



Wednesday, August 25, 2010

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: 10H0615

Belmont Labs received 5 sample(s) on 8/11/2010 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

**Certifications:**

NELAP/NELAC - #04130

VAP - #CL0032

Ohio EPA Drinking water - #836

Ohio EPA Drinking water (Micro) - #872

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

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**CLIENT:** LJB Engineers & Architects  
**Project:** 09020 Piqua Power Plant**Lab Order:** 10H0615

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**Work Order Sample Summary**

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Sampled Date</b>	<b>Received Date</b>
10H0615-01A	MW-3	8/6/2010 3:40:00PM	8/11/2010
10H0615-01B	MW-3	8/6/2010 3:40:00PM	8/11/2010
10H0615-01C	MW-3	8/6/2010 3:40:00PM	8/11/2010
10H0615-01D	MW-3	8/6/2010 3:40:00PM	8/11/2010
10H0615-01E	MW-3	8/6/2010 3:40:00PM	8/11/2010
10H0615-01F	MW-3	8/6/2010 3:40:00PM	8/11/2010
10H0615-01G	MW-3	8/6/2010 3:40:00PM	8/11/2010
10H0615-02A	MW-4	8/8/2010 12:10:00PM	8/11/2010
10H0615-02B	MW-4	8/8/2010 12:10:00PM	8/11/2010
10H0615-02C	MW-4	8/8/2010 12:10:00PM	8/11/2010
10H0615-02D	MW-4	8/8/2010 12:10:00PM	8/11/2010
10H0615-02E	MW-4	8/8/2010 12:10:00PM	8/11/2010
10H0615-02F	MW-4	8/8/2010 12:10:00PM	8/11/2010
10H0615-02G	MW-4	8/8/2010 12:10:00PM	8/11/2010
10H0615-03A	Decon	8/10/2010 2:59:00PM	8/11/2010
10H0615-03B	Decon	8/10/2010 2:59:00PM	8/11/2010
10H0615-03C	Decon	8/10/2010 2:59:00PM	8/11/2010
10H0615-03D	Decon	8/10/2010 2:59:00PM	8/11/2010
10H0615-03E	Decon	8/10/2010 2:59:00PM	8/11/2010
10H0615-03F	Decon	8/10/2010 2:59:00PM	8/11/2010
10H0615-03G	Decon	8/10/2010 2:59:00PM	8/11/2010
10H0615-04A	T.B. 1	8/6/2010 12:00:00AM	8/11/2010
10H0615-04B	T.B. 1	8/6/2010 12:00:00AM	8/11/2010
10H0615-05A	T.B.2	8/8/2010 12:00:00AM	8/11/2010
10H0615-05B	T.B.2	8/8/2010 12:00:00AM	8/11/2010

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

Lab Order: 10H0615

Lab ID: 10H0615-01  
 Client Sample ID: MW-3

Collection Date: 8/6/2010 3:40:00PM  
 Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
<b>TPH C10-34</b>							<b>Analyst: MBG</b>
C10 to C20	BDL	0.500		mg/L	1	1033249	8/15/2010 12:55:00PM
C20 to C34	BDL	5.00		mg/L	1	1033249	8/15/2010 12:55:00PM
<i>Surrogate: o-Terphenyl</i>		113 %		42-121		1033249	8/15/2010 12:55:00PM
<b>TPH GRO C6-C12</b>							<b>Analyst: EH</b>
Gasoline Range Organics, C6 - C12	BDL	5.00		mg/L	1	1034184	8/18/2010 11:44:00AM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		113 %		44-161		1034184	8/18/2010 11:44:00AM
<b>ICP_Ag SW 6010B</b>							<b>Analyst: RJE</b>
Silver	BDL	0.000500		mg/L	1	1035116	8/25/2010 12:54:23AM
<b>ICP_AI SW 6010B</b>							<b>Analyst: RJE</b>
Aluminum	BDL	0.0500		mg/L	1	1035116	8/25/2010 12:54:23AM
<b>ICP_As SW 6010B</b>							<b>Analyst: RJE</b>
Arsenic	0.0451	0.00500		mg/L	1	1035116	8/25/2010 12:54:23AM
<b>ICP_Ba SW 6010B</b>							<b>Analyst: RJE</b>
Barium	0.00842	0.00500		mg/L	1	1035116	8/25/2010 12:54:23AM
<b>ICP_Be SW 6010B</b>							<b>Analyst: RJE</b>
Beryllium	BDL	0.000500		mg/L	1	1035116	8/25/2010 12:54:23AM
<b>ICP_Cd SW 6010B</b>							<b>Analyst: RJE</b>
Cadmium	0.00165	0.000500		mg/L	1	1035116	8/25/2010 12:54:23AM
<b>ICP_Co SW 6010B</b>							<b>Analyst: RJE</b>
Cobalt	BDL	0.00500		mg/L	1	1035116	8/25/2010 12:54:23AM
<b>ICP_Cr SW 6010B</b>							<b>Analyst: RJE</b>
Chromium	BDL	0.00500		mg/L	1	1035116	8/25/2010 12:54:23AM
<b>ICP_Ni SW 6010B</b>							<b>Analyst: RJE</b>
Nickel	BDL	0.00500		mg/L	1	1035116	8/25/2010 12:54:23AM
<b>ICP_Pb SW 6010B</b>							<b>Analyst: RJE</b>
Lead	BDL	0.00500		mg/L	1	1035116	8/25/2010 12:54:23AM
<b>ICP_Sb SW 6010B</b>							<b>Analyst: RJE</b>
Antimony	BDL	0.00500		mg/L	1	1035116	8/25/2010 12:54:23AM
<b>ICP_Se SW 6010B</b>							<b>Analyst: RJE</b>

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

**Lab Order:** 10H0615

**Lab ID:** 10H0615-01  
**Client Sample ID:** MW-3

**Collection Date:** 8/6/2010 3:40:00PM  
**Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Selenium	BDL	0.0100		mg/L	1	1035116	8/25/2010 12:54:23AM
<b>ICP_V</b>		<b>SW 6010B</b>		<b>Analyst: RJE</b>			
Vanadium	BDL	0.00500		mg/L	1	1035116	8/25/2010 12:54:23AM
<b>ICP_Zn</b>		<b>SW 6010B</b>		<b>Analyst: RJE</b>			
Zinc	0.0365	0.0100		mg/L	1	1035116	8/25/2010 12:54:23AM
<b>GFAA TI</b>		<b>SW 7841</b>		<b>Analyst: RJE</b>			
Thallium	BDL	0.00100		mg/L	1	1035162	8/25/2010 12:33:00PM
<b>HG</b>		<b>SW 7470A</b>		<b>Analyst: KC</b>			
Mercury	BDL	0.000200		mg/L	1	1035180	8/25/2010 2:56:05PM
<b>PCB_8082</b>		<b>SW 8082</b>		<b>Analyst: MBG</b>			
Aroclor 1016	BDL	0.500		ug/L	1	1033196	8/18/2010 2:28:00AM
Aroclor 1221	BDL	0.500		ug/L	1	1033196	8/18/2010 2:28:00AM
Aroclor 1232	BDL	0.500		ug/L	1	1033196	8/18/2010 2:28:00AM
Aroclor 1242	BDL	0.500		ug/L	1	1033196	8/18/2010 2:28:00AM
Aroclor 1248	BDL	0.500		ug/L	1	1033196	8/18/2010 2:28:00AM
Aroclor 1254	BDL	0.500		ug/L	1	1033196	8/18/2010 2:28:00AM
Aroclor 1260	BDL	0.500		ug/L	1	1033196	8/18/2010 2:28:00AM
<i>Surrogate: Decachlorobiphenyl</i>		71.0 %		36-157		1033196	8/18/2010 2:28:00AM
<i>Surrogate: Tetrachloro-m-xylene</i>		49.0 %		28-127		1033196	8/18/2010 2:28:00AM
<b>VOC 8260</b>		<b>SW 8260B</b>		<b>Analyst: kds</b>			
1,1,1,2-Tetrachloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
1,1,1-Trichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
1,1,2,2-Tetrachloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
1,1,2-Trichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
1,1-Dichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
1,1-Dichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
1,1-Dichloropropene	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
1,2-Dibromoethane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
1,2-Dichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
1,2-Dichloropropane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
1,3-Dichloropropane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
2,2-Dichloropropane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
2-Butanone	BDL	20.0		ug/L	1	1034292	8/19/2010 4:26:00PM
2-Chlorotoluene	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
2-Hexanone	BDL	20.0		ug/L	1	1034292	8/19/2010 4:26:00PM
4-Chlorotoluene	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
4-Methyl-2-pentanone	BDL	20.0		ug/L	1	1034292	8/19/2010 4:26:00PM
Acetone	BDL	20.0		ug/L	1	1034292	8/19/2010 4:26:00PM

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**Lab Order:** 10H0615

**Lab ID:** 10H0615-01  
**Client Sample ID:** MW-3

**Collection Date:** 8/6/2010 3:40:00PM  
**Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Acetonitrile	BDL	40.0		ug/L	1	1034292	8/19/2010 4:26:00PM
Acrolein	BDL	20.0		ug/L	1	1034292	8/19/2010 4:26:00PM
Acrylonitrile	BDL	20.0		ug/L	1	1034292	8/19/2010 4:26:00PM
Allyl chloride	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Benzene	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Bromobenzene	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Bromochloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Bromodichloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Bromoform	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Bromomethane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Carbon Disulfide	BDL	20.0		ug/L	1	1034292	8/19/2010 4:26:00PM
Carbon Tetrachloride	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Chlorobenzene	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Chloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Chloroform	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Chloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
cis-1,2-Dichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
cis-1,3-Dichloropropene	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Dibromochloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Dibromomethane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Dichlorodifluoromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Ethylbenzene	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Iodomethane	BDL	10.0		ug/L	1	1034292	8/19/2010 4:26:00PM
Methylene Chloride	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Methyl tert-Butyl Ether	BDL	10.0		ug/L	1	1034292	8/19/2010 4:26:00PM
m,p-Xylene	BDL	10.0		ug/L	1	1034292	8/19/2010 4:26:00PM
n-Hexane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
o-Xylene	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Styrene	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Tetrachloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Toluene	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
trans-1,2-Dichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
trans-1,3-Dichloropropene	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Trichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Trichlorofluoromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Vinyl Chloride	BDL	1.00		ug/L	1	1034292	8/19/2010 4:26:00PM
Vinyl acetate	BDL	10.0		ug/L	1	1034292	8/19/2010 4:26:00PM

<i>Surrogate: 4-Bromofluorobenzene</i>	<i>102 %</i>	<i>41-140</i>	<i>1034292</i>	<i>8/19/2010 4:26:00PM</i>
<i>Surrogate: Dibromofluoromethane</i>	<i>123 %</i>	<i>34-158</i>	<i>1034292</i>	<i>8/19/2010 4:26:00PM</i>
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>47-147</i>	<i>1034292</i>	<i>8/19/2010 4:26:00PM</i>
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>128 %</i>	<i>29-163</i>	<i>1034292</i>	<i>8/19/2010 4:26:00PM</i>

**PAH\_FULL\_8270**

**Analyst:** mbg

2-Methylnaphthalene	BDL	10.0		ug/L	1	1033253	8/24/2010 10:19:00PM
Acenaphthene	BDL	10.0		ug/L	1	1033253	8/24/2010 10:19:00PM

