										
Gasoline Range Organics, C6 - C12	10.0	5.00	mg/kg wet	10.00		100	80-118	5.41	10	
Surrogate: a,a,a-Trifluorotoluene	0.110		mg/L	0.1000		110	60-155			
Matrix Spike (1049199-MS1) Source: 10K0727-01 Prepared: 12/01/10 Analyzed: 12/02/10										
Gasoline Range Organics, C6 - C12	16.6	5.24	mg/kg dry	21.59	ND	76.9	56-84			
Surrogate: a,a,a-Trifluorotoluene	0.117		mg/L	0.1000		117	60-155			
Matrix Spike Dup (1049199-MSD1) Source: 10K0727-01 Prepared: 12/01/10 Analyzed: 12/02/10										
Gasoline Range Organics, C6 - C12	16.8	5.29	mg/kg dry	21.59	ND	77.9	56-84	1.31	20	
Surrogate: a,a,a-Trifluorotoluene	0.124		mg/L	0.1000		124	60-155			

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

Lab Order: 10K0727

Total Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1048229 - PREP ICP W

Blank (1048229-BLK1)

Prepared & Analyzed: 11/26/10

Aluminum	BDL	0.0500	mg/L							
Antimony	BDL	0.00500	mg/L							
Arsenic	BDL	0.00500	mg/L							
Barium	BDL	0.00500	mg/L							
Beryllium	BDL	0.000500	mg/L							
Cadmium	BDL	0.000500	mg/L							
Chromium	BDL	0.00500	mg/L							
Cobalt	BDL	0.00500	mg/L							
Lead	BDL	0.00500	mg/L							
Nickel	BDL	0.00500	mg/L							
Selenium	BDL	0.0100	mg/L							
Silver	BDL	0.000500	mg/L							
Vanadium	BDL	0.00500	mg/L							
Zinc	BDL	0.0100	mg/L							

LCS (1048229-BS1)

Prepared & Analyzed: 11/26/10

Aluminum	1.05	0.0500	mg/L	1.000		105	85-115			
Antimony	0.998	0.00500	mg/L	1.000		99.8	85-115			
Arsenic	1.01	0.00500	mg/L	1.000		101	85-115			
Barium	0.985	0.00500	mg/L	1.000		98.5	85-115			
Beryllium	0.987	0.000500	mg/L	1.000		98.7	85-115			
Cadmium	0.976	0.000500	mg/L	1.000		97.6	85-115			
Chromium	0.989	0.00500	mg/L	1.000		98.9	85-115			
Cobalt	0.970	0.00500	mg/L	1.000		97.0	85-115			
Lead	0.977	0.00500	mg/L	1.000		97.7	85-115			
Nickel	0.995	0.00500	mg/L	1.000		99.5	85-115			
Selenium	1.00	0.0100	mg/L	1.000		100	85-115			
Silver	0.991	0.000500	mg/L	1.000		99.1	85-115			
Vanadium	0.997	0.00500	mg/L	1.000		99.7	85-115			
Zinc	0.989	0.0100	mg/L	1.000		98.9	85-115			

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

Lab Order: 10K0727

Total Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1048229 - PREP ICP W

LCS Dup (1048229-BSD1)

Prepared & Analyzed: 11/26/10

Aluminum	1.04	0.0500	mg/L	1.000		104	85-115	0.957	20	
Antimony	0.988	0.00500	mg/L	1.000		98.8	85-115	1.01	20	
Arsenic	0.999	0.00500	mg/L	1.000		99.9	85-115	1.10	20	
Barium	0.971	0.00500	mg/L	1.000		97.1	85-115	1.43	20	
Beryllium	0.975	0.000500	mg/L	1.000		97.5	85-115	1.22	20	
Cadmium	0.965	0.000500	mg/L	1.000		96.5	85-115	1.13	20	
Chromium	0.977	0.00500	mg/L	1.000		97.7	85-115	1.22	20	
Cobalt	0.956	0.00500	mg/L	1.000		95.6	85-115	1.45	20	
Lead	0.965	0.00500	mg/L	1.000		96.5	85-115	1.24	20	
Nickel	0.981	0.00500	mg/L	1.000		98.1	85-115	1.42	20	
Selenium	0.987	0.0100	mg/L	1.000		98.7	85-115	1.31	20	
Silver	0.974	0.000500	mg/L	1.000		97.4	85-115	1.73	20	
Vanadium	0.985	0.00500	mg/L	1.000		98.5	85-115	1.21	20	
Zinc	0.976	0.0100	mg/L	1.000		97.6	85-115	1.32	20	

Matrix Spike (1048229-MS1)

Source: 10K0727-05

Prepared & Analyzed: 11/26/10

Aluminum	1.06	0.0500	mg/L	1.000	ND	106	75-125			
Antimony	1.00	0.00500	mg/L	1.000	ND	100	75-125			
Arsenic	1.02	0.00500	mg/L	1.000	ND	102	75-125			
Barium	0.995	0.00500	mg/L	1.000	0.00123	99.4	75-125			
Beryllium	0.999	0.000500	mg/L	1.000	0.000430	99.9	75-125			
Cadmium	0.985	0.000500	mg/L	1.000	0.000530	98.4	75-125			
Chromium	0.999	0.00500	mg/L	1.000	ND	99.9	75-125			
Cobalt	0.979	0.00500	mg/L	1.000	ND	97.9	75-125			
Lead	0.987	0.00500	mg/L	1.000	ND	98.7	75-125			
Nickel	1.01	0.00500	mg/L	1.000	ND	101	75-125			
Selenium	1.00	0.0100	mg/L	1.000	ND	100	75-125			
Silver	1.00	0.000500	mg/L	1.000	0.000590	99.9	75-125			
Vanadium	1.01	0.00500	mg/L	1.000	0.000510	101	75-125			
Zinc	0.997	0.0100	mg/L	1.000	ND	99.7	75-125			

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

Lab Order: 10K0727

Total Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1048229 - PREP ICP W

Matrix Spike Dup (1048229-MSD1)	Source: 10K0727-05			Prepared & Analyzed: 11/26/10						
Aluminum	1.03	0.0500	mg/L	1.000	ND	103	75-125	2.87	20	
Antimony	0.978	0.00500	mg/L	1.000	ND	97.8	75-125	2.22	20	
Arsenic	0.990	0.00500	mg/L	1.000	ND	99.0	75-125	2.99	20	
Barium	0.962	0.00500	mg/L	1.000	0.00123	96.1	75-125	3.37	20	
Beryllium	0.968	0.000500	mg/L	1.000	0.000430	96.8	75-125	3.15	20	
Cadmium	0.956	0.000500	mg/L	1.000	0.000530	95.5	75-125	2.99	20	
Chromium	0.971	0.00500	mg/L	1.000	ND	97.1	75-125	2.84	20	
Cobalt	0.951	0.00500	mg/L	1.000	ND	95.1	75-125	2.90	20	
Lead	0.957	0.00500	mg/L	1.000	ND	95.7	75-125	3.09	20	
Nickel	0.974	0.00500	mg/L	1.000	ND	97.4	75-125	3.63	20	
Selenium	0.978	0.0100	mg/L	1.000	ND	97.8	75-125	2.22	20	
Silver	0.975	0.000500	mg/L	1.000	0.000590	97.4	75-125	2.53	20	
Vanadium	0.977	0.00500	mg/L	1.000	0.000510	97.6	75-125	3.32	20	
Zinc	0.969	0.0100	mg/L	1.000	ND	96.9	75-125	2.85	20	

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

Lab Order: 10K0727

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1048235 - PREP GFAA W

Blank (1048235-BLK1) Prepared & Analyzed: 11/26/10

Thallium	BDL	0.00100	mg/L							
----------	-----	---------	------	--	--	--	--	--	--	--

LCS (1048235-BS1) Prepared & Analyzed: 11/26/10

Thallium	0.0100	0.00100	mg/L	0.01000		100	80-120			
----------	--------	---------	------	---------	--	-----	--------	--	--	--

LCS Dup (1048235-BSD1) Prepared & Analyzed: 11/26/10

Thallium	0.0107	0.00100	mg/L	0.01000		107	80-120	6	20	
----------	--------	---------	------	---------	--	-----	--------	---	----	--

Matrix Spike (1048235-MS1) Source: 10K0727-05 Prepared & Analyzed: 11/26/10

Thallium	0.0101	0.00100	mg/L	0.01000	ND	101	70-130			
----------	--------	---------	------	---------	----	-----	--------	--	--	--

Matrix Spike Dup (1048235-MSD1) Source: 10K0727-05 Prepared & Analyzed: 11/26/10

Thallium	0.00989	0.00100	mg/L	0.01000	ND	99	70-130	2	30	
----------	---------	---------	------	---------	----	----	--------	---	----	--

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

Lab Order: 10K0727

Mercury Analysis - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1049034 - PREP HG W

Blank (1049034-BLK1)				Prepared & Analyzed: 11/29/10						
Mercury	BDL	0.000200	mg/L							
LCS (1049034-BS1)				Prepared & Analyzed: 11/29/10						
Mercury	0.00642	0.000200	mg/L	0.006250		103	80-120			
LCS Dup (1049034-BSD1)				Prepared & Analyzed: 11/29/10						
Mercury	0.00640	0.000200	mg/L	0.006250		102	80-120	0.3	20	
Matrix Spike (1049034-MS1)				Source: 10K0727-05		Prepared & Analyzed: 11/29/10				
Mercury	0.00635	0.000200	mg/L	0.006250	0.0000649	101	70-130			
Matrix Spike Dup (1049034-MSD1)				Source: 10K0727-05		Prepared & Analyzed: 11/29/10				
Mercury	0.00636	0.000200	mg/L	0.006250	0.0000649	101	70-130	0.2	30	

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

Lab Order: 10K0727

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1047060 - PREP PP W

Blank (1047060-BLK1)

Prepared: 11/16/10 Analyzed: 11/17/10

Aroclor 1016	BDL	0.500	ug/L							
Aroclor 1221	BDL	0.500	ug/L							
Aroclor 1232	BDL	0.500	ug/L							
Aroclor 1242	BDL	0.500	ug/L							
Aroclor 1248	BDL	0.500	ug/L							
Aroclor 1254	BDL	0.500	ug/L							
Aroclor 1260	BDL	0.500	ug/L							
Surrogate: Decachlorobiphenyl	0.680		ug/L	1.000		68.0	36-157			
Surrogate: Tetrachloro-m-xylene	0.700		ug/L	1.000		70.0	28-127			

LCS (1047060-BS1)

Prepared: 11/16/10 Analyzed: 11/17/10

Aroclor 1016	7.34	0.500	ug/L	10.00		73.4	50-170			
Aroclor 1260	7.35	0.500	ug/L	10.00		73.5	53-163			
Surrogate: Decachlorobiphenyl	0.700		ug/L	1.000		70.0	36-157			
Surrogate: Tetrachloro-m-xylene	0.730		ug/L	1.000		73.0	28-127			

LCS Dup (1047060-BSD1)