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 Project: 09020 Piqua Power Plant

Lab Order: 10H0615

Lab ID: 10H0615-01  
 Client Sample ID: MW-3

Collection Date: 8/6/2010 3:40:00PM  
 Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Acenaphthylene	BDL	10.0		ug/L	1	1033253	8/24/2010 10:19:00PM
Anthracene	BDL	10.0		ug/L	1	1033253	8/24/2010 10:19:00PM
<b>Benz(a)anthracene</b>	<b>0.640</b>	0.260		ug/L	1	1033253	8/24/2010 10:19:00PM
Benzo(a)pyrene	BDL	0.200		ug/L	1	1033253	8/24/2010 10:19:00PM
Benzo(b)fluoranthene	BDL	0.170		ug/L	1	1033253	8/24/2010 10:19:00PM
Benzo(g,h,i)perylene	BDL	10.0		ug/L	1	1033253	8/24/2010 10:19:00PM
Benzo(k)fluoranthene	BDL	1.70		ug/L	1	1033253	8/24/2010 10:19:00PM
Chrysene	BDL	10.0		ug/L	1	1033253	8/24/2010 10:19:00PM
Dibenz(a,h)anthracene	BDL	0.100		ug/L	1	1033253	8/24/2010 10:19:00PM
Fluoranthene	BDL	10.0		ug/L	1	1033253	8/24/2010 10:19:00PM
Fluorene	BDL	10.0		ug/L	1	1033253	8/24/2010 10:19:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.220		ug/L	1	1033253	8/24/2010 10:19:00PM
<b>Naphthalene</b>	<b>40.0</b>	1.00		ug/L	1	1033253	8/24/2010 10:19:00PM
Phenanthrene	BDL	10.0		ug/L	1	1033253	8/24/2010 10:19:00PM
Pyrene	BDL	10.0		ug/L	1	1033253	8/24/2010 10:19:00PM
<i>Surrogate: Nitrobenzene-d5</i>		36.4 %	<i>S-04</i>	<i>50-125</i>		<i>1033253</i>	8/24/2010 10:19:00PM
<i>Surrogate: 2-Fluorobiphenyl</i>		56.7 %		<i>50-120</i>		<i>1033253</i>	8/24/2010 10:19:00PM
<i>Surrogate: Terphenyl-d14</i>		45.1 %		<i>30-150</i>		<i>1033253</i>	8/24/2010 10:19:00PM

CLIENT: LJB Engineers & Architects  
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Lab Order: 10H0615

Lab ID: 10H0615-02  
 Client Sample ID: MW-4

Collection Date: 8/8/2010 12:10:00PM  
 Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
<b>TPH C10-34</b>							<b>Analyst: MBG</b>
C10 to C20	BDL	0.500		mg/L	1	1033249	8/15/2010 1:23:00PM
C20 to C34	BDL	5.00		mg/L	1	1033249	8/15/2010 1:23:00PM
<i>Surrogate: o-Terphenyl</i>		127 %	A-01	42-121		1033249	8/15/2010 1:23:00PM
<b>TPH GRO C6-C12</b>							<b>Analyst: EH</b>
Gasoline Range Organics, C6 - C12	BDL	5.00		mg/L	1	1034184	8/18/2010 12:16:00PM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		114 %		44-161		1034184	8/18/2010 12:16:00PM
<b>ICP_Ag SW 6010B</b>							<b>Analyst: RJE</b>
Silver	BDL	0.000500		mg/L	1	1035116	8/25/2010 1:07:40AM
<b>ICP_AI SW 6010B</b>							<b>Analyst: RJE</b>
Aluminum	BDL	0.0500		mg/L	1	1035116	8/25/2010 1:07:40AM
<b>ICP_As SW 6010B</b>							<b>Analyst: RJE</b>
Arsenic	0.0215	0.00500		mg/L	1	1035116	8/25/2010 1:07:40AM
<b>ICP_Ba SW 6010B</b>							<b>Analyst: RJE</b>
Barium	0.0152	0.00500		mg/L	1	1035116	8/25/2010 1:07:40AM
<b>ICP_Be SW 6010B</b>							<b>Analyst: RJE</b>
Beryllium	BDL	0.000500		mg/L	1	1035116	8/25/2010 1:07:40AM
<b>ICP_Cd SW 6010B</b>							<b>Analyst: RJE</b>
Cadmium	0.00295	0.000500		mg/L	1	1035116	8/25/2010 1:07:40AM
<b>ICP_Co SW 6010B</b>							<b>Analyst: RJE</b>
Cobalt	BDL	0.00500		mg/L	1	1035116	8/25/2010 1:07:40AM
<b>ICP_Cr SW 6010B</b>							<b>Analyst: RJE</b>
Chromium	BDL	0.00500		mg/L	1	1035116	8/25/2010 1:07:40AM
<b>ICP_Ni SW 6010B</b>							<b>Analyst: RJE</b>
Nickel	0.00580	0.00500		mg/L	1	1035116	8/25/2010 1:07:40AM
<b>ICP_Pb SW 6010B</b>							<b>Analyst: RJE</b>
Lead	BDL	0.00500		mg/L	1	1035116	8/25/2010 1:07:40AM
<b>ICP_Sb SW 6010B</b>							<b>Analyst: RJE</b>
Antimony	0.00547	0.00500		mg/L	1	1035116	8/25/2010 1:07:40AM
<b>ICP_Se SW 6010B</b>							<b>Analyst: RJE</b>

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

**Lab Order:** 10H0615

**Lab ID:** 10H0615-02  
**Client Sample ID:** MW-4

**Collection Date:** 8/8/2010 12:10:00PM  
**Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Selenium	BDL	0.0100		mg/L	1	1035116	8/25/2010 1:07:40AM
<b>ICP_V</b>		<b>SW 6010B</b>		<b>Analyst: RJE</b>			
Vanadium	BDL	0.00500		mg/L	1	1035116	8/25/2010 1:07:40AM
<b>ICP_Zn</b>		<b>SW 6010B</b>		<b>Analyst: RJE</b>			
Zinc	0.0259	0.0100		mg/L	1	1035116	8/25/2010 1:07:40AM
<b>GFAA TI</b>		<b>SW 7841</b>		<b>Analyst: RJE</b>			
Thallium	BDL	0.00100		mg/L	1	1035162	8/25/2010 12:33:00PM
<b>HG</b>		<b>SW 7470A</b>		<b>Analyst: KC</b>			
Mercury	BDL	0.000200		mg/L	1	1035180	8/25/2010 2:56:05PM
<b>PCB_8082</b>		<b>SW 8082</b>		<b>Analyst: MBG</b>			
Aroclor 1016	BDL	0.500		ug/L	1	1033196	8/18/2010 2:56:00AM
Aroclor 1221	BDL	0.500		ug/L	1	1033196	8/18/2010 2:56:00AM
Aroclor 1232	BDL	0.500		ug/L	1	1033196	8/18/2010 2:56:00AM
Aroclor 1242	BDL	0.500		ug/L	1	1033196	8/18/2010 2:56:00AM
Aroclor 1248	BDL	0.500		ug/L	1	1033196	8/18/2010 2:56:00AM
Aroclor 1254	BDL	0.500		ug/L	1	1033196	8/18/2010 2:56:00AM
Aroclor 1260	BDL	0.500		ug/L	1	1033196	8/18/2010 2:56:00AM
<i>Surrogate: Decachlorobiphenyl</i>		63.0 %			36-157	1033196	8/18/2010 2:56:00AM
<i>Surrogate: Tetrachloro-m-xylene</i>		82.0 %			28-127	1033196	8/18/2010 2:56:00AM
<b>VOC 8260</b>		<b>SW 8260B</b>		<b>Analyst: kds</b>			
1,1,1,2-Tetrachloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
1,1,1-Trichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
1,1,2,2-Tetrachloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
1,1,2-Trichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
1,1-Dichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
1,1-Dichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
1,1-Dichloropropene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
1,2-Dibromoethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
1,2-Dichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
1,2-Dichloropropane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
1,3-Dichloropropane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
2,2-Dichloropropane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
2-Butanone	BDL	20.0		ug/L	1	1034292	8/19/2010 5:06:00PM
2-Chlorotoluene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
2-Hexanone	BDL	20.0		ug/L	1	1034292	8/19/2010 5:06:00PM
4-Chlorotoluene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
4-Methyl-2-pentanone	BDL	20.0		ug/L	1	1034292	8/19/2010 5:06:00PM
Acetone	BDL	20.0		ug/L	1	1034292	8/19/2010 5:06:00PM



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

Lab Order: 10H0615

Lab ID: 10H0615-02  
 Client Sample ID: MW-4

Collection Date: 8/8/2010 12:10:00PM  
 Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Acetonitrile	BDL	40.0		ug/L	1	1034292	8/19/2010 5:06:00PM
Acrolein	BDL	20.0		ug/L	1	1034292	8/19/2010 5:06:00PM
Acrylonitrile	BDL	20.0		ug/L	1	1034292	8/19/2010 5:06:00PM
Allyl chloride	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Benzene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Bromobenzene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Bromochloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Bromodichloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Bromoform	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Bromomethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Carbon Disulfide	BDL	20.0		ug/L	1	1034292	8/19/2010 5:06:00PM
Carbon Tetrachloride	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Chlorobenzene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Chloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Chloroform	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Chloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
cis-1,2-Dichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
cis-1,3-Dichloropropene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Dibromochloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Dibromomethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Dichlorodifluoromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Ethylbenzene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Iodomethane	BDL	10.0		ug/L	1	1034292	8/19/2010 5:06:00PM
Methylene Chloride	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Methyl tert-Butyl Ether	BDL	10.0		ug/L	1	1034292	8/19/2010 5:06:00PM
m,p-Xylene	BDL	10.0		ug/L	1	1034292	8/19/2010 5:06:00PM
n-Hexane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
o-Xylene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Styrene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Tetrachloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Toluene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
trans-1,2-Dichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
trans-1,3-Dichloropropene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Trichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Trichlorofluoromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Vinyl Chloride	BDL	1.00		ug/L	1	1034292	8/19/2010 5:06:00PM
Vinyl acetate	BDL	10.0		ug/L	1	1034292	8/19/2010 5:06:00PM

Surrogate: 4-Bromofluorobenzene	102 %	41-140	1034292	8/19/2010 5:06:00PM
Surrogate: Dibromofluoromethane	121 %	34-158	1034292	8/19/2010 5:06:00PM
Surrogate: Toluene-d8	111 %	47-147	1034292	8/19/2010 5:06:00PM
Surrogate: 1,2-Dichloroethane-d4	125 %	29-163	1034292	8/19/2010 5:06:00PM

PAH\_FULL\_8270

Analyst: mbg

2-Methylnaphthalene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:01:00PM
Acenaphthene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:01:00PM