Prepared: 11/16/10 Analyzed: 11/17/10

Aroclor 1016	7.33	0.500	ug/L	10.00		73.3	50-170	0.136	19	
Aroclor 1260	7.28	0.500	ug/L	10.00		72.8	53-163	0.957	22	
Surrogate: Decachlorobiphenyl	0.740		ug/L	1.000		74.0	36-157			
Surrogate: Tetrachloro-m-xylene	0.740		ug/L	1.000		74.0	28-127			

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1047184 - VOC PREP

Blank (1047184-BLK1)

Prepared & Analyzed: 11/16/10

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							
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							

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1047184 - VOC PREP

Blank (1047184-BLK1)

Prepared & Analyzed: 11/16/10

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							
<i>Surrogate: 4-Bromofluorobenzene</i>	37.0		ug/L	50.00		74.1	41-140			
<i>Surrogate: Dibromofluoromethane</i>	38.0		ug/L	50.00		75.9	34-158			
<i>Surrogate: Toluene-d8</i>	40.5		ug/L	50.00		80.9	47-147			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	35.7		ug/L	50.00		71.4	29-163			

Blank (1047184-BLK2)

Prepared & Analyzed: 11/17/10

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							
Bromomethane	BDL	2.00	ug/L							
Carbon Disulfide	BDL	5.00	ug/L							

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1047184 - VOC PREP

Blank (1047184-BLK2)

Prepared & Analyzed: 11/17/10

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	46.1		ug/L	50.00		92.3	41-140			
Surrogate: Dibromofluoromethane	28.8		ug/L	50.00		57.5	34-158			
Surrogate: Toluene-d8	32.4		ug/L	50.00		64.8	47-147			
Surrogate: 1,2-Dichloroethane-d4	24.8		ug/L	50.00		49.6	29-163			

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1047184 - VOC PREP

LCS (1047184-BS1)

Prepared & Analyzed: 11/16/10

1,1,1,2-Tetrachloroethane	21.5	1.00	ug/L	20.00		107	78-128			
1,1,1-Trichloroethane	21.9	1.00	ug/L	20.00		109	70-135			
1,1,2,2-Tetrachloroethane	21.3	1.00	ug/L	20.00		107	68-135			
1,1,2-Trichloroethane	21.2	1.00	ug/L	20.00		106	74-131			
1,1-Dichloroethane	24.6	2.00	ug/L	20.00		123	72-134			
1,1-Dichloroethene	20.9	1.00	ug/L	20.00		105	62-143			
1,1-Dichloropropene	21.9	5.00	ug/L	20.00		109	82-128			
1,2-Dibromoethane	20.1	5.00	ug/L	20.00		101	67-132			
1,2-Dichloroethane	22.1	1.00	ug/L	20.00		110	72-131			
1,2-Dichloropropane	23.5	1.00	ug/L	20.00		117	75-128			
1,3-Dichloropropane	20.6	1.00	ug/L	20.00		103	73-130			
2,2-Dichloropropane	25.0	1.00	ug/L	20.00		125	45-173			
2-Butanone	72.6	10.0	ug/L	80.00		90.7	42-140			
2-Chlorotoluene	23.3	1.00	ug/L	20.00		117	76-126			
2-Hexanone	78.7	10.0	ug/L	80.00		98.3	18-178			
4-Chlorotoluene	21.9	1.00	ug/L	20.00		110	77-132			
4-Methyl-2-pentanone	69.9	10.0	ug/L	80.00		87.4	42-160			
Acetone	85.7	10.0	ug/L	80.00		107	30-173			
Acetonitrile	24.8	40.0	ug/L	20.00		124	58-150			
Acrylonitrile	21.9	10.0	ug/L	20.00		109	64-153			
Allyl chloride	20.2	1.00	ug/L	20.00		101	67-149			
Benzene	21.8	1.00	ug/L	20.00		109	77-126			
Bromobenzene	21.1	1.00	ug/L	20.00		106	72-131			
Bromochloromethane	19.4	1.00	ug/L	20.00		97.0	71-135			
Bromodichloromethane	22.3	1.00	ug/L	20.00		112	78-129			
Bromoform	19.9	1.00	ug/L	20.00		99.3	69-135			
Bromomethane	27.1	2.00	ug/L	20.00		136	14-193			
Carbon Disulfide	17.0	5.00	ug/L	20.00		84.8	54-150			
Carbon Tetrachloride	20.1	1.00	ug/L	20.00		101	67-138			
Chlorobenzene	22.2	1.00	ug/L	20.00		111	77-125			
Chloroethane	27.6	1.00	ug/L	20.00		138	27-170			
Chloroform	24.4	1.00	ug/L	20.00		122	73-136			
Chloromethane	21.2	1.00	ug/L	20.00		106	44-145			
cis-1,2-Dichloroethene	23.7	1.00	ug/L	20.00		119	77-137			
cis-1,3-Dichloropropene	21.5	1.00	ug/L	20.00		107	70-133			
Dibromochloromethane	21.3	1.00	ug/L	20.00		106	68-131			
Dibromomethane	19.5	1.00	ug/L	20.00		97.4	74-129			
Dichlorodifluoromethane	20.7	2.00	ug/L	20.00		103	41-145			
Ethylbenzene	23.2	1.00	ug/L	20.00		116	79-126			
Iodomethane	17.4	10.0	ug/L	20.00		86.8	52-150			
Methylene Chloride	21.1	1.00	ug/L	20.00		106	43-162			
Methyl tert-Butyl Ether	17.6	10.0	ug/L	20.00		87.8	63-134			
m,p-Xylene	49.3	2.00	ug/L	40.00		123	82-132			
n-Hexane	27.8	5.00	ug/L	21.20		131	10-216			
o-Xylene	22.4	1.00	ug/L	20.00		112	81-128			

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1047184 - VOC PREP

LCS (1047184-BS1)

Prepared & Analyzed: 11/16/10

Styrene	22.5	1.00	ug/L	20.00		113	81-129			
Tetrachloroethene	18.2	2.00	ug/L	20.00		90.8	43-152			
Toluene	21.8	1.00	ug/L	20.00		109	79-128			
trans-1,2-Dichloroethene	20.4	1.00	ug/L	20.00		102	60-144			
trans-1,3-Dichloropropene	21.5	1.00	ug/L	20.00		107	67-138			
Trichloroethene	19.8	2.00	ug/L	20.00		98.8	74-132			
Trichlorofluoromethane	23.7	2.00	ug/L	20.00		119	48-170			
Vinyl Chloride	22.7	1.00	ug/L	20.00		113	60-143			
Vinyl acetate	18.7	10.0	ug/L	20.00		93.4	16-196			
<i>Surrogate: 4-Bromofluorobenzene</i>	37.4		ug/L	50.00		74.8	41-140			
<i>Surrogate: Dibromofluoromethane</i>	37.7		ug/L	50.00		75.4	34-158			
<i>Surrogate: Toluene-d8</i>	39.3		ug/L	50.00		78.7	47-147			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	35.2		ug/L	50.00		70.4	29-163			

LCS (1047184-BS2)

Prepared & Analyzed: 11/17/10

1,1,1,2-Tetrachloroethane	20.0	1.00	ug/L	20.00		100	78-128			
1,1,1-Trichloroethane	21.5	1.00	ug/L	20.00		107	70-135			
1,1,2,2-Tetrachloroethane	21.3	1.00	ug/L	20.00		106	68-135			
1,1,2-Trichloroethane	20.9	1.00	ug/L	20.00		105	74-131			
1,1-Dichloroethane	21.4	2.00	ug/L	20.00		107	72-134			
1,1-Dichloroethene	24.8	1.00	ug/L	20.00		124	62-143			
1,1-Dichloropropene	21.5	5.00	ug/L	20.00		108	82-128			
1,2-Dibromoethane	21.2	5.00	ug/L	20.00		106	67-132			
1,2-Dichloroethane	21.3	1.00	ug/L	20.00		107	72-131			
1,2-Dichloropropane	20.4	1.00	ug/L	20.00		102	75-128			
1,3-Dichloropropane	20.5	1.00	ug/L	20.00		102	73-130			
2,2-Dichloropropane	22.3	1.00	ug/L	20.00		111	45-173			
2-Butanone	77.2	10.0	ug/L	80.00		96.4	42-140			
2-Chlorotoluene	19.7	1.00	ug/L	20.00		98.4	76-126			
2-Hexanone	79.9	10.0	ug/L	80.00		99.9	18-178			
4-Chlorotoluene	19.8	1.00	ug/L	20.00		98.8	77-132			
4-Methyl-2-pentanone	82.5	10.0	ug/L	80.00		103	42-160			
Acetone	104	10.0	ug/L	80.00		130	30-173			
Acetonitrile	21.4	40.0	ug/L	20.00		107	58-150			
Acrylonitrile	22.2	10.0	ug/L	20.00		111	64-153			
Allyl chloride	22.9	1.00	ug/L	20.00		114	67-149			
Benzene	21.0	1.00	ug/L	20.00		105	77-126			
Bromobenzene	19.8	1.00	ug/L	20.00		99.0	72-131			
Bromochloromethane	21.4	1.00	ug/L	20.00		107	71-135			
Bromodichloromethane	21.1	1.00	ug/L	20.00		105	78-129			
Bromoform	20.5	1.00	ug/L	20.00		102	69-135			
Bromomethane	53.3	2.00	ug/L	20.00		266	14-193			
Carbon Disulfide	26.3	5.00	ug/L	20.00		131	54-150			
Carbon Tetrachloride	21.4	1.00	ug/L	20.00		107	67-138			
Chlorobenzene	20.3	1.00	ug/L	20.00		101	77-125			

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1047184 - VOC PREP

LCS (1047184-BS2)

Prepared & Analyzed: 11/17/10

Chloroethane	BDL	1.00	ug/L	20.00			27-170			
Chloroform	22.2	1.00	ug/L	20.00		111	73-136			
Chloromethane	23.4	1.00	ug/L	20.00		117	44-145			
cis-1,2-Dichloroethene	20.8	1.00	ug/L	20.00		104	77-137			
cis-1,3-Dichloropropene	21.1	1.00	ug/L	20.00		105	70-133			
Dibromochloromethane	21.1	1.00	ug/L	20.00		106	68-131			
Dibromomethane	20.8	1.00	ug/L	20.00		104	74-129			
Dichlorodifluoromethane	29.8	2.00	ug/L	20.00		149	41-145			
Ethylbenzene	20.0	1.00	ug/L	20.00		100	79-126			
Iodomethane	28.5	10.0	ug/L	20.00		142	52-150			
Methylene Chloride	19.5	1.00	ug/L	20.00		97.6	43-162			
Methyl tert-Butyl Ether	19.3	10.0	ug/L	20.00		96.3	63-134			
m,p-Xylene	40.3	2.00	ug/L	40.00		101	82-132			
n-Hexane	19.0	5.00	ug/L	21.20		89.6	10-216			
o-Xylene	20.1	1.00	ug/L	20.00		100	81-128			
Styrene	20.6	1.00	ug/L	20.00		103	81-129			
Tetrachloroethene	22.3	2.00	ug/L	20.00		112	43-152			
Toluene	20.0	1.00	ug/L	20.00		100	79-128			
trans-1,2-Dichloroethene	22.9	1.00	ug/L	20.00		115	60-144			
trans-1,3-Dichloropropene	21.2	1.00	ug/L	20.00		106	67-138			
Trichloroethene	21.5	2.00	ug/L	20.00		108	74-132			
Trichlorofluoromethane	21.0	2.00	ug/L	20.00		105	48-170			
Vinyl Chloride	24.2	1.00	ug/L	20.00		121	60-143			
Vinyl acetate	16.6	10.0	ug/L	20.00		83.0	16-196			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>46.3</i>		<i>ug/L</i>	<i>50.00</i>		<i>92.5</i>	<i>41-140</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>29.3</i>		<i>ug/L</i>	<i>50.00</i>		<i>58.6</i>	<i>34-158</i>			
<i>Surrogate: Toluene-d8</i>	<i>32.2</i>		<i>ug/L</i>	<i>50.00</i>		<i>64.4</i>	<i>47-147</i>			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>1.71</i>		<i>ug/L</i>	<i>50.00</i>		<i>3.42</i>	<i>29-163</i>			