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

**Lab Order:** 10H0615

**Lab ID:** 10H0615-02  
**Client Sample ID:** MW-4

**Collection Date:** 8/8/2010 12:10:00PM  
**Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Acenaphthylene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:01:00PM
Anthracene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:01:00PM
Benz(a)anthracene	BDL	0.260		ug/L	1	1033253	8/24/2010 11:01:00PM
Benzo(a)pyrene	BDL	0.200		ug/L	1	1033253	8/24/2010 11:01:00PM
Benzo(b)fluoranthene	BDL	0.170		ug/L	1	1033253	8/24/2010 11:01:00PM
Benzo(g,h,i)perylene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:01:00PM
Benzo(k)fluoranthene	BDL	1.70		ug/L	1	1033253	8/24/2010 11:01:00PM
Chrysene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:01:00PM
Dibenz(a,h)anthracene	BDL	0.100		ug/L	1	1033253	8/24/2010 11:01:00PM
Fluoranthene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:01:00PM
Fluorene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:01:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.220		ug/L	1	1033253	8/24/2010 11:01:00PM
Naphthalene	BDL	1.00		ug/L	1	1033253	8/24/2010 11:01:00PM
Phenanthrene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:01:00PM
Pyrene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:01:00PM
<i>Surrogate: Nitrobenzene-d5</i>		<i>1.82 %</i>	<i>S-04</i>	<i>50-125</i>		<i>1033253</i>	<i>8/24/2010 11:01:00PM</i>
<i>Surrogate: 2-Fluorobiphenyl</i>		<i>57.2 %</i>		<i>50-120</i>		<i>1033253</i>	<i>8/24/2010 11:01:00PM</i>
<i>Surrogate: Terphenyl-d14</i>		<i>34.3 %</i>		<i>30-150</i>		<i>1033253</i>	<i>8/24/2010 11:01:00PM</i>

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

Lab Order: 10H0615

Lab ID: 10H0615-03  
 Client Sample ID: Decon

Collection Date: 8/10/2010 2:59:00PM  
 Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
<b>TPH C10-34</b>							<b>Analyst: MBG</b>
C10 to C20	BDL	0.500		mg/L	1	1033249	8/15/2010 1:51:00PM
C20 to C34	BDL	5.00		mg/L	1	1033249	8/15/2010 1:51:00PM
<i>Surrogate: o-Terphenyl</i>		77.9 %		42-121		1033249	8/15/2010 1:51:00PM
<b>TPH GRO C6-C12</b>							<b>Analyst: EH</b>
Gasoline Range Organics, C6 - C12	BDL	5.00		mg/L	1	1034184	8/18/2010 12:49:00PM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		114 %		44-161		1034184	8/18/2010 12:49:00PM
<b>ICP_Ag SW 6010B</b>							<b>Analyst: RJE</b>
Silver	BDL	0.000500		mg/L	1	1035116	8/25/2010 1:11:46AM
<b>ICP_AI SW 6010B</b>							<b>Analyst: RJE</b>
Aluminum	BDL	0.0500		mg/L	1	1035116	8/25/2010 1:11:46AM
<b>ICP_As SW 6010B</b>							<b>Analyst: RJE</b>
Arsenic	BDL	0.00500		mg/L	1	1035116	8/25/2010 1:11:46AM
<b>ICP_Ba SW 6010B</b>							<b>Analyst: RJE</b>
Barium	BDL	0.00500		mg/L	1	1035116	8/25/2010 1:11:46AM
<b>ICP_Be SW 6010B</b>							<b>Analyst: RJE</b>
Beryllium	BDL	0.000500		mg/L	1	1035116	8/25/2010 1:11:46AM
<b>ICP_Cd SW 6010B</b>							<b>Analyst: RJE</b>
Cadmium	BDL	0.000500		mg/L	1	1035116	8/25/2010 1:11:46AM
<b>ICP_Co SW 6010B</b>							<b>Analyst: RJE</b>
Cobalt	BDL	0.00500		mg/L	1	1035116	8/25/2010 1:11:46AM
<b>ICP_Cr SW 6010B</b>							<b>Analyst: RJE</b>
Chromium	BDL	0.00500		mg/L	1	1035116	8/25/2010 1:11:46AM
<b>ICP_Ni SW 6010B</b>							<b>Analyst: RJE</b>
Nickel	BDL	0.00500		mg/L	1	1035116	8/25/2010 1:11:46AM
<b>ICP_Pb SW 6010B</b>							<b>Analyst: RJE</b>
Lead	BDL	0.00500		mg/L	1	1035116	8/25/2010 1:11:46AM
<b>ICP_Sb SW 6010B</b>							<b>Analyst: RJE</b>
Antimony	BDL	0.00500		mg/L	1	1035116	8/25/2010 1:11:46AM
<b>ICP_Se SW 6010B</b>							<b>Analyst: RJE</b>

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

**Lab Order:** 10H0615

**Lab ID:** 10H0615-03  
**Client Sample ID:** Decon

**Collection Date:** 8/10/2010 2:59:00PM  
**Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Selenium	BDL	0.0100		mg/L	1	1035116	8/25/2010 1:11:46AM
<b>ICP_V</b>		<b>SW 6010B</b>		<b>Analyst: RJE</b>			
Vanadium	BDL	0.00500		mg/L	1	1035116	8/25/2010 1:11:46AM
<b>ICP_Zn</b>		<b>SW 6010B</b>		<b>Analyst: RJE</b>			
Zinc	BDL	0.0100		mg/L	1	1035116	8/25/2010 1:11:46AM
<b>GFAA TI</b>		<b>SW 7841</b>		<b>Analyst: RJE</b>			
Thallium	BDL	0.00100		mg/L	1	1035162	8/25/2010 12:33:00PM
<b>HG</b>		<b>SW 7470A</b>		<b>Analyst: KC</b>			
Mercury	BDL	0.000200		mg/L	1	1035180	8/25/2010 2:56:05PM
<b>PCB_8082</b>		<b>SW 8082</b>		<b>Analyst: MBG</b>			
Aroclor 1016	BDL	0.500		ug/L	1	1033196	8/18/2010 2:00:00AM
Aroclor 1221	BDL	0.500		ug/L	1	1033196	8/18/2010 2:00:00AM
Aroclor 1232	BDL	0.500		ug/L	1	1033196	8/18/2010 2:00:00AM
Aroclor 1242	BDL	0.500		ug/L	1	1033196	8/18/2010 2:00:00AM
Aroclor 1248	BDL	0.500		ug/L	1	1033196	8/18/2010 2:00:00AM
Aroclor 1254	BDL	0.500		ug/L	1	1033196	8/18/2010 2:00:00AM
Aroclor 1260	BDL	0.500		ug/L	1	1033196	8/18/2010 2:00:00AM
<i>Surrogate: Decachlorobiphenyl</i>		76.0 %		36-157		1033196	8/18/2010 2:00:00AM
<i>Surrogate: Tetrachloro-m-xylene</i>		81.0 %		28-127		1033196	8/18/2010 2:00:00AM
<b>VOC 8260</b>		<b>SW 8260B</b>		<b>Analyst: kds</b>			
1,1,1,2-Tetrachloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
1,1,1-Trichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
1,1,2,2-Tetrachloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
1,1,2-Trichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
1,1-Dichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
1,1-Dichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
1,1-Dichloropropene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
1,2-Dibromoethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
1,2-Dichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
1,2-Dichloropropane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
1,3-Dichloropropane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
2,2-Dichloropropane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
2-Butanone	BDL	20.0		ug/L	1	1034292	8/19/2010 5:45:00PM
2-Chlorotoluene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
2-Hexanone	BDL	20.0		ug/L	1	1034292	8/19/2010 5:45:00PM
4-Chlorotoluene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
4-Methyl-2-pentanone	BDL	20.0		ug/L	1	1034292	8/19/2010 5:45:00PM
Acetone	BDL	20.0		ug/L	1	1034292	8/19/2010 5:45:00PM

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

Lab Order: 10H0615

Lab ID: 10H0615-03  
 Client Sample ID: Decon

Collection Date: 8/10/2010 2:59:00PM  
 Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Acetonitrile	BDL	40.0		ug/L	1	1034292	8/19/2010 5:45:00PM
Acrolein	BDL	20.0		ug/L	1	1034292	8/19/2010 5:45:00PM
Acrylonitrile	BDL	20.0		ug/L	1	1034292	8/19/2010 5:45:00PM
Allyl chloride	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Benzene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Bromobenzene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Bromochloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Bromodichloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Bromoform	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Bromomethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Carbon Disulfide	BDL	20.0		ug/L	1	1034292	8/19/2010 5:45:00PM
Carbon Tetrachloride	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Chlorobenzene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Chloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Chloroform	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Chloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
cis-1,2-Dichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
cis-1,3-Dichloropropene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Dibromochloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Dibromomethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Dichlorodifluoromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Ethylbenzene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Iodomethane	BDL	10.0		ug/L	1	1034292	8/19/2010 5:45:00PM
Methylene Chloride	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Methyl tert-Butyl Ether	BDL	10.0		ug/L	1	1034292	8/19/2010 5:45:00PM
m,p-Xylene	BDL	10.0		ug/L	1	1034292	8/19/2010 5:45:00PM
n-Hexane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
o-Xylene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Styrene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Tetrachloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Toluene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
trans-1,2-Dichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
trans-1,3-Dichloropropene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Trichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Trichlorofluoromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Vinyl Chloride	BDL	1.00		ug/L	1	1034292	8/19/2010 5:45:00PM
Vinyl acetate	BDL	10.0		ug/L	1	1034292	8/19/2010 5:45:00PM
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>100 %</i>		<i>41-140</i>		<i>1034292</i>	<i>8/19/2010 5:45:00PM</i>
<i>Surrogate: Dibromofluoromethane</i>		<i>120 %</i>		<i>34-158</i>		<i>1034292</i>	<i>8/19/2010 5:45:00PM</i>
<i>Surrogate: Toluene-d8</i>		<i>109 %</i>		<i>47-147</i>		<i>1034292</i>	<i>8/19/2010 5:45:00PM</i>
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>125 %</i>		<i>29-163</i>		<i>1034292</i>	<i>8/19/2010 5:45:00PM</i>

PAH\_FULL\_8270

Analyst: mbg

2-Methylnaphthalene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:43:00PM
Acenaphthene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:43:00PM

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

Lab Order: 10H0615

Lab ID: 10H0615-03  
 Client Sample ID: Decon

Collection Date: 8/10/2010 2:59:00PM  
 Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Acenaphthylene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:43:00PM
Anthracene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:43:00PM
<b>Benz(a)anthracene</b>	<b>0.490</b>	0.260		ug/L	1	1033253	8/24/2010 11:43:00PM
Benzo(a)pyrene	BDL	0.200		ug/L	1	1033253	8/24/2010 11:43:00PM
Benzo(b)fluoranthene	BDL	0.170		ug/L	1	1033253	8/24/2010 11:43:00PM
Benzo(g,h,i)perylene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:43:00PM
Benzo(k)fluoranthene	BDL	1.70		ug/L	1	1033253	8/24/2010 11:43:00PM
Chrysene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:43:00PM
Dibenz(a,h)anthracene	BDL	0.100		ug/L	1	1033253	8/24/2010 11:43:00PM
Fluoranthene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:43:00PM
Fluorene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:43:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.220		ug/L	1	1033253	8/24/2010 11:43:00PM
Naphthalene	BDL	1.00		ug/L	1	1033253	8/24/2010 11:43:00PM
Phenanthrene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:43:00PM
Pyrene	BDL	10.0		ug/L	1	1033253	8/24/2010 11:43:00PM
<i>Surrogate: Nitrobenzene-d5</i>		57.0 %		50-125		1033253	8/24/2010 11:43:00PM
<i>Surrogate: 2-Fluorobiphenyl</i>		58.2 %		50-120		1033253	8/24/2010 11:43:00PM
<i>Surrogate: Terphenyl-d14</i>		68.2 %		30-150		1033253	8/24/2010 11:43:00PM

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

Lab Order: 10H0615

Lab ID: 10H0615-04  
 Client Sample ID: T.B. 1

Collection Date: 8/6/2010 12:00:00AM  
 Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
<b>VOC 8260_TB</b>	<b>SW 8260B</b>						
						<b>Analyst: kds</b>	
1,1,1,2-Tetrachloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
1,1,1-Trichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
1,1,2,2-Tetrachloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
1,1,2-Trichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
1,1-Dichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
1,1-Dichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
1,1-Dichloropropene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
1,2-Dibromoethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
1,2-Dichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
1,2-Dichloropropane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
1,3-Dichloropropane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
2,2-Dichloropropane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
2-Butanone	BDL	20.0		ug/L	1	1034292	8/19/2010 3:08:00PM
2-Chlorotoluene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
2-Hexanone	BDL	20.0		ug/L	1	1034292	8/19/2010 3:08:00PM
4-Chlorotoluene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
4-Methyl-2-pentanone	BDL	20.0		ug/L	1	1034292	8/19/2010 3:08:00PM
Acetone	BDL	20.0		ug/L	1	1034292	8/19/2010 3:08:00PM
Acetonitrile	BDL	40.0		ug/L	1	1034292	8/19/2010 3:08:00PM
Acrolein	BDL	20.0		ug/L	1	1034292	8/19/2010 3:08:00PM
Acrylonitrile	BDL	20.0		ug/L	1	1034292	8/19/2010 3:08:00PM
Allyl chloride	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Benzene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Bromobenzene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Bromochloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Bromodichloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Bromoform	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Bromomethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Carbon Disulfide	BDL	20.0		ug/L	1	1034292	8/19/2010 3:08:00PM
Carbon Tetrachloride	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Chlorobenzene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Chloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Chloroform	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Chloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
cis-1,2-Dichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
cis-1,3-Dichloropropene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Dibromochloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Dibromomethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Dichlorodifluoromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Ethylbenzene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Iodomethane	BDL	10.0		ug/L	1	1034292	8/19/2010 3:08:00PM
Methylene Chloride	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Methyl tert-Butyl Ether	BDL	10.0		ug/L	1	1034292	8/19/2010 3:08:00PM
m,p-Xylene	BDL	10.0		ug/L	1	1034292	8/19/2010 3:08:00PM
n-Butylbenzene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM

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

**Lab Order:** 10H0615

**Lab ID:** 10H0615-04  
**Client Sample ID:** T.B. 1

**Collection Date:** 8/6/2010 12:00:00AM  
**Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
n-Hexane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
o-Xylene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Styrene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Tetrachloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Toluene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
trans-1,2-Dichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
trans-1,3-Dichloropropene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Trichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Trichlorofluoromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Vinyl Chloride	BDL	1.00		ug/L	1	1034292	8/19/2010 3:08:00PM
Vinyl acetate	BDL	10.0		ug/L	1	1034292	8/19/2010 3:08:00PM
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>104 %</i>		<i>41-140</i>		<i>1034292</i>	<i>8/19/2010 3:08:00PM</i>
<i>Surrogate: Dibromofluoromethane</i>		<i>119 %</i>		<i>34-158</i>		<i>1034292</i>	<i>8/19/2010 3:08:00PM</i>
<i>Surrogate: Toluene-d8</i>		<i>114 %</i>		<i>47-147</i>		<i>1034292</i>	<i>8/19/2010 3:08:00PM</i>
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>123 %</i>		<i>29-163</i>		<i>1034292</i>	<i>8/19/2010 3:08:00PM</i>



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

Lab Order: 10H0615

Lab ID: 10H0615-05  
 Client Sample ID: T.B.2

Collection Date: 8/8/2010 12:00:00AM  
 Matrix: Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
<b>VOC 8260_TB</b>	<b>SW 8260B</b>						
						<b>Analyst: kds</b>	
1,1,1,2-Tetrachloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
1,1,1-Trichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
1,1,2,2-Tetrachloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
1,1,2-Trichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
1,1-Dichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
1,1-Dichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
1,1-Dichloropropene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
1,2-Dibromoethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
1,2-Dichloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
1,2-Dichloropropane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
1,3-Dichloropropane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
2,2-Dichloropropane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
2-Butanone	BDL	20.0		ug/L	1	1034292	8/19/2010 3:47:00PM
2-Chlorotoluene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
2-Hexanone	BDL	20.0		ug/L	1	1034292	8/19/2010 3:47:00PM
4-Chlorotoluene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
4-Methyl-2-pentanone	BDL	20.0		ug/L	1	1034292	8/19/2010 3:47:00PM
Acetone	BDL	20.0		ug/L	1	1034292	8/19/2010 3:47:00PM
Acetonitrile	BDL	40.0		ug/L	1	1034292	8/19/2010 3:47:00PM
Acrolein	BDL	20.0		ug/L	1	1034292	8/19/2010 3:47:00PM
Acrylonitrile	BDL	20.0		ug/L	1	1034292	8/19/2010 3:47:00PM
Allyl chloride	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Benzene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Bromobenzene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Bromochloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Bromodichloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Bromoform	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Bromomethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Carbon Disulfide	BDL	20.0		ug/L	1	1034292	8/19/2010 3:47:00PM
Carbon Tetrachloride	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Chlorobenzene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Chloroethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Chloroform	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Chloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
cis-1,2-Dichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
cis-1,3-Dichloropropene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Dibromochloromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Dibromomethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Dichlorodifluoromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Ethylbenzene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Iodomethane	BDL	10.0		ug/L	1	1034292	8/19/2010 3:47:00PM
Methylene Chloride	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Methyl tert-Butyl Ether	BDL	10.0		ug/L	1	1034292	8/19/2010 3:47:00PM
m,p-Xylene	BDL	10.0		ug/L	1	1034292	8/19/2010 3:47:00PM
n-Butylbenzene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM

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

**Lab Order:** 10H0615

**Lab ID:** 10H0615-05  
**Client Sample ID:** T.B.2

**Collection Date:** 8/8/2010 12:00:00AM  
**Matrix:** Groundwater

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
n-Hexane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
o-Xylene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Styrene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Tetrachloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Toluene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
trans-1,2-Dichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
trans-1,3-Dichloropropene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Trichloroethene	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Trichlorofluoromethane	BDL	5.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Vinyl Chloride	BDL	1.00		ug/L	1	1034292	8/19/2010 3:47:00PM
Vinyl acetate	BDL	10.0		ug/L	1	1034292	8/19/2010 3:47:00PM
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>104 %</i>		<i>41-140</i>		<i>1034292</i>	<i>8/19/2010 3:47:00PM</i>
<i>Surrogate: Dibromofluoromethane</i>		<i>121 %</i>		<i>34-158</i>		<i>1034292</i>	<i>8/19/2010 3:47:00PM</i>
<i>Surrogate: Toluene-d8</i>		<i>114 %</i>		<i>47-147</i>		<i>1034292</i>	<i>8/19/2010 3:47:00PM</i>
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>125 %</i>		<i>29-163</i>		<i>1034292</i>	<i>8/19/2010 3:47:00PM</i>

ANALYTICAL REQUEST  
CHAIN OF CUSTODY

Internal Lab Order Number **10710615**

Purchase Order No. \_\_\_\_\_ Quote No. \_\_\_\_\_ Client Project \_\_\_\_\_

**INVOICE TO**

Name: **ED Council**  
Company: **ED Council**  
Address: **1570**  
**3100 Beaman Blvd**  
City, State, Zip: **Danston Ohio**

**REPORT TO**

Name: \_\_\_\_\_  
Company: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Phone No.: \_\_\_\_\_  
Fax No.: \_\_\_\_\_

Date Results Rep:  Rush Charges Authorized?  No  Yes  Fax Results

Special Instructions: \_\_\_\_\_

Regulatory Type:  NPDES  RCRA  SDWA  VAP  Other \_\_\_\_\_

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

Collected in State of \_\_\_\_\_

Matrix Key:  DM - Drinking Water  GW - Ground Water  S - Soil/Solid  SL - Sludge  WW - Waste Water  Specify Other \_\_\_\_\_

**ANALYSIS REQUESTED**

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

Metals	VAP	HNO <sub>3</sub> , HCl, H <sub>2</sub> SO <sub>4</sub> , Ice, None, Other
VOCs	VAP	HNO <sub>3</sub> , HCl, H <sub>2</sub> SO <sub>4</sub> , Ice, None, Other
<del>PAHs</del>	VAP	HNO <sub>3</sub> , HCl, H <sub>2</sub> SO <sub>4</sub> , Ice, None, Other
PB3	VAP	HNO <sub>3</sub> , HCl, H <sub>2</sub> SO <sub>4</sub> , Ice, None, Other
TPH C10-34	VAP	HNO <sub>3</sub> , HCl, H <sub>2</sub> SO <sub>4</sub> , Ice, None, Other
TPH C4-12	VAP	HNO <sub>3</sub> , HCl, H <sub>2</sub> SO <sub>4</sub> , Ice, None, Other

Per Client 8/12/10

CLIENT SAMPLE IDENTIFICATION		Date Sampled	Time	Comp	Grab	Matrix	Number of Containers	Lab
MW-3		8/6/10	3:40			W	7	
MW-4		8/8/10	12:10			W	7	
DRCM		8/10/10	0:59			W	7	
TP-1						W	7	
TP-2						W	7	

Relinquished by: **SECF** Date/Time: **8:55** Received by: **MAK** Date/Time: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received at lab by: **MAK** Date/Time: **8-11-10**

Method of Shipment: **W/F** Cooler Temp: **2.60** Custody Seals:  Yes  No

Sampled by: **SECF** Date: **8-11-10**

Client Comments: \_\_\_\_\_

DISTRIBUTION:  White - Laboratory  Yellow - Accounting

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

Lab Order: 10H0615

**Extractable Hydrocarbons by 8015 - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1033249 - PREP DRO W**

**Blank (1033249-BLK1)**

Prepared: 08/13/10 Analyzed: 08/15/10

C10 to C20	BDL	0.500	mg/L							
C20 to C34	BDL	5.00	mg/L							
<i>Surrogate: o-Terphenyl</i>	0.221		mg/L	0.2000		111	42-121			

**LCS (1033249-BS1)**

Prepared: 08/13/10 Analyzed: 08/15/10

C10 to C20	5.38	0.500	mg/L	5.046		107	53-105			
<i>Surrogate: o-Terphenyl</i>	0.198		mg/L	0.2000		98.9	42-121			

**LCS Dup (1033249-BSD1)**

Prepared: 08/13/10 Analyzed: 08/15/10

C10 to C20	5.94	0.500	mg/L	5.046		118	53-105	9.84	13	
<i>Surrogate: o-Terphenyl</i>	0.225		mg/L	0.2000		112	42-121			