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1047184 - VOC PREP

LCS Dup (1047184-BSD1)

Prepared & Analyzed: 11/16/10

1,1,1,2-Tetrachloroethane	21.1	1.00	ug/L	20.00		106	78-128	1.64	16	
1,1,1-Trichloroethane	21.3	1.00	ug/L	20.00		106	70-135	2.83	20	
1,1,2,2-Tetrachloroethane	21.0	1.00	ug/L	20.00		105	68-135	1.75	19	
1,1,2-Trichloroethane	20.7	1.00	ug/L	20.00		104	74-131	2.05	16	
1,1-Dichloroethane	23.7	2.00	ug/L	20.00		118	72-134	3.89	19	
1,1-Dichloroethene	19.5	1.00	ug/L	20.00		97.6	62-143	6.92	20	
1,1-Dichloropropene	21.5	5.00	ug/L	20.00		107	82-128	1.89	18	
1,2-Dibromoethane	19.9	5.00	ug/L	20.00		99.4	67-132	1.25	13	
1,2-Dichloroethane	22.3	1.00	ug/L	20.00		112	72-131	0.946	16	
1,2-Dichloropropane	22.7	1.00	ug/L	20.00		114	75-128	3.29	19	
1,3-Dichloropropane	20.3	1.00	ug/L	20.00		101	73-130	1.76	13	
2,2-Dichloropropane	23.7	1.00	ug/L	20.00		118	45-173	5.30	25	
2-Butanone	71.8	10.0	ug/L	80.00		89.7	42-140	1.11	18	
2-Chlorotoluene	22.7	1.00	ug/L	20.00		113	76-126	2.91	20	
2-Hexanone	77.6	10.0	ug/L	80.00		97.0	18-178	1.36	17	
4-Chlorotoluene	21.7	1.00	ug/L	20.00		108	77-132	1.15	22	
4-Methyl-2-pentanone	64.3	10.0	ug/L	80.00		80.3	42-160	8.41	67	
Acetone	91.7	10.0	ug/L	80.00		115	30-173	6.78	24	
Acetonitrile	23.0	40.0	ug/L	20.00		115	58-150	7.55	25	
Acrylonitrile	21.2	10.0	ug/L	20.00		106	64-153	3.06	20	
Allyl chloride	20.2	1.00	ug/L	20.00		101	67-149	0.297	16	
Benzene	21.0	1.00	ug/L	20.00		105	77-126	3.41	19	
Bromobenzene	20.6	1.00	ug/L	20.00		103	72-131	2.30	20	
Bromochloromethane	19.2	1.00	ug/L	20.00		95.8	71-135	1.19	16	
Bromodichloromethane	21.8	1.00	ug/L	20.00		109	78-129	2.54	17	
Bromoform	20.0	1.00	ug/L	20.00		99.8	69-135	0.452	18	
Bromomethane	25.8	2.00	ug/L	20.00		129	14-193	4.95	28	
Carbon Disulfide	15.2	5.00	ug/L	20.00		76.0	54-150	11.0	19	
Carbon Tetrachloride	21.0	1.00	ug/L	20.00		105	67-138	4.38	21	
Chlorobenzene	21.5	1.00	ug/L	20.00		107	77-125	3.39	19	
Chloroethane	25.5	1.00	ug/L	20.00		128	27-170	7.80	64	
Chloroform	23.3	1.00	ug/L	20.00		117	73-136	4.32	19	
Chloromethane	19.5	1.00	ug/L	20.00		97.6	44-145	8.20	26	
cis-1,2-Dichloroethene	22.6	1.00	ug/L	20.00		113	77-137	4.79	17	
cis-1,3-Dichloropropene	22.3	1.00	ug/L	20.00		112	70-133	3.79	19	
Dibromochloromethane	21.2	1.00	ug/L	20.00		106	68-131	0.282	18	
Dibromomethane	19.2	1.00	ug/L	20.00		95.8	74-129	1.71	16	
Dichlorodifluoromethane	19.2	2.00	ug/L	20.00		95.8	41-145	7.73	15	
Ethylbenzene	22.5	1.00	ug/L	20.00		112	79-126	2.89	20	
Iodomethane	15.0	10.0	ug/L	20.00		75.2	52-150	14.4	25	
Methylene Chloride	20.2	1.00	ug/L	20.00		101	43-162	4.55	28	
Methyl tert-Butyl Ether	17.5	10.0	ug/L	20.00		87.4	63-134	0.456	20	
m,p-Xylene	47.4	2.00	ug/L	40.00		119	82-132	3.81	18	
n-Hexane	26.6	5.00	ug/L	21.20		125	10-216	4.49	64	
o-Xylene	21.5	1.00	ug/L	20.00		108	81-128	3.78	19	

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1047184 - VOC PREP

LCS Dup (1047184-BSD1)

Prepared & Analyzed: 11/16/10

Styrene	21.3	1.00	ug/L	20.00		106	81-129	5.70	17	
Tetrachloroethene	19.0	2.00	ug/L	20.00		94.8	43-152	4.37	29	
Toluene	21.1	1.00	ug/L	20.00		106	79-128	2.99	19	
trans-1,2-Dichloroethene	19.6	1.00	ug/L	20.00		98.0	60-144	3.95	20	
trans-1,3-Dichloropropene	22.3	1.00	ug/L	20.00		112	67-138	3.79	17	
Trichloroethene	18.9	2.00	ug/L	20.00		94.6	74-132	4.35	20	
Trichlorofluoromethane	21.9	2.00	ug/L	20.00		110	48-170	7.88	50	
Vinyl Chloride	21.2	1.00	ug/L	20.00		106	60-143	6.65	19	
Vinyl acetate	17.8	10.0	ug/L	20.00		88.8	16-196	5.00	45	
Surrogate: 4-Bromofluorobenzene	38.0		ug/L	50.00		76.0	41-140			
Surrogate: Dibromofluoromethane	37.6		ug/L	50.00		75.2	34-158			
Surrogate: Toluene-d8	39.8		ug/L	50.00		79.6	47-147			
Surrogate: 1,2-Dichloroethane-d4	34.6		ug/L	50.00		69.2	29-163			

LCS Dup (1047184-BSD2)

Prepared & Analyzed: 11/17/10

1,1,1,2-Tetrachloroethane	19.6	1.00	ug/L	20.00		98.2	78-128	1.92	16	
1,1,1-Trichloroethane	21.6	1.00	ug/L	20.00		108	70-135	0.418	20	
1,1,2,2-Tetrachloroethane	21.3	1.00	ug/L	20.00		107	68-135	0.329	19	
1,1,2-Trichloroethane	21.1	1.00	ug/L	20.00		105	74-131	0.571	16	
1,1-Dichloroethane	21.5	2.00	ug/L	20.00		107	72-134	0.466	19	
1,1-Dichloroethene	24.4	1.00	ug/L	20.00		122	62-143	1.30	20	
1,1-Dichloropropene	21.6	5.00	ug/L	20.00		108	82-128	0.278	18	
1,2-Dibromoethane	21.3	5.00	ug/L	20.00		107	67-132	0.423	13	
1,2-Dichloroethane	21.0	1.00	ug/L	20.00		105	72-131	1.32	16	
1,2-Dichloropropane	20.6	1.00	ug/L	20.00		103	75-128	0.732	19	
1,3-Dichloropropane	20.2	1.00	ug/L	20.00		101	73-130	1.33	13	
2,2-Dichloropropane	21.4	1.00	ug/L	20.00		107	45-173	3.84	25	
2-Butanone	76.4	10.0	ug/L	80.00		95.4	42-140	1.06	18	
2-Chlorotoluene	19.9	1.00	ug/L	20.00		99.7	76-126	1.26	20	
2-Hexanone	79.4	10.0	ug/L	80.00		99.2	18-178	0.716	17	
4-Chlorotoluene	19.6	1.00	ug/L	20.00		98.0	77-132	0.711	22	
4-Methyl-2-pentanone	80.7	10.0	ug/L	80.00		101	42-160	2.21	67	
Acetone	96.4	10.0	ug/L	80.00		121	30-173	7.57	24	
Acetonitrile	20.7	40.0	ug/L	20.00		103	58-150	3.33	25	
Acrylonitrile	20.8	10.0	ug/L	20.00		104	64-153	6.66	20	
Allyl chloride	22.5	1.00	ug/L	20.00		113	67-149	1.59	16	
Benzene	21.2	1.00	ug/L	20.00		106	77-126	0.521	19	
Bromobenzene	20.1	1.00	ug/L	20.00		101	72-131	1.55	20	
Bromochloromethane	21.0	1.00	ug/L	20.00		105	71-135	1.70	16	
Bromodichloromethane	20.8	1.00	ug/L	20.00		104	78-129	1.43	17	
Bromoform	20.5	1.00	ug/L	20.00		102	69-135	0.147	18	
Bromomethane	50.4	2.00	ug/L	20.00		252	14-193	5.57	28	
Carbon Disulfide	26.3	5.00	ug/L	20.00		132	54-150	0.0761	19	
Carbon Tetrachloride	4.48	1.00	ug/L	20.00		22.4	67-138	131	21	
Chlorobenzene	20.4	1.00	ug/L	20.00		102	77-125	0.541	19	

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1047184 - VOC PREP

LCS Dup (1047184-BSD2)

Prepared & Analyzed: 11/17/10

Chloroethane	30.2	1.00	ug/L	20.00		151	27-170		64	
Chloroform	22.2	1.00	ug/L	20.00		111	73-136	0.316	19	
Chloromethane	23.5	1.00	ug/L	20.00		117	44-145	0.256	26	
cis-1,2-Dichloroethene	20.6	1.00	ug/L	20.00		103	77-137	1.11	17	
cis-1,3-Dichloropropene	21.1	1.00	ug/L	20.00		106	70-133	0.237	19	
Dibromochloromethane	21.1	1.00	ug/L	20.00		105	68-131	0.332	18	
Dibromomethane	21.0	1.00	ug/L	20.00		105	74-129	1.29	16	
Dichlorodifluoromethane	29.7	2.00	ug/L	20.00		149	41-145	0.0336	15	
Ethylbenzene	19.9	1.00	ug/L	20.00		99.5	79-126	0.651	20	
Iodomethane	29.6	10.0	ug/L	20.00		148	52-150	3.62	25	
Methylene Chloride	19.4	1.00	ug/L	20.00		96.8	43-162	0.771	28	
Methyl tert-Butyl Ether	19.2	10.0	ug/L	20.00		95.8	63-134	0.521	20	
m,p-Xylene	40.7	2.00	ug/L	40.00		102	82-132	1.04	18	
n-Hexane	21.4	5.00	ug/L	21.20		101	10-216	12.0	64	
o-Xylene	20.4	1.00	ug/L	20.00		102	81-128	1.73	19	
Styrene	20.4	1.00	ug/L	20.00		102	81-129	1.12	17	
Tetrachloroethene	25.6	2.00	ug/L	20.00		128	43-152	13.5	29	
Toluene	19.7	1.00	ug/L	20.00		98.6	79-128	1.41	19	
trans-1,2-Dichloroethene	22.4	1.00	ug/L	20.00		112	60-144	2.34	20	
trans-1,3-Dichloropropene	20.9	1.00	ug/L	20.00		105	67-138	1.47	17	
Trichloroethene	21.2	2.00	ug/L	20.00		106	74-132	1.31	20	
Trichlorofluoromethane	19.9	2.00	ug/L	20.00		99.7	48-170	4.94	50	
Vinyl Chloride	23.8	1.00	ug/L	20.00		119	60-143	1.50	19	
Vinyl acetate	15.1	10.0	ug/L	20.00		75.7	16-196	9.14	45	
Surrogate: 4-Bromofluorobenzene	46.9		ug/L	50.00		93.7	41-140			
Surrogate: Dibromofluoromethane	28.7		ug/L	50.00		57.5	34-158			
Surrogate: Toluene-d8	32.0		ug/L	50.00		64.1	47-147			
Surrogate: 1,2-Dichloroethane-d4	1.66		ug/L	50.00		3.32	29-163			

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1047287 - VOC PREP

Blank (1047287-BLK1)

Prepared & Analyzed: 11/17/10

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: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1047287 - VOC PREP

Blank (1047287-BLK1)

Prepared & Analyzed: 11/17/10

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>	36.1		ug/L	50.00		72.3	41-140			
<i>Surrogate: Dibromofluoromethane</i>	36.2		ug/L	50.00		72.5	34-158			
<i>Surrogate: Toluene-d8</i>	39.9		ug/L	50.00		79.9	47-147			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	33.2		ug/L	50.00		66.3	29-163			

LCS (1047287-BS1)

Prepared & Analyzed: 11/17/10

1,1,1,2-Tetrachloroethane	19.9	5.00	ug/L	20.00		99.4	78-128			
1,1,1-Trichloroethane	23.0	5.00	ug/L	20.00		115	70-135			
1,1,2,2-Tetrachloroethane	18.9	5.00	ug/L	20.00		94.6	68-135			
1,1,2-Trichloroethane	19.0	5.00	ug/L	20.00		95.2	74-131			
1,1-Dichloroethane	24.8	5.00	ug/L	20.00		124	72-134			
1,1-Dichloroethene	29.2	5.00	ug/L	20.00		146	62-143			L
1,1-Dichloropropene	23.6	5.00	ug/L	20.00		118	82-128			
1,2-Dibromoethane	18.6	5.00	ug/L	20.00		92.8	67-132			
1,2-Dichloroethane	21.4	5.00	ug/L	20.00		107	72-131			
1,2-Dichloropropane	22.2	5.00	ug/L	20.00		111	75-128			
1,3-Dichloropropane	19.0	5.00	ug/L	20.00		94.8	73-130			
2,2-Dichloropropane	25.9	5.00	ug/L	20.00		130	45-173			
2-Butanone	63.6	20.0	ug/L	80.00		79.6	42-140			
2-Chlorotoluene	21.6	5.00	ug/L	20.00		108	76-126			
2-Hexanone	69.6	20.0	ug/L	80.00		87.1	18-178			
4-Chlorotoluene	20.7	5.00	ug/L	20.00		103	77-132			
4-Methyl-2-pentanone	59.8	20.0	ug/L	80.00		74.7	42-160			
Acetone	79.2	20.0	ug/L	80.00		99.0	30-173			
Acetonitrile	22.2	40.0	ug/L	20.00		111	58-150			
Acrylonitrile	20.0	20.0	ug/L	20.00		100	64-153			
Allyl chloride	23.8	5.00	ug/L	20.00		119	67-149			
Benzene	21.9	5.00	ug/L	20.00		109	77-126			
Bromobenzene	19.6	5.00	ug/L	20.00		97.8	72-131			
Bromochloromethane	18.8	5.00	ug/L	20.00		93.9	71-135			
Bromodichloromethane	20.8	5.00	ug/L	20.00		104	78-129			
Bromoform	18.3	5.00	ug/L	20.00		91.4	69-135			
Bromomethane	31.5	5.00	ug/L	20.00		158	14-193			
Carbon Disulfide	28.3	20.0	ug/L	20.00		142	54-150			

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1047287 - VOC PREP

LCS (1047287-BS1)

Prepared & Analyzed: 11/17/10

Carbon Tetrachloride	20.6	5.00	ug/L	20.00		103	67-138			
Chlorobenzene	20.2	5.00	ug/L	20.00		101	77-125			
Chloroethane	29.3	5.00	ug/L	20.00		146	27-170			
Chloroform	22.8	5.00	ug/L	20.00		114	73-136			
Chloromethane	23.6	5.00	ug/L	20.00		118	44-145			
cis-1,2-Dichloroethene	22.7	5.00	ug/L	20.00		113	77-137			
cis-1,3-Dichloropropene	20.6	5.00	ug/L	20.00		103	70-133			
Dibromochloromethane	19.5	5.00	ug/L	20.00		97.6	68-131			
Dibromomethane	18.3	5.00	ug/L	20.00		91.4	74-129			
Dichlorodifluoromethane	25.7	5.00	ug/L	20.00		129	41-145			
Ethylbenzene	21.8	5.00	ug/L	20.00		109	79-126			
Iodomethane	25.2	10.0	ug/L	20.00		126	52-150			
Methylene Chloride	21.0	5.00	ug/L	20.00		105	43-162			
Methyl tert-Butyl Ether	16.7	10.0	ug/L	20.00		83.6	63-134			
m,p-Xylene	46.1	10.0	ug/L	40.00		115	82-132			
n-Butylbenzene	26.2	5.00	ug/L	20.00		131	80-135			
n-Hexane	34.2	5.00	ug/L	21.20		161	10-216			
o-Xylene	20.6	5.00	ug/L	20.00		103	81-128			
Styrene	19.8	5.00	ug/L	20.00		99.2	81-129			
Tetrachloroethene	15.1	5.00	ug/L	20.00		75.5	43-152			
Toluene	20.5	5.00	ug/L	20.00		103	79-128			
trans-1,2-Dichloroethene	22.4	5.00	ug/L	20.00		112	60-144			
trans-1,3-Dichloropropene	20.6	5.00	ug/L	20.00		103	67-138			
Trichloroethene	19.8	5.00	ug/L	20.00		98.8	74-132			
Trichlorofluoromethane	25.1	5.00	ug/L	20.00		125	48-170			
Vinyl Chloride	25.2	1.00	ug/L	20.00		126	60-143			
Vinyl acetate	18.0	10.0	ug/L	20.00		89.8	16-196			
Surrogate: 4-Bromofluorobenzene	37.0		ug/L	50.00		73.9	41-140			
Surrogate: Dibromofluoromethane	36.1		ug/L	50.00		72.2	34-158			
Surrogate: Toluene-d8	38.6		ug/L	50.00		77.2	47-147			
Surrogate: 1,2-Dichloroethane-d4	32.4		ug/L	50.00		64.8	29-163			

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

Lab Order: 10K0727

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
Batch 1047287 - VOC PREP										
LCS Dup (1047287-BS1)										
Prepared & Analyzed: 11/17/10										
1,1,1,2-Tetrachloroethane	20.7	5.00	ug/L	20.00		103	78-128	4.00	16	
1,1,1-Trichloroethane	23.7	5.00	ug/L	20.00		119	70-135	3.21	20	
1,1,2,2-Tetrachloroethane	19.4	5.00	ug/L	20.00		97.1	68-135	2.61	19	
1,1,2-Trichloroethane	19.9	5.00	ug/L	20.00		99.3	74-131	4.27	16	
1,1-Dichloroethane	25.7	5.00	ug/L	20.00		128	72-134	3.69	19	
1,1-Dichloroethene	30.0	5.00	ug/L	20.00		150	62-143	2.77	20	L
1,1-Dichloropropene	24.4	5.00	ug/L	20.00		122	82-128	3.54	18	
1,2-Dibromoethane	19.4	5.00	ug/L	20.00		96.8	67-132	4.17	13	
1,2-Dichloroethane	22.7	5.00	ug/L	20.00		113	72-131	5.62	16	
1,2-Dichloropropane	22.6	5.00	ug/L	20.00		113	75-128	1.74	19	
1,3-Dichloropropane	19.5	5.00	ug/L	20.00		97.5	73-130	2.86	13	
2,2-Dichloropropane	27.0	5.00	ug/L	20.00		135	45-173	4.04	25	
2-Butanone	65.9	20.0	ug/L	80.00		82.4	42-140	3.53	18	
2-Chlorotoluene	22.2	5.00	ug/L	20.00		111	76-126	2.79	20	
2-Hexanone	75.1	20.0	ug/L	80.00		93.8	18-178	7.50	17	
4-Chlorotoluene	20.7	5.00	ug/L	20.00		104	77-132	0.145	22	
4-Methyl-2-pentanone	63.5	20.0	ug/L	80.00		79.4	42-160	6.13	67	
Acetone	88.2	20.0	ug/L	80.00		110	30-173	10.8	24	
Acetonitrile	21.3	40.0	ug/L	20.00		106	58-150	4.09	25	
Acrylonitrile	20.1	20.0	ug/L	20.00		101	64-153	0.398	20	
Allyl chloride	25.2	5.00	ug/L	20.00		126	67-149	5.50	16	
Benzene	22.8	5.00	ug/L	20.00		114	77-126	4.34	19	
Bromobenzene	20.0	5.00	ug/L	20.00		99.9	72-131	2.18	20	
Bromochloromethane	19.8	5.00	ug/L	20.00		99.0	71-135	5.24	16	
Bromodichloromethane	21.8	5.00	ug/L	20.00		109	78-129	4.60	17	
Bromoform	19.1	5.00	ug/L	20.00		95.5	69-135	4.39	18	
Bromomethane	31.2	5.00	ug/L	20.00		156	14-193	1.12	28	
Carbon Disulfide	29.8	20.0	ug/L	20.00		149	54-150	5.26	19	
Carbon Tetrachloride	22.5	5.00	ug/L	20.00		112	67-138	8.78	21	
Chlorobenzene	20.5	5.00	ug/L	20.00		103	77-125	1.57	19	
Chloroethane	29.4	5.00	ug/L	20.00		147	27-170	0.579	64	
Chloroform	23.7	5.00	ug/L	20.00		118	73-136	3.61	19	
Chloromethane	24.3	5.00	ug/L	20.00		122	44-145	2.80	26	
cis-1,2-Dichloroethene	23.8	5.00	ug/L	20.00		119	77-137	5.03	17	
cis-1,3-Dichloropropene	21.4	5.00	ug/L	20.00		107	70-133	4.24	19	
Dibromochloromethane	20.6	5.00	ug/L	20.00		103	68-131	5.19	18	
Dibromomethane	19.1	5.00	ug/L	20.00		95.4	74-129	4.18	16	
Dichlorodifluoromethane	25.8	5.00	ug/L	20.00		129	41-145	0.504	15	
Ethylbenzene	22.0	5.00	ug/L	20.00		110	79-126	0.821	20	
Iodomethane	27.5	10.0	ug/L	20.00		137	52-150	8.85	25	
Methylene Chloride	22.4	5.00	ug/L	20.00		112	43-162	6.26	28	
Methyl tert-Butyl Ether	17.7	10.0	ug/L	20.00		88.5	63-134	5.69	20	
m,p-Xylene	47.2	10.0	ug/L	40.00		118	82-132	2.51	18	
n-Butylbenzene	25.3	5.00	ug/L	20.00		127	80-135	3.30	18	
n-Hexane	34.6	5.00	ug/L	21.20		163	10-216	1.05	64	