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

**Lab Order:** 10H0615

**Petroleum Hydrocarbons by GC FID - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1034184 - GC Prep**

<b>Blank (1034184-BLK1)</b>										
										Prepared & Analyzed: 08/18/10
Gasoline Range Organics, C6 - C12	BDL	5.00	mg/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>0.116</i>		<i>mg/L</i>	<i>0.1000</i>		<i>116</i>	<i>44-161</i>			
<b>LCS (1034184-BS1)</b>										
										Prepared & Analyzed: 08/18/10
Gasoline Range Organics, C6 - C12	9.44	5.00	mg/L	10.00		94.4	78-117			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>0.113</i>		<i>mg/L</i>	<i>0.1000</i>		<i>113</i>	<i>44-161</i>			
<b>LCS Dup (1034184-BSD1)</b>										
										Prepared & Analyzed: 08/18/10
Gasoline Range Organics, C6 - C12	9.49	5.00	mg/L	10.00		94.9	78-117	0.497	10	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>0.112</i>		<i>mg/L</i>	<i>0.1000</i>		<i>112</i>	<i>44-161</i>			

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

**Lab Order:** 10H0615

**Total Metals by ICP - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1035116 - PREP ICP W**

**Blank (1035116-BLK1)**

Prepared: 08/24/10 Analyzed: 08/25/10

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 (1035116-BS1)**

Prepared: 08/24/10 Analyzed: 08/25/10

Aluminum	1.02	0.0500	mg/L	1.000		102	85-115			
Antimony	0.974	0.00500	mg/L	1.000		97.4	85-115			
Arsenic	0.992	0.00500	mg/L	1.000		99.2	85-115			
Barium	0.979	0.00500	mg/L	1.000		97.9	85-115			
Beryllium	0.982	0.000500	mg/L	1.000		98.2	85-115			
Cadmium	0.987	0.000500	mg/L	1.000		98.7	85-115			
Chromium	0.981	0.00500	mg/L	1.000		98.1	85-115			
Cobalt	0.971	0.00500	mg/L	1.000		97.1	85-115			
Lead	0.992	0.00500	mg/L	1.000		99.2	85-115			
Nickel	0.967	0.00500	mg/L	1.000		96.7	85-115			
Selenium	0.991	0.0100	mg/L	1.000		99.1	85-115			
Silver	0.935	0.000500	mg/L	1.000		93.5	85-115			
Vanadium	0.995	0.00500	mg/L	1.000		99.5	85-115			
Zinc	0.976	0.0100	mg/L	1.000		97.6	85-115			

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

Lab Order: 10H0615

**Total Metals by ICP - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1035116 - PREP ICP W**

**LCS Dup (1035116-BSD1)**

Prepared: 08/24/10 Analyzed: 08/25/10

Aluminum	1.01	0.0500	mg/L	1.000		101	85-115	0.985	20	
Antimony	0.965	0.00500	mg/L	1.000		96.5	85-115	0.928	20	
Arsenic	0.982	0.00500	mg/L	1.000		98.2	85-115	1.01	20	
Barium	0.979	0.00500	mg/L	1.000		97.9	85-115	0.00	20	
Beryllium	0.976	0.000500	mg/L	1.000		97.6	85-115	0.613	20	
Cadmium	0.980	0.000500	mg/L	1.000		98.0	85-115	0.712	20	
Chromium	0.974	0.00500	mg/L	1.000		97.4	85-115	0.716	20	
Cobalt	0.965	0.00500	mg/L	1.000		96.5	85-115	0.620	20	
Lead	0.983	0.00500	mg/L	1.000		98.3	85-115	0.911	20	
Nickel	0.959	0.00500	mg/L	1.000		95.9	85-115	0.831	20	
Selenium	0.984	0.0100	mg/L	1.000		98.4	85-115	0.709	20	
Silver	0.933	0.000500	mg/L	1.000		93.3	85-115	0.214	20	
Vanadium	0.987	0.00500	mg/L	1.000		98.7	85-115	0.807	20	
Zinc	0.966	0.0100	mg/L	1.000		96.6	85-115	1.03	20	

**Duplicate (1035116-DUP1)**

Source: 10H1037-04

Prepared: 08/24/10 Analyzed: 08/25/10

Aluminum	0.0160	0.0500	mg/L		0.0183			13.4	20	
Antimony	BDL	0.00500	mg/L		ND				20	
Arsenic	0.0273	0.00500	mg/L		0.0281			2.89	20	
Barium	0.0437	0.00500	mg/L		0.0473			7.91	20	
Beryllium	0.0000600	0.000500	mg/L		0.0000400			40.0	20	R
Cadmium	0.000260	0.000500	mg/L		ND				20	
Chromium	0.00123	0.00500	mg/L		0.00125			1.61	20	
Cobalt	0.00146	0.00500	mg/L		0.00128			13.1	20	
Lead	0.00120	0.00500	mg/L		0.00202			50.9	20	R
Nickel	0.0329	0.00500	mg/L		0.0353			7.04	20	
Selenium	0.00350	0.0100	mg/L		0.00414			16.8	20	
Silver	BDL	0.000500	mg/L		ND				20	
Vanadium	0.00942	0.00500	mg/L		0.0101			6.97	20	
Zinc	BDL	0.0100	mg/L		0.00287				20	

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

**Lab Order:** 10H0615

**Total Metals by ICP - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1035116 - PREP ICP W**

<b>Matrix Spike (1035116-MS1)</b>	<b>Source: 10H1037-04</b>			<b>Prepared: 08/24/10 Analyzed: 08/25/10</b>						
Aluminum	0.821	0.0500	mg/L	1.000	0.0183	80.3	75-125			
Antimony	0.937	0.00500	mg/L	1.000	ND	93.7	75-125			
Arsenic	1.02	0.00500	mg/L	1.000	0.0281	99.2	75-125			
Barium	0.972	0.00500	mg/L	1.000	0.0473	92.5	75-125			
Beryllium	0.938	0.000500	mg/L	1.000	0.0000400	93.8	75-125			
Cadmium	0.951	0.000500	mg/L	1.000	ND	95.1	75-125			
Chromium	0.930	0.00500	mg/L	1.000	0.00125	92.9	75-125			
Cobalt	0.922	0.00500	mg/L	1.000	0.00128	92.1	75-125			
Lead	0.940	0.00500	mg/L	1.000	0.00202	93.8	75-125			
Nickel	0.953	0.00500	mg/L	1.000	0.0353	91.8	75-125			
Selenium	1.00	0.0100	mg/L	1.000	0.00414	99.6	75-125			
Silver	0.890	0.000500	mg/L	1.000	ND	89.0	75-125			
Vanadium	0.951	0.00500	mg/L	1.000	0.0101	94.1	75-125			
Zinc	0.956	0.0100	mg/L	1.000	0.00287	95.3	75-125			

<b>Matrix Spike Dup (1035116-MSD1)</b>	<b>Source: 10H1037-04</b>			<b>Prepared: 08/24/10 Analyzed: 08/25/10</b>						
Aluminum	0.788	0.0500	mg/L	1.000	0.0183	77.0	75-125	4.10	20	
Antimony	0.903	0.00500	mg/L	1.000	ND	90.3	75-125	3.70	20	
Arsenic	0.988	0.00500	mg/L	1.000	0.0281	96.0	75-125	3.19	20	
Barium	0.931	0.00500	mg/L	1.000	0.0473	88.4	75-125	4.31	20	
Beryllium	0.906	0.000500	mg/L	1.000	0.0000400	90.6	75-125	3.47	20	
Cadmium	0.913	0.000500	mg/L	1.000	ND	91.3	75-125	4.08	20	
Chromium	0.893	0.00500	mg/L	1.000	0.00125	89.2	75-125	4.06	20	
Cobalt	0.885	0.00500	mg/L	1.000	0.00128	88.4	75-125	4.10	20	
Lead	0.902	0.00500	mg/L	1.000	0.00202	90.0	75-125	4.13	20	
Nickel	0.917	0.00500	mg/L	1.000	0.0353	88.2	75-125	3.85	20	
Selenium	0.957	0.0100	mg/L	1.000	0.00414	95.3	75-125	4.39	20	
Silver	0.853	0.000500	mg/L	1.000	ND	85.3	75-125	4.25	20	
Vanadium	0.913	0.00500	mg/L	1.000	0.0101	90.3	75-125	4.08	20	
Zinc	0.919	0.0100	mg/L	1.000	0.00287	91.6	75-125	3.95	20	



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

**Lab Order:** 10H0615

**Total Metals by ICP - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1035116 - PREP ICP W**

<b>Post Spike (1035116-PS1)</b>	<b>Source: 10H1037-04</b>			<b>Prepared: 08/24/10 Analyzed: 08/25/10</b>						
Aluminum	0.789		mg/L	1.000	0.0183	77.1	0-200			
Antimony	0.900		mg/L	1.000	-0.00272	90.3	0-200			
Arsenic	0.986		mg/L	1.000	0.0281	95.8	0-200			
Barium	0.928		mg/L	1.000	0.0473	88.1	0-200			
Beryllium	0.899		mg/L	1.000	0.0000400	89.9	0-200			
Cadmium	0.913		mg/L	1.000	ND	91.3	0-200			
Chromium	0.892		mg/L	1.000	0.00125	89.1	0-200			
Cobalt	0.884		mg/L	1.000	0.00128	88.3	0-200			
Lead	0.903		mg/L	1.000	0.00202	90.1	0-200			
Nickel	0.915		mg/L	1.000	0.0353	88.0	0-200			
Selenium	0.960		mg/L	1.000	0.00414	95.6	0-200			
Silver	0.846		mg/L	1.000	-0.000880	84.7	0-200			
Vanadium	0.911		mg/L	1.000	0.0101	90.1	0-200			
Zinc	0.917		mg/L	1.000	0.00287	91.4	0-200			

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

**Lab Order:** 10H0615

**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
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**Batch 1035162 - PREP GFAA W**

<b>Blank (1035162-BLK1)</b>				Prepared & Analyzed: 08/25/10						
Thallium	BDL	0.00100	mg/L							
<b>LCS (1035162-BS1)</b>				Prepared & Analyzed: 08/25/10						
Thallium	0.0200	0.00100	mg/L	0.02000		100	80-120			
<b>LCS Dup (1035162-BSD1)</b>				Prepared & Analyzed: 08/25/10						
Thallium	0.0207	0.00100	mg/L	0.02000		103	80-120	3	20	
<b>Matrix Spike (1035162-MS1)</b>				<b>Source: 10H0615-01</b>		Prepared & Analyzed: 08/25/10				
Thallium	0.0166	0.00100	mg/L	0.02000	ND	83	70-130			
<b>Matrix Spike Dup (1035162-MSD1)</b>				<b>Source: 10H0615-01</b>		Prepared & Analyzed: 08/25/10				
Thallium	0.0168	0.00100	mg/L	0.02000	ND	84	70-130	2	30	

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

**Lab Order:** 10H0615

**Mercury Analysis - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1035180 - PREP HG W**

<b>Blank (1035180-BLK1)</b>				Prepared & Analyzed: 08/25/10						
Mercury	BDL	0.000200	mg/L							
<b>LCS (1035180-BS1)</b>				Prepared & Analyzed: 08/25/10						
Mercury	0.00572	0.000200	mg/L	0.006250		92	80-120			
<b>LCS Dup (1035180-BSD1)</b>				Prepared & Analyzed: 08/25/10						
Mercury	0.00577	0.000200	mg/L	0.006250		92	80-120	0.9	20	
<b>Matrix Spike (1035180-MS1)</b>				<b>Source: 10H0615-01</b>		Prepared & Analyzed: 08/25/10				
Mercury	0.00593	0.000200	mg/L	0.006250	ND	95	70-130			
<b>Matrix Spike Dup (1035180-MSD1)</b>				<b>Source: 10H0615-01</b>		Prepared & Analyzed: 08/25/10				
Mercury	0.00582	0.000200	mg/L	0.006250	ND	93	70-130	2	30	

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

Lab Order: 10H0615

**Polychlorinated Biphenyls by EPA Method 8082 - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1033196 - PREP PP W**

**Blank (1033196-BLK1)**

Prepared: 08/12/10 Analyzed: 08/17/10

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	0.830		ug/L	1.000		83.0	36-157			
Surrogate: Tetrachloro-m-xylene	0.480		ug/L	1.000		48.0	28-127			

**LCS (1033196-BS1)**

Prepared: 08/12/10 Analyzed: 08/18/10

Aroclor 1016	10.3	0.500	ug/L	10.00		103	50-170			
Aroclor 1260	9.00	0.500	ug/L	10.00		90.0	53-163			
Surrogate: Decachlorobiphenyl	1.16		ug/L	1.000		116	36-157			
Surrogate: Tetrachloro-m-xylene	0.470		ug/L	1.000		47.0	28-127			

**LCS Dup (1033196-BSD1)**

Prepared: 08/12/10 Analyzed: 08/18/10

Aroclor 1016	9.00	0.500	ug/L	10.00		90.0	50-170	13.2	19	
Aroclor 1260	9.73	0.500	ug/L	10.00		97.3	53-163	7.79	22	
Surrogate: Decachlorobiphenyl	1.12		ug/L	1.000		112	36-157			
Surrogate: Tetrachloro-m-xylene	0.500		ug/L	1.000		50.0	28-127			

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

Lab Order: 10H0615

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1034292 - VOC PREP

Blank (1034292-BLK1)

Prepared & Analyzed: 08/19/10

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

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

**Lab Order:** 10H0615

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1034292 - VOC PREP**

**Blank (1034292-BLK1)**

Prepared & Analyzed: 08/19/10

Benzene	BDL	5.00	ug/L							
Bromobenzene	BDL	5.00	ug/L							
Bromobenzene	BDL	5.00	ug/L							
Bromochloromethane	BDL	5.00	ug/L							
Bromochloromethane	BDL	5.00	ug/L							
Bromodichloromethane	BDL	5.00	ug/L							
Bromodichloromethane	BDL	5.00	ug/L							
Bromoform	BDL	5.00	ug/L							
Bromoform	BDL	5.00	ug/L							
Bromomethane	BDL	5.00	ug/L							
Bromomethane	BDL	5.00	ug/L							
Carbon Disulfide	BDL	20.0	ug/L							
Carbon Disulfide	BDL	20.0	ug/L							
Carbon Tetrachloride	BDL	5.00	ug/L							
Carbon Tetrachloride	BDL	5.00	ug/L							
Chlorobenzene	BDL	5.00	ug/L							
Chlorobenzene	BDL	5.00	ug/L							
Chloroethane	BDL	5.00	ug/L							
Chloroethane	BDL	5.00	ug/L							
Chloroform	BDL	5.00	ug/L							
Chloroform	BDL	5.00	ug/L							
Chloromethane	BDL	5.00	ug/L							
Chloromethane	BDL	5.00	ug/L							
cis-1,2-Dichloroethene	BDL	5.00	ug/L							
cis-1,2-Dichloroethene	BDL	5.00	ug/L							
cis-1,3-Dichloropropene	BDL	5.00	ug/L							
cis-1,3-Dichloropropene	BDL	5.00	ug/L							
Dibromochloromethane	BDL	5.00	ug/L							
Dibromochloromethane	BDL	5.00	ug/L							
Dibromomethane	BDL	5.00	ug/L							
Dibromomethane	BDL	5.00	ug/L							
Dichlorodifluoromethane	BDL	5.00	ug/L							
Dichlorodifluoromethane	BDL	5.00	ug/L							
Ethylbenzene	BDL	5.00	ug/L							
Ethylbenzene	BDL	5.00	ug/L							
Iodomethane	BDL	10.0	ug/L							
Iodomethane	BDL	10.0	ug/L							
Methylene Chloride	BDL	5.00	ug/L							
Methylene Chloride	BDL	5.00	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
Methyl tert-Butyl Ether	BDL	10.0	ug/L							
m,p-Xylene	BDL	10.0	ug/L							
m,p-Xylene	BDL	10.0	ug/L							
n-Butylbenzene	BDL	5.00	ug/L							
n-Hexane	BDL	5.00	ug/L							

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

Lab Order: 10H0615

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1034292 - VOC PREP

Blank (1034292-BLK1)

Prepared & Analyzed: 08/19/10

n-Hexane	BDL	5.00	ug/L							
o-Xylene	BDL	5.00	ug/L							
o-Xylene	BDL	5.00	ug/L							
Styrene	BDL	5.00	ug/L							
Styrene	BDL	5.00	ug/L							
Tetrachloroethene	BDL	5.00	ug/L							
Tetrachloroethene	BDL	5.00	ug/L							
Toluene	BDL	5.00	ug/L							
Toluene	BDL	5.00	ug/L							
trans-1,2-Dichloroethene	BDL	5.00	ug/L							
trans-1,2-Dichloroethene	BDL	5.00	ug/L							
trans-1,3-Dichloropropene	BDL	5.00	ug/L							
trans-1,3-Dichloropropene	BDL	5.00	ug/L							
Trichloroethene	BDL	5.00	ug/L							
Trichloroethene	BDL	5.00	ug/L							
Trichlorofluoromethane	BDL	5.00	ug/L							
Trichlorofluoromethane	BDL	5.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl Chloride	BDL	1.00	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
Vinyl acetate	BDL	10.0	ug/L							
Surrogate: 4-Bromofluorobenzene	53.0		ug/L	50.00		106	41-140			
Surrogate: 4-Bromofluorobenzene	53.0		ug/L	50.00		106	41-140			
Surrogate: Dibromofluoromethane	58.9		ug/L	50.00		118	34-158			
Surrogate: Dibromofluoromethane	58.9		ug/L	50.00		118	34-158			
Surrogate: Toluene-d8	57.1		ug/L	50.00		114	47-147			
Surrogate: Toluene-d8	57.1		ug/L	50.00		114	47-147			
Surrogate: 1,2-Dichloroethane-d4	58.7		ug/L	50.00		117	29-163			
Surrogate: 1,2-Dichloroethane-d4	58.7		ug/L	50.00		117	29-163			

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

Lab Order: 10H0615

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1034292 - VOC PREP

LCS (1034292-BS1)

Prepared & Analyzed: 08/19/10

1,1,1,2-Tetrachloroethane	22.1	5.00	ug/L	20.00		111	78-128			
1,1,1,2-Tetrachloroethane	22.1	5.00	ug/L	20.00		111	78-128			
1,1,1-Trichloroethane	22.2	5.00	ug/L	20.00		111	70-135			
1,1,1-Trichloroethane	22.2	5.00	ug/L	20.00		111	70-135			
1,1,2,2-Tetrachloroethane	22.4	5.00	ug/L	20.00		112	68-135			
1,1,2,2-Tetrachloroethane	22.4	5.00	ug/L	20.00		112	68-135			
1,1,2-Trichloroethane	21.8	5.00	ug/L	20.00		109	74-131			
1,1,2-Trichloroethane	21.8	5.00	ug/L	20.00		109	74-131			
1,1-Dichloroethane	23.0	5.00	ug/L	20.00		115	72-134			
1,1-Dichloroethane	23.0	5.00	ug/L	20.00		115	72-134			
1,1-Dichloroethene	23.1	5.00	ug/L	20.00		115	62-143			
1,1-Dichloroethene	23.1	5.00	ug/L	20.00		115	62-143			
1,1-Dichloropropene	20.9	5.00	ug/L	20.00		104	82-128			
1,1-Dichloropropene	20.9	5.00	ug/L	20.00		104	82-128			
1,2-Dibromoethane	21.7	5.00	ug/L	20.00		108	67-132			
1,2-Dibromoethane	21.7	5.00	ug/L	20.00		108	67-132			
1,2-Dichloroethane	21.5	5.00	ug/L	20.00		108	72-131			
1,2-Dichloroethane	21.5	5.00	ug/L	20.00		108	72-131			
1,2-Dichloropropane	22.5	5.00	ug/L	20.00		113	75-128			
1,2-Dichloropropane	22.5	5.00	ug/L	20.00		113	75-128			
1,3-Dichloropropane	21.9	5.00	ug/L	20.00		110	73-130			
1,3-Dichloropropane	21.9	5.00	ug/L	20.00		110	73-130			
2,2-Dichloropropane	22.8	5.00	ug/L	20.00		114	45-173			
2,2-Dichloropropane	22.8	5.00	ug/L	20.00		114	45-173			
2-Butanone	87.8	20.0	ug/L	80.00		110	42-140			
2-Butanone	87.8	20.0	ug/L	80.00		110	42-140			
2-Chlorotoluene	21.1	5.00	ug/L	20.00		105	76-126			
2-Chlorotoluene	21.1	5.00	ug/L	20.00		105	76-126			
2-Hexanone	83.2	20.0	ug/L	80.00		104	18-178			
2-Hexanone	83.2	20.0	ug/L	80.00		104	18-178			
4-Chlorotoluene	21.6	5.00	ug/L	20.00		108	77-132			
4-Chlorotoluene	21.6	5.00	ug/L	20.00		108	77-132			
4-Methyl-2-pentanone	83.6	20.0	ug/L	80.00		105	42-160			
4-Methyl-2-pentanone	83.6	20.0	ug/L	80.00		105	42-160			
Acetone	93.4	20.0	ug/L	80.00		117	30-173			
Acetone	93.4	20.0	ug/L	80.00		117	30-173			
Acetonitrile	29.0	40.0	ug/L	20.00		145	58-150			
Acetonitrile	29.0	40.0	ug/L	20.00		145	58-150			
Acrylonitrile	22.7	20.0	ug/L	20.00		114	64-153			
Acrylonitrile	22.7	20.0	ug/L	20.00		114	64-153			
Allyl chloride	24.5	5.00	ug/L	20.00		122	67-149			
Allyl chloride	24.5	5.00	ug/L	20.00		122	67-149			
Benzene	21.9	5.00	ug/L	20.00		109	77-126			
Benzene	21.9	5.00	ug/L	20.00		109	77-126			
Bromobenzene	22.8	5.00	ug/L	20.00		114	72-131			



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

Lab Order: 10H0615

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1034292 - VOC PREP

LCS (1034292-BS1)