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1047287 - VOC PREP

LCS Dup (1047287-BSD1)

Prepared & Analyzed: 11/17/10

o-Xylene	21.3	5.00	ug/L	20.00		107	81-128	3.19	19	
Styrene	20.5	5.00	ug/L	20.00		103	81-129	3.42	17	
Tetrachloroethene	16.0	5.00	ug/L	20.00		80.1	43-152	5.91	29	
Toluene	21.4	5.00	ug/L	20.00		107	79-128	4.15	19	
trans-1,2-Dichloroethene	23.6	5.00	ug/L	20.00		118	60-144	5.57	20	
trans-1,3-Dichloropropene	21.4	5.00	ug/L	20.00		107	67-138	4.24	17	
Trichloroethene	20.1	5.00	ug/L	20.00		100	74-132	1.71	20	
Trichlorofluoromethane	26.1	5.00	ug/L	20.00		131	48-170	4.10	50	
Vinyl Chloride	25.5	1.00	ug/L	20.00		128	60-143	1.18	19	
Vinyl acetate	18.8	10.0	ug/L	20.00		94.2	16-196	4.73	45	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>38.0</i>		<i>ug/L</i>	<i>50.00</i>		<i>76.1</i>	<i>41-140</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>36.8</i>		<i>ug/L</i>	<i>50.00</i>		<i>73.6</i>	<i>34-158</i>			
<i>Surrogate: Toluene-d8</i>	<i>39.3</i>		<i>ug/L</i>	<i>50.00</i>		<i>78.5</i>	<i>47-147</i>			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>32.9</i>		<i>ug/L</i>	<i>50.00</i>		<i>65.7</i>	<i>29-163</i>			

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1049186 - VOC PREP

Blank (1049186-BLK1)

Prepared & Analyzed: 11/24/10

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: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1049186 - VOC PREP

Blank (1049186-BLK1)

Prepared & Analyzed: 11/24/10

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							
<i>Surrogate: 4-Bromofluorobenzene</i>	39.2		ug/L	50.00		78.3	41-140			
<i>Surrogate: Dibromofluoromethane</i>	40.8		ug/L	50.00		81.7	33-129			
<i>Surrogate: Toluene-d8</i>	42.4		ug/L	50.00		84.7	44-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	40.4		ug/L	50.00		80.8	31-123			

Blank (1049186-BLK2)

Prepared & Analyzed: 11/26/10

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							

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1049186 - VOC PREP

Blank (1049186-BLK2)

Prepared & Analyzed: 11/26/10

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	40.7		ug/L	50.00		81.5	41-140			
Surrogate: Dibromofluoromethane	39.1		ug/L	50.00		78.2	33-129			
Surrogate: Toluene-d8	41.6		ug/L	50.00		83.1	44-130			
Surrogate: 1,2-Dichloroethane-d4	37.9		ug/L	50.00		75.8	31-123			

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1049186 - VOC PREP

LCS (1049186-BS1)

Prepared & Analyzed: 11/24/10

1,1,1,2-Tetrachloroethane	0.0203	0.00500	mg/kg wet	0.02000		101	69-142			
1,1,1-Trichloroethane	0.0209	0.00500	mg/kg wet	0.02000		104	58-127			
1,1,2,2-Tetrachloroethane	0.0206	0.00500	mg/kg wet	0.02000		103	74-141			
1,1,2-Trichloroethane	0.0219	0.00500	mg/kg wet	0.02000		110	73-140			
1,1-Dichloroethane	0.0214	0.00500	mg/kg wet	0.02000		107	60-130			
1,1-Dichloroethene	0.0239	0.00500	mg/kg wet	0.02000		120	62-142			
1,1-Dichloropropene	0.0205	0.00500	mg/kg wet	0.02000		103	63-142			
1,2-Dibromoethane	0.0212	0.00500	mg/kg wet	0.02000		106	72-140			
1,2-Dichloroethane	0.0209	0.00500	mg/kg wet	0.02000		104	70-142			
1,2-Dichloropropane	0.0214	0.00500	mg/kg wet	0.02000		107	66-139			
1,3-Dichloropropane	0.0209	0.00500	mg/kg wet	0.02000		104	75-139			
2,2-Dichloropropane	0.0209	0.00500	mg/kg wet	0.02000		105	10-180			
2-Butanone	0.0652	0.0200	mg/kg wet	0.08000		81.5	44-120			
2-Chlorotoluene	0.0200	0.00500	mg/kg wet	0.02000		100	69-137			
2-Hexanone	0.0730	0.0200	mg/kg wet	0.08000		91.3	10-172			
4-Chlorotoluene	0.0203	0.00500	mg/kg wet	0.02000		102	71-140			
4-Methyl-2-pentanone	0.0747	0.0200	mg/kg wet	0.08000		93.4	10-185			
Acetone	0.0801	0.0500	mg/kg wet	0.08000		100	10-229			
Acetonitrile	0.0215	0.0400	mg/kg wet	0.02000		107	35-169			
Acrylonitrile	0.0204	0.0200	mg/kg wet	0.02000		102	64-150			
Allyl chloride	0.0226	0.0100	mg/kg wet	0.02000		113	50-149			
Benzene	0.0211	0.00500	mg/kg wet	0.02000		106	64-138			
Bromobenzene	0.0203	0.00500	mg/kg wet	0.02000		102	73-140			
Bromochloromethane	0.0216	0.00500	mg/kg wet	0.02000		108	72-132			
Bromodichloromethane	0.0206	0.00500	mg/kg wet	0.02000		103	72-138			
Bromoform	0.0199	0.00500	mg/kg wet	0.02000		99.5	70-144			
Bromomethane	0.0321	0.00500	mg/kg wet	0.02000		161	10-199			
Carbon Disulfide	0.0250	0.0200	mg/kg wet	0.02000		125	38-148			
Carbon Tetrachloride	0.0204	0.00500	mg/kg wet	0.02000		102	49-148			
Chlorobenzene	0.0209	0.00500	mg/kg wet	0.02000		105	70-135			
Chloroethane	0.0174	0.00500	mg/kg wet	0.02000		87.2	17-186			
Chloroform	0.0220	0.00500	mg/kg wet	0.02000		110	64-134			
Chloromethane	0.0131	0.00500	mg/kg wet	0.02000		65.4	47-143			
cis-1,2-Dichloroethene	0.0213	0.00500	mg/kg wet	0.02000		106	66-138			
cis-1,3-Dichloropropene	0.0210	0.00500	mg/kg wet	0.02000		105	66-141			
Dibromochloromethane	0.0205	0.00500	mg/kg wet	0.02000		103	70-139			
Dibromomethane	0.0211	0.00500	mg/kg wet	0.02000		106	76-135			
Dichlorodifluoromethane	0.0119	0.00500	mg/kg wet	0.02000		59.6	20-181			
Ethylbenzene	0.0199	0.00500	mg/kg wet	0.02000		99.6	71-134			
Iodomethane	0.0257	0.0100	mg/kg wet	0.02000		128	13-162			
Methylene Chloride	0.0226	0.00500	mg/kg wet	0.02000		113	10-195			
Methyl tert-Butyl Ether	0.0184	0.0100	mg/kg wet	0.02000		92.2	54-153			
m,p-Xylene	0.0402	0.0100	mg/kg wet	0.04000		100	70-138			
n-Hexane	0.0150	0.00500	mg/kg wet	0.02120		70.6	10-185			
o-Xylene	0.0201	0.00500	mg/kg wet	0.02000		101	72-139			

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1049186 - VOC PREP

LCS (1049186-BS1)

Prepared & Analyzed: 11/24/10

Styrene	0.0205	0.00500	mg/kg wet	0.02000		103	71-142			
Tetrachloroethene	0.0257	0.00500	mg/kg wet	0.02000		128	41-161			
Toluene	0.0203	0.00500	mg/kg wet	0.02000		101	70-136			
trans-1,2-Dichloroethene	0.0225	0.00500	mg/kg wet	0.02000		112	36-159			
trans-1,3-Dichloropropene	0.0210	0.00500	mg/kg wet	0.02000		105	64-142			
Trichloroethene	0.0217	0.00500	mg/kg wet	0.02000		109	65-136			
Trichlorofluoromethane	0.0155	0.00500	mg/kg wet	0.02000		77.4	41-163			
Vinyl Chloride	0.0149	0.00500	mg/kg wet	0.02000		74.4	45-149			
Vinyl acetate	0.0128	0.0100	mg/kg wet	0.02000		63.8	10-208			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>39.4</i>		<i>ug/L</i>	<i>50.00</i>		<i>78.7</i>	<i>41-140</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>39.9</i>		<i>ug/L</i>	<i>50.00</i>		<i>79.9</i>	<i>33-129</i>			
<i>Surrogate: Toluene-d8</i>	<i>41.3</i>		<i>ug/L</i>	<i>50.00</i>		<i>82.7</i>	<i>44-130</i>			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>37.9</i>		<i>ug/L</i>	<i>50.00</i>		<i>75.8</i>	<i>31-123</i>			

LCS (1049186-BS2)

Prepared & Analyzed: 11/26/10

1,1,1,2-Tetrachloroethane	0.0211	0.00500	mg/kg wet	0.02000		105	69-142			
1,1,1-Trichloroethane	0.0205	0.00500	mg/kg wet	0.02000		102	58-127			
1,1,2,2-Tetrachloroethane	0.0229	0.00500	mg/kg wet	0.02000		115	74-141			
1,1,2-Trichloroethane	0.0226	0.00500	mg/kg wet	0.02000		113	73-140			
1,1-Dichloroethane	0.0207	0.00500	mg/kg wet	0.02000		104	60-130			
1,1-Dichloroethene	0.0218	0.00500	mg/kg wet	0.02000		109	62-142			
1,1-Dichloropropene	0.0204	0.00500	mg/kg wet	0.02000		102	63-142			
1,2-Dibromoethane	0.0223	0.00500	mg/kg wet	0.02000		111	72-140			
1,2-Dichloroethane	0.0221	0.00500	mg/kg wet	0.02000		110	70-142			
1,2-Dichloropropane	0.0209	0.00500	mg/kg wet	0.02000		105	66-139			
1,3-Dichloropropane	0.0218	0.00500	mg/kg wet	0.02000		109	75-139			
2,2-Dichloropropane	0.0207	0.00500	mg/kg wet	0.02000		103	10-180			
2-Butanone	0.0753	0.0200	mg/kg wet	0.08000		94.1	44-120			
2-Chlorotoluene	0.0206	0.00500	mg/kg wet	0.02000		103	69-137			
2-Hexanone	0.0817	0.0200	mg/kg wet	0.08000		102	10-172			
4-Chlorotoluene	0.0209	0.00500	mg/kg wet	0.02000		105	71-140			
4-Methyl-2-pentanone	0.0803	0.0200	mg/kg wet	0.08000		100	10-185			
Acetone	0.0883	0.0500	mg/kg wet	0.08000		110	10-229			
Acetonitrile	0.0226	0.0400	mg/kg wet	0.02000		113	35-169			
Acrylonitrile	0.0224	0.0200	mg/kg wet	0.02000		112	64-150			
Allyl chloride	0.0209	0.0100	mg/kg wet	0.02000		105	50-149			
Benzene	0.0201	0.00500	mg/kg wet	0.02000		100	64-138			
Bromobenzene	0.0210	0.00500	mg/kg wet	0.02000		105	73-140			
Bromochloromethane	0.0208	0.00500	mg/kg wet	0.02000		104	72-132			
Bromodichloromethane	0.0218	0.00500	mg/kg wet	0.02000		109	72-138			
Bromoform	0.0221	0.00500	mg/kg wet	0.02000		111	70-144			
Bromomethane	0.0516	0.00500	mg/kg wet	0.02000		258	10-199			L
Carbon Disulfide	0.0222	0.0200	mg/kg wet	0.02000		111	38-148			
Carbon Tetrachloride	0.00420	0.00500	mg/kg wet	0.02000		21.0	49-148			
Chlorobenzene	0.0210	0.00500	mg/kg wet	0.02000		105	70-135			

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1049186 - VOC PREP

LCS (1049186-BS2)

Prepared & Analyzed: 11/26/10

Chloroethane	BDL	0.00500	mg/kg wet	0.02000			17-186			
Chloroform	0.0221	0.00500	mg/kg wet	0.02000		110	64-134			
Chloromethane	0.0172	0.00500	mg/kg wet	0.02000		85.8	47-143			
cis-1,2-Dichloroethene	0.0205	0.00500	mg/kg wet	0.02000		102	66-138			
cis-1,3-Dichloropropene	0.0214	0.00500	mg/kg wet	0.02000		107	66-141			
Dibromochloromethane	0.0224	0.00500	mg/kg wet	0.02000		112	70-139			
Dibromomethane	0.0214	0.00500	mg/kg wet	0.02000		107	76-135			
Dichlorodifluoromethane	0.0199	0.00500	mg/kg wet	0.02000		99.5	20-181			
Ethylbenzene	0.0203	0.00500	mg/kg wet	0.02000		101	71-134			
Iodomethane	0.0223	0.0100	mg/kg wet	0.02000		111	13-162			
Methylene Chloride	0.0204	0.00500	mg/kg wet	0.02000		102	10-195			
Methyl tert-Butyl Ether	0.0177	0.0100	mg/kg wet	0.02000		88.5	54-153			
m,p-Xylene	0.0411	0.0100	mg/kg wet	0.04000		103	70-138			
n-Hexane	0.0142	0.00500	mg/kg wet	0.02120		67.1	10-185			
o-Xylene	0.0205	0.00500	mg/kg wet	0.02000		102	72-139			
Styrene	0.0207	0.00500	mg/kg wet	0.02000		103	71-142			
Tetrachloroethene	0.0212	0.00500	mg/kg wet	0.02000		106	41-161			
Toluene	0.0197	0.00500	mg/kg wet	0.02000		98.7	70-136			
trans-1,2-Dichloroethene	0.0205	0.00500	mg/kg wet	0.02000		102	36-159			
trans-1,3-Dichloropropene	0.0222	0.00500	mg/kg wet	0.02000		111	64-142			
Trichloroethene	0.0211	0.00500	mg/kg wet	0.02000		105	65-136			
Trichlorofluoromethane	0.0215	0.00500	mg/kg wet	0.02000		108	41-163			
Vinyl Chloride	0.0195	0.00500	mg/kg wet	0.02000		97.7	45-149			
Vinyl acetate	0.0155	0.0100	mg/kg wet	0.02000		77.4	10-208			
Surrogate: 4-Bromofluorobenzene	41.7		ug/L	50.00		83.4	41-140			
Surrogate: Dibromofluoromethane	40.1		ug/L	50.00		80.2	33-129			
Surrogate: Toluene-d8	42.0		ug/L	50.00		83.9	44-130			
Surrogate: 1,2-Dichloroethane-d4	41.2		ug/L	50.00		82.3	31-123			

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1049186 - VOC PREP

LCS Dup (1049186-BSD1)

Prepared & Analyzed: 11/24/10

1,1,1,2-Tetrachloroethane	0.0197	0.00500	mg/kg wet	0.02000		98.6	69-142	2.80	23	
1,1,1-Trichloroethane	0.0206	0.00500	mg/kg wet	0.02000		103	58-127	1.25	20	
1,1,2,2-Tetrachloroethane	0.0201	0.00500	mg/kg wet	0.02000		101	74-141	2.16	20	
1,1,2-Trichloroethane	0.0217	0.00500	mg/kg wet	0.02000		109	73-140	0.916	15	
1,1-Dichloroethane	0.0213	0.00500	mg/kg wet	0.02000		106	60-130	0.655	20	
1,1-Dichloroethene	0.0235	0.00500	mg/kg wet	0.02000		117	62-142	1.77	20	
1,1-Dichloropropene	0.0205	0.00500	mg/kg wet	0.02000		102	63-142	0.390	24	
1,2-Dibromoethane	0.0205	0.00500	mg/kg wet	0.02000		103	72-140	3.36	20	
1,2-Dichloroethane	0.0206	0.00500	mg/kg wet	0.02000		103	70-142	1.45	18	
1,2-Dichloropropane	0.0212	0.00500	mg/kg wet	0.02000		106	66-139	1.36	22	
1,3-Dichloropropane	0.0210	0.00500	mg/kg wet	0.02000		105	75-139	0.715	17	
2,2-Dichloropropane	0.0202	0.00500	mg/kg wet	0.02000		101	10-180	3.55	40	
2-Butanone	0.0714	0.0200	mg/kg wet	0.08000		89.2	44-120	9.01	29	
2-Chlorotoluene	0.0194	0.00500	mg/kg wet	0.02000		97.0	69-137	3.10	30	
2-Hexanone	0.0746	0.0200	mg/kg wet	0.08000		93.3	10-172	2.15	40	
4-Chlorotoluene	0.0200	0.00500	mg/kg wet	0.02000		100	71-140	1.54	30	
4-Methyl-2-pentanone	0.0773	0.0200	mg/kg wet	0.08000		96.6	10-185	3.39	100	
Acetone	0.0851	0.0500	mg/kg wet	0.08000		106	10-229	6.07	40	
Acetonitrile	0.0210	0.0400	mg/kg wet	0.02000		105	35-169	2.41	69	
Acrylonitrile	0.0201	0.0200	mg/kg wet	0.02000		100	64-150	1.63	34	
Allyl chloride	0.0219	0.0100	mg/kg wet	0.02000		110	50-149	3.23	35	
Benzene	0.0207	0.00500	mg/kg wet	0.02000		104	64-138	1.91	25	
Bromobenzene	0.0196	0.00500	mg/kg wet	0.02000		98.0	73-140	3.71	30	
Bromochloromethane	0.0212	0.00500	mg/kg wet	0.02000		106	72-132	2.24	25	
Bromodichloromethane	0.0202	0.00500	mg/kg wet	0.02000		101	72-138	1.81	25	
Bromoform	0.0197	0.00500	mg/kg wet	0.02000		98.5	70-144	1.01	30	
Bromomethane	0.0290	0.00500	mg/kg wet	0.02000		145	10-199	10.3	40	
Carbon Disulfide	0.0251	0.0200	mg/kg wet	0.02000		125	38-148	0.120	36	
Carbon Tetrachloride	0.0201	0.00500	mg/kg wet	0.02000		101	49-148	1.28	34	
Chlorobenzene	0.0202	0.00500	mg/kg wet	0.02000		101	70-135	3.40	21	
Chloroethane	0.0158	0.00500	mg/kg wet	0.02000		78.8	17-186	10.2	99	
Chloroform	0.0214	0.00500	mg/kg wet	0.02000		107	64-134	2.35	28	
Chloromethane	0.0131	0.00500	mg/kg wet	0.02000		65.4	47-143	0.153	25	
cis-1,2-Dichloroethene	0.0207	0.00500	mg/kg wet	0.02000		103	66-138	2.86	25	
cis-1,3-Dichloropropene	0.0208	0.00500	mg/kg wet	0.02000		104	66-141	0.861	25	
Dibromochloromethane	0.0201	0.00500	mg/kg wet	0.02000		101	70-139	1.92	25	
Dibromomethane	0.0206	0.00500	mg/kg wet	0.02000		103	76-135	2.35	23	
Dichlorodifluoromethane	0.0120	0.00500	mg/kg wet	0.02000		60.0	20-181	0.669	34	
Ethylbenzene	0.0193	0.00500	mg/kg wet	0.02000		96.4	71-134	3.32	31	
Iodomethane	0.0249	0.0100	mg/kg wet	0.02000		125	13-162	2.96	31	
Methylene Chloride	0.0223	0.00500	mg/kg wet	0.02000		111	10-195	1.34	51	
Methyl tert-Butyl Ether	0.0185	0.0100	mg/kg wet	0.02000		92.6	54-153	0.487	35	
m,p-Xylene	0.0390	0.0100	mg/kg wet	0.04000		97.6	70-138	2.93	31	
n-Hexane	0.0142	0.00500	mg/kg wet	0.02120		66.8	10-185	5.56	60	
o-Xylene	0.0196	0.00500	mg/kg wet	0.02000		98.0	72-139	2.67	23	

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1049186 - VOC PREP

LCS Dup (1049186-BSD1)

Prepared & Analyzed: 11/24/10

Styrene	0.0197	0.00500	mg/kg wet	0.02000		98.4	71-142	4.13	22	
Tetrachloroethene	0.0276	0.00500	mg/kg wet	0.02000		138	41-161	7.17	40	
Toluene	0.0202	0.00500	mg/kg wet	0.02000		101	70-136	0.593	22	
trans-1,2-Dichloroethene	0.0224	0.00500	mg/kg wet	0.02000		112	36-159	0.401	24	
trans-1,3-Dichloropropene	0.0209	0.00500	mg/kg wet	0.02000		105	64-142	0.286	20	
Trichloroethene	0.0220	0.00500	mg/kg wet	0.02000		110	65-136	1.01	23	
Trichlorofluoromethane	0.0146	0.00500	mg/kg wet	0.02000		73.2	41-163	5.51	26	
Vinyl Chloride	0.0146	0.00500	mg/kg wet	0.02000		72.8	45-149	2.24	27	
Vinyl acetate	0.0116	0.0100	mg/kg wet	0.02000		58.1	10-208	9.27	77	
Surrogate: 4-Bromofluorobenzene	39.4		ug/L	50.00		78.9	41-140			
Surrogate: Dibromofluoromethane	40.2		ug/L	50.00		80.4	33-129			
Surrogate: Toluene-d8	41.5		ug/L	50.00		83.0	44-130			
Surrogate: 1,2-Dichloroethane-d4	1.81		ug/L	50.00		3.62	31-123			