Prepared & Analyzed: 08/19/10

Bromobenzene	22.8	5.00	ug/L	20.00		114	72-131			
Bromochloromethane	22.6	5.00	ug/L	20.00		113	71-135			
Bromochloromethane	22.6	5.00	ug/L	20.00		113	71-135			
Bromodichloromethane	21.9	5.00	ug/L	20.00		109	78-129			
Bromodichloromethane	21.9	5.00	ug/L	20.00		109	78-129			
Bromoform	21.3	5.00	ug/L	20.00		107	69-135			
Bromoform	21.3	5.00	ug/L	20.00		107	69-135			
Bromomethane	36.6	5.00	ug/L	20.00		183	14-193			
Bromomethane	36.6	5.00	ug/L	20.00		183	14-193			
Carbon Disulfide	23.5	20.0	ug/L	20.00		117	54-150			
Carbon Disulfide	23.5	20.0	ug/L	20.00		117	54-150			
Carbon Tetrachloride	21.5	5.00	ug/L	20.00		108	67-138			
Carbon Tetrachloride	21.5	5.00	ug/L	20.00		108	67-138			
Chlorobenzene	21.7	5.00	ug/L	20.00		108	77-125			
Chlorobenzene	21.7	5.00	ug/L	20.00		108	77-125			
Chloroethane	29.4	5.00	ug/L	20.00		147	27-170			
Chloroethane	29.4	5.00	ug/L	20.00		147	27-170			
Chloroform	22.0	5.00	ug/L	20.00		110	73-136			
Chloroform	22.0	5.00	ug/L	20.00		110	73-136			
Chloromethane	38.7	5.00	ug/L	20.00		194	44-145			L
Chloromethane	38.7	5.00	ug/L	20.00		194	44-145			L
cis-1,2-Dichloroethene	22.9	5.00	ug/L	20.00		115	77-137			
cis-1,2-Dichloroethene	22.9	5.00	ug/L	20.00		115	77-137			
cis-1,3-Dichloropropene	20.9	5.00	ug/L	20.00		104	70-133			
cis-1,3-Dichloropropene	20.9	5.00	ug/L	20.00		104	70-133			
Dibromochloromethane	21.8	5.00	ug/L	20.00		109	68-131			
Dibromochloromethane	21.8	5.00	ug/L	20.00		109	68-131			
Dibromomethane	21.8	5.00	ug/L	20.00		109	74-129			
Dibromomethane	21.8	5.00	ug/L	20.00		109	74-129			
Dichlorodifluoromethane	37.4	5.00	ug/L	20.00		187	41-145			L
Dichlorodifluoromethane	37.4	5.00	ug/L	20.00		187	41-145			L
Ethylbenzene	21.9	5.00	ug/L	20.00		109	79-126			
Ethylbenzene	21.9	5.00	ug/L	20.00		109	79-126			
Iodomethane	25.8	10.0	ug/L	20.00		129	52-150			
Iodomethane	25.8	10.0	ug/L	20.00		129	52-150			
Methylene Chloride	21.9	5.00	ug/L	20.00		110	43-162			
Methylene Chloride	21.9	5.00	ug/L	20.00		110	43-162			
Methyl tert-Butyl Ether	19.5	10.0	ug/L	20.00		97.6	63-134			
Methyl tert-Butyl Ether	19.5	10.0	ug/L	20.00		97.6	63-134			
m,p-Xylene	42.3	10.0	ug/L	40.00		106	82-132			
m,p-Xylene	42.3	10.0	ug/L	40.00		106	82-132			
n-Butylbenzene	21.8	5.00	ug/L	20.00		109	80-135			
n-Hexane	26.6	5.00	ug/L	20.00		133	10-216			
n-Hexane	26.6	5.00	ug/L	20.00		133	10-216			
o-Xylene	21.0	5.00	ug/L	20.00		105	81-128			

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

Lab Order: 10H0615

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1034292 - VOC PREP

LCS (1034292-BS1)

Prepared & Analyzed: 08/19/10

o-Xylene	21.0	5.00	ug/L	20.00		105	81-128			
Styrene	21.8	5.00	ug/L	20.00		109	81-129			
Styrene	21.8	5.00	ug/L	20.00		109	81-129			
Tetrachloroethene	22.5	5.00	ug/L	20.00		112	43-152			
Tetrachloroethene	22.5	5.00	ug/L	20.00		112	43-152			
Toluene	21.2	5.00	ug/L	20.00		106	79-128			
Toluene	21.2	5.00	ug/L	20.00		106	79-128			
trans-1,2-Dichloroethene	23.9	5.00	ug/L	20.00		120	60-144			
trans-1,2-Dichloroethene	23.9	5.00	ug/L	20.00		120	60-144			
trans-1,3-Dichloropropene	20.6	5.00	ug/L	20.00		103	67-138			
trans-1,3-Dichloropropene	20.6	5.00	ug/L	20.00		103	67-138			
Trichloroethene	21.9	5.00	ug/L	20.00		109	74-132			
Trichloroethene	21.9	5.00	ug/L	20.00		109	74-132			
Trichlorofluoromethane	28.2	5.00	ug/L	20.00		141	48-170			
Trichlorofluoromethane	28.2	5.00	ug/L	20.00		141	48-170			
Vinyl Chloride	35.0	1.00	ug/L	20.00		175	60-143			L
Vinyl Chloride	35.0	1.00	ug/L	20.00		175	60-143			L
Vinyl acetate	14.0	10.0	ug/L	20.00		70.0	16-196			
Vinyl acetate	14.0	10.0	ug/L	20.00		70.0	16-196			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>57.6</i>		<i>ug/L</i>	<i>50.00</i>		<i>115</i>	<i>41-140</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>57.6</i>		<i>ug/L</i>	<i>50.00</i>		<i>115</i>	<i>41-140</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>59.3</i>		<i>ug/L</i>	<i>50.00</i>		<i>119</i>	<i>34-158</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>59.3</i>		<i>ug/L</i>	<i>50.00</i>		<i>119</i>	<i>34-158</i>			
<i>Surrogate: Toluene-d8</i>	<i>57.9</i>		<i>ug/L</i>	<i>50.00</i>		<i>116</i>	<i>47-147</i>			
<i>Surrogate: Toluene-d8</i>	<i>57.9</i>		<i>ug/L</i>	<i>50.00</i>		<i>116</i>	<i>47-147</i>			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>57.4</i>		<i>ug/L</i>	<i>50.00</i>		<i>115</i>	<i>29-163</i>			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>57.4</i>		<i>ug/L</i>	<i>50.00</i>		<i>115</i>	<i>29-163</i>			

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

Lab Order: 10H0615

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1034292 - VOC PREP

LCS Dup (1034292-bsd1)

Prepared & Analyzed: 08/19/10

1,1,1,2-Tetrachloroethane	20.5	5.00	ug/L	20.00		102	78-128	7.74	16	
1,1,1,2-Tetrachloroethane	20.5	5.00	ug/L	20.00		102	78-128	7.74	16	
1,1,1-Trichloroethane	20.3	5.00	ug/L	20.00		101	70-135	8.95	20	
1,1,1-Trichloroethane	20.3	5.00	ug/L	20.00		101	70-135	8.95	20	
1,1,2,2-Tetrachloroethane	21.3	5.00	ug/L	20.00		106	68-135	5.35	19	
1,1,2,2-Tetrachloroethane	21.3	5.00	ug/L	20.00		106	68-135	5.35	19	
1,1,2-Trichloroethane	20.8	5.00	ug/L	20.00		104	74-131	4.83	16	
1,1,2-Trichloroethane	20.8	5.00	ug/L	20.00		104	74-131	4.83	16	
1,1-Dichloroethane	21.4	5.00	ug/L	20.00		107	72-134	7.19	19	
1,1-Dichloroethane	21.4	5.00	ug/L	20.00		107	72-134	7.19	19	
1,1-Dichloroethene	18.9	5.00	ug/L	20.00		94.4	62-143	20.0	20	
1,1-Dichloroethene	18.9	5.00	ug/L	20.00		94.4	62-143	20.0	20	
1,1-Dichloropropene	19.6	5.00	ug/L	20.00		98.1	82-128	6.22	18	
1,1-Dichloropropene	19.6	5.00	ug/L	20.00		98.1	82-128	6.22	18	
1,2-Dibromoethane	20.2	5.00	ug/L	20.00		101	67-132	7.07	13	
1,2-Dibromoethane	20.2	5.00	ug/L	20.00		101	67-132	7.07	13	
1,2-Dichloroethane	20.3	5.00	ug/L	20.00		101	72-131	5.94	16	
1,2-Dichloroethane	20.3	5.00	ug/L	20.00		101	72-131	5.94	16	
1,2-Dichloropropane	20.8	5.00	ug/L	20.00		104	75-128	7.75	19	
1,2-Dichloropropane	20.8	5.00	ug/L	20.00		104	75-128	7.75	19	
1,3-Dichloropropane	21.0	5.00	ug/L	20.00		105	73-130	4.01	13	
1,3-Dichloropropane	21.0	5.00	ug/L	20.00		105	73-130	4.01	13	
2,2-Dichloropropane	20.7	5.00	ug/L	20.00		103	45-173	10.0	25	
2,2-Dichloropropane	20.7	5.00	ug/L	20.00		103	45-173	10.0	25	
2-Butanone	84.2	20.0	ug/L	80.00		105	42-140	4.27	18	
2-Butanone	84.2	20.0	ug/L	80.00		105	42-140	4.27	18	
2-Chlorotoluene	19.6	5.00	ug/L	20.00		98.0	76-126	7.28	20	
2-Chlorotoluene	19.6	5.00	ug/L	20.00		98.0	76-126	7.28	20	
2-Hexanone	78.4	20.0	ug/L	80.00		98.0	18-178	6.00	17	
2-Hexanone	78.4	20.0	ug/L	80.00		98.0	18-178	6.00	17	
4-Chlorotoluene	19.9	5.00	ug/L	20.00		99.7	77-132	7.99	22	
4-Chlorotoluene	19.9	5.00	ug/L	20.00		99.7	77-132	7.99	22	
4-Methyl-2-pentanone	82.2	20.0	ug/L	80.00		103	42-160	1.75	67	
4-Methyl-2-pentanone	82.2	20.0	ug/L	80.00		103	42-160	1.75	67	
Acetone	95.3	20.0	ug/L	80.00		119	30-173	2.06	24	
Acetone	95.3	20.0	ug/L	80.00		119	30-173	2.06	24	
Acetonitrile	26.1	40.0	ug/L	20.00		130	58-150	10.6	25	
Acetonitrile	26.1	40.0	ug/L	20.00		130	58-150	10.6	25	
Acrylonitrile	22.9	20.0	ug/L	20.00		115	64-153	0.964	20	
Acrylonitrile	22.9	20.0	ug/L	20.00		115	64-153	0.964	20	
Allyl chloride	24.1	5.00	ug/L	20.00		120	67-149	1.52	16	
Allyl chloride	24.1	5.00	ug/L	20.00		120	67-149	1.52	16	
Benzene	20.1	5.00	ug/L	20.00		100	77-126	8.48	19	
Benzene	20.1	5.00	ug/L	20.00		100	77-126	8.48	19	
Bromobenzene	21.4	5.00	ug/L	20.00		107	72-131	6.25	20	