LCS Dup (1049186-BSD2)

Prepared & Analyzed: 11/26/10

1,1,1,2-Tetrachloroethane	0.0194	0.00500	mg/kg wet	0.02000		97.0	69-142	8.20	23	
1,1,1-Trichloroethane	0.0191	0.00500	mg/kg wet	0.02000		95.7	58-127	6.76	20	
1,1,2,2-Tetrachloroethane	0.0208	0.00500	mg/kg wet	0.02000		104	74-141	9.46	20	
1,1,2-Trichloroethane	0.0207	0.00500	mg/kg wet	0.02000		104	73-140	9.00	15	
1,1-Dichloroethane	0.0194	0.00500	mg/kg wet	0.02000		96.8	60-130	6.89	20	
1,1-Dichloroethene	0.0208	0.00500	mg/kg wet	0.02000		104	62-142	4.69	20	
1,1-Dichloropropene	0.0189	0.00500	mg/kg wet	0.02000		94.6	63-142	7.43	24	
1,2-Dibromoethane	0.0206	0.00500	mg/kg wet	0.02000		103	72-140	8.07	20	
1,2-Dichloroethane	0.0202	0.00500	mg/kg wet	0.02000		101	70-142	9.09	18	
1,2-Dichloropropane	0.0196	0.00500	mg/kg wet	0.02000		98.1	66-139	6.42	22	
1,3-Dichloropropane	0.0195	0.00500	mg/kg wet	0.02000		97.6	75-139	11.1	17	
2,2-Dichloropropane	0.0192	0.00500	mg/kg wet	0.02000		95.9	10-180	7.43	40	
2-Butanone	0.0655	0.0200	mg/kg wet	0.08000		81.8	44-120	13.9	29	
2-Chlorotoluene	0.0192	0.00500	mg/kg wet	0.02000		96.2	69-137	6.98	30	
2-Hexanone	0.0732	0.0200	mg/kg wet	0.08000		91.5	10-172	11.0	40	
4-Chlorotoluene	0.0195	0.00500	mg/kg wet	0.02000		97.6	71-140	7.07	30	
4-Methyl-2-pentanone	0.0730	0.0200	mg/kg wet	0.08000		91.3	10-185	9.49	100	
Acetone	0.0793	0.0500	mg/kg wet	0.08000		99.2	10-229	10.7	40	
Acetonitrile	0.0188	0.0400	mg/kg wet	0.02000		94.2	35-169	18.1	69	
Acrylonitrile	0.0204	0.0200	mg/kg wet	0.02000		102	64-150	9.06	34	
Allyl chloride	0.0200	0.0100	mg/kg wet	0.02000		99.8	50-149	4.74	35	
Benzene	0.0190	0.00500	mg/kg wet	0.02000		94.8	64-138	5.89	25	
Bromobenzene	0.0196	0.00500	mg/kg wet	0.02000		97.8	73-140	7.25	30	
Bromochloromethane	0.0197	0.00500	mg/kg wet	0.02000		98.6	72-132	5.53	25	
Bromodichloromethane	0.0202	0.00500	mg/kg wet	0.02000		101	72-138	8.00	25	
Bromoform	0.0201	0.00500	mg/kg wet	0.02000		101	70-144	9.56	30	
Bromomethane	0.0396	0.00500	mg/kg wet	0.02000		198	10-199	26.1	40	
Carbon Disulfide	0.0216	0.0200	mg/kg wet	0.02000		108	38-148	2.75	36	
Carbon Tetrachloride	0.00369	0.00500	mg/kg wet	0.02000		18.4	49-148	12.9	34	
Chlorobenzene	0.0200	0.00500	mg/kg wet	0.02000		99.8	70-135	5.32	21	

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1049186 - VOC PREP

LCS Dup (1049186-BSD2)

Prepared & Analyzed: 11/26/10

Chloroethane	0.0251	0.00500	mg/kg wet	0.02000		126	17-186		99	
Chloroform	0.0204	0.00500	mg/kg wet	0.02000		102	64-134	8.01	28	
Chloromethane	0.0157	0.00500	mg/kg wet	0.02000		78.6	47-143	8.70	25	
cis-1,2-Dichloroethene	0.0190	0.00500	mg/kg wet	0.02000		95.2	66-138	7.24	25	
cis-1,3-Dichloropropene	0.0197	0.00500	mg/kg wet	0.02000		98.6	66-141	8.32	25	
Dibromochloromethane	0.0210	0.00500	mg/kg wet	0.02000		105	70-139	6.51	25	
Dibromomethane	0.0200	0.00500	mg/kg wet	0.02000		100	76-135	6.75	23	
Dichlorodifluoromethane	0.0183	0.00500	mg/kg wet	0.02000		91.4	20-181	8.54	34	
Ethylbenzene	0.0188	0.00500	mg/kg wet	0.02000		94.2	71-134	7.21	31	
Iodomethane	0.0214	0.0100	mg/kg wet	0.02000		107	13-162	3.75	31	
Methylene Chloride	0.0193	0.00500	mg/kg wet	0.02000		96.6	10-195	5.54	51	
Methyl tert-Butyl Ether	0.0168	0.0100	mg/kg wet	0.02000		84.0	54-153	5.22	35	
m,p-Xylene	0.0381	0.0100	mg/kg wet	0.04000		95.2	70-138	7.65	31	
n-Hexane	0.0141	0.00500	mg/kg wet	0.02120		66.6	10-185	0.706	60	
o-Xylene	0.0192	0.00500	mg/kg wet	0.02000		95.9	72-139	6.51	23	
Styrene	0.0195	0.00500	mg/kg wet	0.02000		97.4	71-142	5.92	22	
Tetrachloroethene	0.0228	0.00500	mg/kg wet	0.02000		114	41-161	7.21	40	
Toluene	0.0180	0.00500	mg/kg wet	0.02000		90.0	70-136	9.28	22	
trans-1,2-Dichloroethene	0.0196	0.00500	mg/kg wet	0.02000		98.2	36-159	4.23	24	
trans-1,3-Dichloropropene	0.0199	0.00500	mg/kg wet	0.02000		99.5	64-142	11.0	20	
Trichloroethene	0.0194	0.00500	mg/kg wet	0.02000		97.2	65-136	8.19	23	
Trichlorofluoromethane	0.0184	0.00500	mg/kg wet	0.02000		91.8	41-163	15.8	26	
Vinyl Chloride	0.0177	0.00500	mg/kg wet	0.02000		88.4	45-149	9.99	27	
Vinyl acetate	0.0130	0.0100	mg/kg wet	0.02000		65.2	10-208	17.3	77	
Surrogate: 4-Bromofluorobenzene	40.9		ug/L	50.00		81.9	41-140			
Surrogate: Dibromofluoromethane	39.6		ug/L	50.00		79.2	33-129			
Surrogate: Toluene-d8	41.2		ug/L	50.00		82.5	44-130			
Surrogate: 1,2-Dichloroethane-d4	1.60		ug/L	50.00		3.20	31-123			

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

Lab Order: 10K0727

Conventional Chemistry Parameters by ASTM Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1049033 - Wet Chem Prep

Duplicate (1049033-DUP1)	Source: 10K1054-02		Prepared & Analyzed: 11/28/10							
% Solids	86.0		% by Weight		84.6			1.76	5	
Percent Moisture	14.0		% by Weight		15.4			10.2	200	

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1047057 - PREP SVOC W

Blank (1047057-BLK1)

Prepared: 11/16/10 Analyzed: 11/17/10

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	29.9		ug/L	40.00		74.8	50-125			
Surrogate: 2-Fluorobiphenyl	25.1		ug/L	40.00		62.8	50-120			
Surrogate: Terphenyl-d14	19.2		ug/L	40.00		48.1	30-150			

LCS (1047057-BS1)

Prepared: 11/16/10 Analyzed: 11/17/10

Acenaphthene	86.8	10.0	ug/L	100.0		86.8	65-110			
Acenaphthylene	52.5	10.0	ug/L	100.0		52.5	45-120			
Anthracene	87.7	10.0	ug/L	100.0		87.7	50-120			
Benz(a)anthracene	98.3	0.260	ug/L	100.0		98.3	65-125			
Benzo(a)pyrene	96.7	0.200	ug/L	100.0		96.7	40-150			
Benzo(b)fluoranthene	118	0.170	ug/L	100.0		118	30-165			
Benzo(g,h,i)perylene	115	10.0	ug/L	100.0		115	40-175			
Benzo(k)fluoranthene	66.9	1.70	ug/L	100.0		66.9	35-125			
Chrysene	72.2	10.0	ug/L	100.0		72.2	60-125			
Dibenz(a,h)anthracene	107	0.100	ug/L	100.0		107	30-180			
Fluoranthene	83.4	10.0	ug/L	100.0		83.4	55-125			
Fluorene	49.5	10.0	ug/L	100.0		49.5	60-120			
Indeno(1,2,3-cd)pyrene	116	0.220	ug/L	100.0		116	40-180			
Naphthalene	88.5	1.00	ug/L	100.0		88.5	40-115			
Phenanthrene	51.5	10.0	ug/L	100.0		51.5	50-115			
Pyrene	78.1	10.0	ug/L	100.0		78.1	55-130			
Surrogate: Nitrobenzene-d5	31.9		ug/L	40.00		79.8	50-125			
Surrogate: 2-Fluorobiphenyl	25.6		ug/L	40.00		63.9	50-120			
Surrogate: Terphenyl-d14	24.4		ug/L	40.00		61.0	30-150			

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1047057 - PREP SVOC W

LCS Dup (1047057-BSD1)

Prepared: 11/16/10 Analyzed: 11/17/10

Acenaphthene	89.2	10.0	ug/L	100.0		89.2	65-110	2.72	15	
Acenaphthylene	55.2	10.0	ug/L	100.0		55.2	45-120	5.11	15	
Anthracene	86.0	10.0	ug/L	100.0		86.0	50-120	1.95	18	
Benz(a)anthracene	99.8	0.260	ug/L	100.0		99.8	65-125	1.43	20	
Benzo(a)pyrene	96.2	0.200	ug/L	100.0		96.2	40-150	0.508	20	
Benzo(b)fluoranthene	114	0.170	ug/L	100.0		114	30-165	3.59	30	
Benzo(g,h,i)perylene	121	10.0	ug/L	100.0		121	40-175	5.17	20	
Benzo(k)fluoranthene	64.7	1.70	ug/L	100.0		64.7	35-125	3.45	30	
Chrysene	62.7	10.0	ug/L	100.0		62.7	60-125	14.1	20	
Dibenz(a,h)anthracene	112	0.100	ug/L	100.0		112	30-180	4.42	20	
Fluoranthene	85.3	10.0	ug/L	100.0		85.3	55-125	2.28	15	
Fluorene	50.5	10.0	ug/L	100.0		50.5	60-120	1.98	15	
Indeno(1,2,3-cd)pyrene	121	0.220	ug/L	100.0		121	40-180	4.27	30	
Naphthalene	87.6	1.00	ug/L	100.0		87.6	40-115	0.988	14	
Phenanthrene	50.2	10.0	ug/L	100.0		50.2	50-115	2.62	18	
Pyrene	75.8	10.0	ug/L	100.0		75.8	55-130	3.01	20	
Surrogate: Nitrobenzene-d5	32.4		ug/L	40.00		80.9	50-125			
Surrogate: 2-Fluorobiphenyl	26.2		ug/L	40.00		65.4	50-120			
Surrogate: Terphenyl-d14	23.8		ug/L	40.00		59.5	30-150			