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

Lab Order: 10H0615

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
<b>Batch 1034292 - VOC PREP</b>										
<b>LCS Dup (1034292-BSD1)</b>										
Prepared & Analyzed: 08/19/10										
Bromobenzene	21.4	5.00	ug/L	20.00		107	72-131	6.25	20	
Bromochloromethane	21.5	5.00	ug/L	20.00		108	71-135	5.03	16	
Bromochloromethane	21.5	5.00	ug/L	20.00		108	71-135	5.03	16	
Bromodichloromethane	20.5	5.00	ug/L	20.00		103	78-129	6.42	17	
Bromodichloromethane	20.5	5.00	ug/L	20.00		103	78-129	6.42	17	
Bromoform	20.5	5.00	ug/L	20.00		103	69-135	3.82	18	
Bromoform	20.5	5.00	ug/L	20.00		103	69-135	3.82	18	
Bromomethane	29.8	5.00	ug/L	20.00		149	14-193	20.4	28	
Bromomethane	29.8	5.00	ug/L	20.00		149	14-193	20.4	28	
Carbon Disulfide	18.4	20.0	ug/L	20.00		91.8	54-150	24.4	19	R
Carbon Disulfide	18.4	20.0	ug/L	20.00		91.8	54-150	24.4	19	R
Carbon Tetrachloride	19.7	5.00	ug/L	20.00		98.4	67-138	8.98	21	
Carbon Tetrachloride	19.7	5.00	ug/L	20.00		98.4	67-138	8.98	21	
Chlorobenzene	20.1	5.00	ug/L	20.00		101	77-125	7.41	19	
Chlorobenzene	20.1	5.00	ug/L	20.00		101	77-125	7.41	19	
Chloroethane	23.2	5.00	ug/L	20.00		116	27-170	23.7	64	
Chloroethane	23.2	5.00	ug/L	20.00		116	27-170	23.7	64	
Chloroform	20.6	5.00	ug/L	20.00		103	73-136	6.90	19	
Chloroform	20.6	5.00	ug/L	20.00		103	73-136	6.90	19	
Chloromethane	33.8	5.00	ug/L	20.00		169	44-145	13.7	26	L
Chloromethane	33.8	5.00	ug/L	20.00		169	44-145	13.7	26	L
cis-1,2-Dichloroethene	21.2	5.00	ug/L	20.00		106	77-137	7.65	17	
cis-1,2-Dichloroethene	21.2	5.00	ug/L	20.00		106	77-137	7.65	17	
cis-1,3-Dichloropropene	19.8	5.00	ug/L	20.00		99.2	70-133	5.11	19	
cis-1,3-Dichloropropene	19.8	5.00	ug/L	20.00		99.2	70-133	5.11	19	
Dibromochloromethane	20.7	5.00	ug/L	20.00		104	68-131	5.08	18	
Dibromochloromethane	20.7	5.00	ug/L	20.00		104	68-131	5.08	18	
Dibromomethane	20.9	5.00	ug/L	20.00		104	74-129	4.26	16	
Dibromomethane	20.9	5.00	ug/L	20.00		104	74-129	4.26	16	
Dichlorodifluoromethane	31.5	5.00	ug/L	20.00		157	41-145	17.2	15	L
Dichlorodifluoromethane	31.5	5.00	ug/L	20.00		157	41-145	17.2	15	L
Ethylbenzene	20.2	5.00	ug/L	20.00		101	79-126	8.28	20	
Ethylbenzene	20.2	5.00	ug/L	20.00		101	79-126	8.28	20	
Iodomethane	21.3	10.0	ug/L	20.00		106	52-150	19.1	25	
Iodomethane	21.3	10.0	ug/L	20.00		106	52-150	19.1	25	
Methylene Chloride	22.6	5.00	ug/L	20.00		113	43-162	3.10	28	
Methylene Chloride	22.6	5.00	ug/L	20.00		113	43-162	3.10	28	
Methyl tert-Butyl Ether	18.6	10.0	ug/L	20.00		92.9	63-134	4.99	20	
Methyl tert-Butyl Ether	18.6	10.0	ug/L	20.00		92.9	63-134	4.99	20	
m,p-Xylene	38.8	10.0	ug/L	40.00		97.1	82-132	8.62	18	
m,p-Xylene	38.8	10.0	ug/L	40.00		97.1	82-132	8.62	18	
n-Butylbenzene	19.5	5.00	ug/L	20.00		97.7	80-135	10.9	18	
n-Hexane	24.5	5.00	ug/L	20.00		123	10-216	8.06	64	
n-Hexane	24.5	5.00	ug/L	20.00		123	10-216	8.06	64	
o-Xylene	19.2	5.00	ug/L	20.00		96.0	81-128	9.15	19	

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

Lab Order: 10H0615

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1034292 - VOC PREP

LCS Dup (1034292-BSD1)

Prepared & Analyzed: 08/19/10

o-Xylene	19.2	5.00	ug/L	20.00		96.0	81-128	9.15	19	
Styrene	20.4	5.00	ug/L	20.00		102	81-129	6.60	17	
Styrene	20.4	5.00	ug/L	20.00		102	81-129	6.60	17	
Tetrachloroethene	21.8	5.00	ug/L	20.00		109	43-152	3.39	29	
Tetrachloroethene	21.8	5.00	ug/L	20.00		109	43-152	3.39	29	
Toluene	19.7	5.00	ug/L	20.00		98.6	79-128	7.14	19	
Toluene	19.7	5.00	ug/L	20.00		98.6	79-128	7.14	19	
trans-1,2-Dichloroethene	22.2	5.00	ug/L	20.00		111	60-144	7.50	20	
trans-1,2-Dichloroethene	22.2	5.00	ug/L	20.00		111	60-144	7.50	20	
trans-1,3-Dichloropropene	19.9	5.00	ug/L	20.00		99.6	67-138	3.11	17	
trans-1,3-Dichloropropene	19.9	5.00	ug/L	20.00		99.6	67-138	3.11	17	
Trichloroethene	20.1	5.00	ug/L	20.00		101	74-132	8.34	20	
Trichloroethene	20.1	5.00	ug/L	20.00		101	74-132	8.34	20	
Trichlorofluoromethane	24.5	5.00	ug/L	20.00		123	48-170	13.9	50	
Trichlorofluoromethane	24.5	5.00	ug/L	20.00		123	48-170	13.9	50	
Vinyl Chloride	31.2	1.00	ug/L	20.00		156	60-143	11.2	19	L
Vinyl Chloride	31.2	1.00	ug/L	20.00		156	60-143	11.2	19	L
Vinyl acetate	12.9	10.0	ug/L	20.00		64.6	16-196	7.88	45	
Vinyl acetate	12.9	10.0	ug/L	20.00		64.6	16-196	7.88	45	
Surrogate: 4-Bromofluorobenzene	56.9		ug/L	50.00		114	41-140			
Surrogate: 4-Bromofluorobenzene	56.9		ug/L	50.00		114	41-140			
Surrogate: Dibromofluoromethane	58.5		ug/L	50.00		117	34-158			
Surrogate: Dibromofluoromethane	58.5		ug/L	50.00		117	34-158			
Surrogate: Toluene-d8	57.3		ug/L	50.00		115	47-147			
Surrogate: Toluene-d8	57.3		ug/L	50.00		115	47-147			
Surrogate: 1,2-Dichloroethane-d4	57.1		ug/L	50.00		114	29-163			
Surrogate: 1,2-Dichloroethane-d4	57.1		ug/L	50.00		114	29-163			

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

Lab Order: 10H0615

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1033253 - PREP SVOC W

Blank (1033253-BLK1)

Prepared: 08/13/10 Analyzed: 08/17/10

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	0.200	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	10.0	ug/L							
Phenanthrene	BDL	10.0	ug/L							
Pyrene	BDL	10.0	ug/L							
Surrogate: Nitrobenzene-d5	20.2		ug/L	40.00		50.5	50-125			
Surrogate: 2-Fluorobiphenyl	20.9		ug/L	40.00		52.2	50-120			
Surrogate: Terphenyl-d14	19.1		ug/L	40.00		47.7	30-150			

LCS (1033253-BS1)

Prepared: 08/13/10 Analyzed: 08/17/10

Acenaphthene	73.9	10.0	ug/L	100.0		73.9	65-110			
Acenaphthylene	64.0	10.0	ug/L	100.0		64.0	45-120			
Anthracene	74.7	10.0	ug/L	100.0		74.7	50-120			
Benz(a)anthracene	86.5	0.260	ug/L	100.0		86.5	65-125			
Benzo(a)pyrene	68.2	0.200	ug/L	100.0		68.2	40-150			
Benzo(b)fluoranthene	90.1	0.170	ug/L	100.0		90.1	30-165			
Benzo(g,h,i)perylene	83.8	10.0	ug/L	100.0		83.8	40-175			
Benzo(k)fluoranthene	61.2	1.70	ug/L	100.0		61.2	35-125			
Chrysene	80.2	10.0	ug/L	100.0		80.2	60-125			
Dibenz(a,h)anthracene	73.8	0.200	ug/L	100.0		73.8	30-180			
Fluoranthene	75.9	10.0	ug/L	100.0		75.9	55-125			
Fluorene	75.5	10.0	ug/L	100.0		75.5	60-120			
Indeno(1,2,3-cd)pyrene	96.0	0.220	ug/L	100.0		96.0	40-180			
Naphthalene	64.2	10.0	ug/L	100.0		64.2	40-115			
Phenanthrene	68.7	10.0	ug/L	100.0		68.7	50-115			
Pyrene	68.2	10.0	ug/L	100.0		68.2	55-130			
Surrogate: Nitrobenzene-d5	20.4		ug/L	40.00		51.0	50-125			
Surrogate: 2-Fluorobiphenyl	24.1		ug/L	40.00		60.4	50-120			
Surrogate: Terphenyl-d14	29.6		ug/L	40.00		74.0	30-150			

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

Lab Order: 10H0615

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1033253 - PREP SVOC W

LCS Dup (1033253-BSD1)

Prepared: 08/13/10 Analyzed: 08/17/10

Acenaphthene	74.2	10.0	ug/L	100.0		74.2	65-110	0.392	15	
Acenaphthylene	63.7	10.0	ug/L	100.0		63.7	45-120	0.501	15	
Anthracene	73.6	10.0	ug/L	100.0		73.6	50-120	1.42	18	
Benz(a)anthracene	79.6	0.260	ug/L	100.0		79.6	65-125	8.21	20	
Benzo(a)pyrene	69.0	0.200	ug/L	100.0		69.0	40-150	1.12	20	
Benzo(b)fluoranthene	78.0	0.170	ug/L	100.0		78.0	30-165	14.4	30	
Benzo(g,h,i)perylene	89.3	10.0	ug/L	100.0		89.3	40-175	6.41	20	
Benzo(k)fluoranthene	59.3	1.70	ug/L	100.0		59.3	35-125	3.22	30	
Chrysene	74.7	10.0	ug/L	100.0		74.7	60-125	7.13	20	
Dibenz(a,h)anthracene	75.3	0.200	ug/L	100.0		75.3	30-180	1.98	20	
Fluoranthene	76.2	10.0	ug/L	100.0		76.2	55-125	0.289	15	
Fluorene	74.6	10.0	ug/L	100.0		74.6	60-120	1.16	15	
Indeno(1,2,3-cd)pyrene	98.4	0.220	ug/L	100.0		98.4	40-180	2.47	30	
Naphthalene	67.0	10.0	ug/L	100.0		67.0	40-115	4.42	14	
Phenanthrene	67.2	10.0	ug/L	100.0		67.2	50-115	2.18	18	
Pyrene	61.8	10.0	ug/L	100.0		61.8	55-130	9.97	20	
Surrogate: Nitrobenzene-d5	22.2		ug/L	40.00		55.6	50-125			
Surrogate: 2-Fluorobiphenyl	25.2		ug/L	40.00		63.0	50-120			
Surrogate: Terphenyl-d14	26.8		ug/L	40.00		67.0	30-150			

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

**Lab Order:** 10H0615

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**Notes and Definitions**

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

R RPD outside of accepted recovery limits.

L Laboratory control sample recovery outside of acceptance limits high, sample results are below detection limits. Sample data is still acceptable.

A-01 Surrogate recovery is high, but sample is BDL.

Sample preservation was met unless otherwise noted.