Batch 1048009 - PREP SVOC S

Blank (1048009-BLK1)

Prepared: 11/22/10 Analyzed: 11/26/10

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	0.00600		mg/kg wet	1.333		0.450	51-126			
Surrogate: 2-Fluorobiphenyl	0.0243		mg/kg wet	1.333		1.82	56-121			
Surrogate: Terphenyl-d14	1.29		mg/kg wet	1.333		96.6	40-140			

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1048009 - PREP SVOC S

LCS (1048009-BS1)		Prepared: 11/22/10 Analyzed: 11/26/10								
2-Methylnaphthalene	1.89	0.100	mg/kg wet	3.333		56.8	24-125			
Acenaphthene	2.68	0.100	mg/kg wet	3.333		80.3	60-110			
Acenaphthylene	2.55	0.100	mg/kg wet	3.333		76.6	45-124			
Anthracene	3.03	0.100	mg/kg wet	3.333		90.9	46-117			
Benz(a)anthracene	2.84	0.100	mg/kg wet	3.333		85.3	43-139			
Benzo(a)pyrene	2.75	0.100	mg/kg wet	3.333		82.6	40-147			
Benzo(b)fluoranthene	2.80	0.100	mg/kg wet	3.333		84.0	40-157			
Benzo(g,h,i)perylene	3.06	0.100	mg/kg wet	3.333		91.9	37-159			
Benzo(k)fluoranthene	2.96	0.100	mg/kg wet	3.333		88.9	32-123			
Chrysene	2.99	0.100	mg/kg wet	3.333		89.6	38-136			
Dibenz(a,h)anthracene	3.07	0.100	mg/kg wet	3.333		92.0	20-181			
Fluoranthene	3.02	0.100	mg/kg wet	3.333		90.6	49-118			
Fluorene	2.89	0.100	mg/kg wet	3.333		86.8	52-129			
Indeno(1,2,3-cd)pyrene	3.00	0.100	mg/kg wet	3.333		90.0	40-160			
Naphthalene	0.868	0.100	mg/kg wet	3.333		26.0	39-118			
Phenanthrene	3.02	0.100	mg/kg wet	3.333		90.5	46-109			
Pyrene	2.92	0.100	mg/kg wet	3.333		87.7	47-123			
Surrogate: Nitrobenzene-d5	0.192		mg/kg wet	1.333		14.4	51-126			
Surrogate: 2-Fluorobiphenyl	0.650		mg/kg wet	1.333		48.8	56-121			
Surrogate: Terphenyl-d14	1.06		mg/kg wet	1.333		79.2	40-140			

LCS Dup (1048009-BSD1)		Prepared: 11/22/10 Analyzed: 11/26/10								
2-Methylnaphthalene	1.92	0.100	mg/kg wet	3.333		57.7	24-125	1.64	20	
Acenaphthene	2.62	0.100	mg/kg wet	3.333		78.7	60-110	2.03	13	
Acenaphthylene	2.52	0.100	mg/kg wet	3.333		75.5	45-124	1.42	20	
Anthracene	2.97	0.100	mg/kg wet	3.333		89.2	46-117	1.92	20	
Benz(a)anthracene	2.86	0.100	mg/kg wet	3.333		85.9	43-139	0.794	20	
Benzo(a)pyrene	2.75	0.100	mg/kg wet	3.333		82.5	40-147	0.145	20	
Benzo(b)fluoranthene	2.90	0.100	mg/kg wet	3.333		87.1	40-157	3.58	25	
Benzo(g,h,i)perylene	3.00	0.100	mg/kg wet	3.333		89.9	37-159	2.21	25	
Benzo(k)fluoranthene	2.61	0.100	mg/kg wet	3.333		78.4	32-123	12.5	40	
Chrysene	3.01	0.100	mg/kg wet	3.333		90.3	38-136	0.800	20	
Dibenz(a,h)anthracene	2.93	0.100	mg/kg wet	3.333		87.8	20-181	4.74	20	
Fluoranthene	3.06	0.100	mg/kg wet	3.333		91.8	49-118	1.28	20	
Fluorene	2.82	0.100	mg/kg wet	3.333		84.5	52-129	2.63	20	
Indeno(1,2,3-cd)pyrene	2.89	0.100	mg/kg wet	3.333		86.8	40-160	3.62	20	
Naphthalene	0.871	0.100	mg/kg wet	3.333		26.1	39-118	0.268	20	
Phenanthrene	2.90	0.100	mg/kg wet	3.333		86.9	46-109	4.11	20	
Pyrene	3.08	0.100	mg/kg wet	3.333		92.3	47-123	5.08	20	
Surrogate: Nitrobenzene-d5	0.220		mg/kg wet	1.333		16.5	51-126			
Surrogate: 2-Fluorobiphenyl	0.736		mg/kg wet	1.333		55.2	56-121			
Surrogate: Terphenyl-d14	1.16		mg/kg wet	1.333		86.7	40-140			

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1049038 - PREP SVOC S

Blank (1049038-BLK1)

Prepared & Analyzed: 11/29/10

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	1.17		mg/kg wet	1.333		87.6	51-126			
Surrogate: 2-Fluorobiphenyl	1.04		mg/kg wet	1.333		78.0	56-121			
Surrogate: Terphenyl-d14	1.14		mg/kg wet	1.333		85.4	40-140			

LCS (1049038-BS1)

Prepared & Analyzed: 11/29/10

2-Methylnaphthalene	2.80	0.100	mg/kg wet	3.333		84.0	24-125			
Acenaphthene	2.86	0.100	mg/kg wet	3.333		85.7	60-110			
Acenaphthylene	2.70	0.100	mg/kg wet	3.333		81.0	45-124			
Anthracene	3.04	0.100	mg/kg wet	3.333		91.2	46-117			
Benz(a)anthracene	2.99	0.100	mg/kg wet	3.333		89.8	43-139			
Benzo(a)pyrene	2.75	0.100	mg/kg wet	3.333		82.6	40-147			
Benzo(b)fluoranthene	3.02	0.100	mg/kg wet	3.333		90.8	40-157			
Benzo(g,h,i)perylene	3.01	0.100	mg/kg wet	3.333		90.4	37-159			
Benzo(k)fluoranthene	3.01	0.100	mg/kg wet	3.333		90.2	32-123			
Chrysene	2.66	0.100	mg/kg wet	3.333		79.7	38-136			
Dibenz(a,h)anthracene	3.05	0.100	mg/kg wet	3.333		91.4	20-181			
Fluoranthene	3.07	0.100	mg/kg wet	3.333		92.0	49-118			
Fluorene	2.80	0.100	mg/kg wet	3.333		83.9	52-129			
Indeno(1,2,3-cd)pyrene	3.04	0.100	mg/kg wet	3.333		91.1	40-160			
Naphthalene	2.84	0.100	mg/kg wet	3.333		85.2	39-118			
Phenanthrene	2.91	0.100	mg/kg wet	3.333		87.4	46-109			
Pyrene	3.02	0.100	mg/kg wet	3.333		90.6	47-123			
Surrogate: Nitrobenzene-d5	1.27		mg/kg wet	1.333		95.4	51-126			
Surrogate: 2-Fluorobiphenyl	1.10		mg/kg wet	1.333		82.4	56-121			
Surrogate: Terphenyl-d14	1.04		mg/kg wet	1.333		77.6	40-140			

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

Lab Order: 10K0727

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1049038 - PREP SVOC S

LCS Dup (1049038-BSD1)

Prepared & Analyzed: 11/29/10

2-Methylnaphthalene	3.04	0.100	mg/kg wet	3.333		91.2	24-125	8.29	20	
Acenaphthene	3.16	0.100	mg/kg wet	3.333		94.8	60-110	10.0	13	
Acenaphthylene	3.11	0.100	mg/kg wet	3.333		93.4	45-124	14.2	20	
Anthracene	3.30	0.100	mg/kg wet	3.333		98.9	46-117	8.07	20	
Benz(a)anthracene	2.97	0.100	mg/kg wet	3.333		89.1	43-139	0.794	20	
Benzo(a)pyrene	2.77	0.100	mg/kg wet	3.333		83.0	40-147	0.568	20	
Benzo(b)fluoranthene	2.87	0.100	mg/kg wet	3.333		86.2	40-157	5.18	25	
Benzo(g,h,i)perylene	2.98	0.100	mg/kg wet	3.333		89.4	37-159	1.05	25	
Benzo(k)fluoranthene	3.16	0.100	mg/kg wet	3.333		94.7	32-123	4.86	40	
Chrysene	3.12	0.100	mg/kg wet	3.333		93.6	38-136	16.1	20	
Dibenz(a,h)anthracene	2.97	0.100	mg/kg wet	3.333		89.2	20-181	2.47	20	
Fluoranthene	3.28	0.100	mg/kg wet	3.333		98.5	49-118	6.87	20	
Fluorene	3.29	0.100	mg/kg wet	3.333		98.6	52-129	16.1	20	
Indeno(1,2,3-cd)pyrene	2.92	0.100	mg/kg wet	3.333		87.7	40-160	3.79	20	
Naphthalene	3.11	0.100	mg/kg wet	3.333		93.2	39-118	9.00	20	
Phenanthrene	3.26	0.100	mg/kg wet	3.333		97.9	46-109	11.3	20	
Pyrene	3.54	0.100	mg/kg wet	3.333		106	47-123	15.8	20	
Surrogate: Nitrobenzene-d5	1.25		mg/kg wet	1.333		93.7	51-126			
Surrogate: 2-Fluorobiphenyl	1.11		mg/kg wet	1.333		83.1	56-121			
Surrogate: Terphenyl-d14	1.13		mg/kg wet	1.333		85.1	40-140			

CLIENT: LJB Engineers & Architects
Project: 09020 Piqua Power Plant**Lab Order:** 10K0727

Notes and Definitions

- R RPD outside of accepted recovery limits.
- O-08 The original extraction of this sample yielded QC recoveries outside acceptance criteria. It was re-extracted after the recommended maximum hold time.
- L Laboratory control sample recovery outside of acceptance limits high, sample results are below detection limits. Sample data is still acceptable.
- H Analysis completed outside of holding time.
- A-01a CCV was outside of established limits. Results were confirmed outside of the hold time with passing QC.
- A-01 CCV was outside of established limits. Results were confirmed outside of the hold time with passing QC

Sample preservation was met unless otherwise noted.