



Thursday, August 12, 2010

Ed Council

LJB Engineers & Architects
3100 Research Boulevard
Dayton, OH 45420-0246

TEL: 937-259-5000

FAX 937-259-5100

RE: Piqua-2

Work Order: 10G0768

Belmont Labs received 14 sample(s) on 7/15/2010 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
Level II

Certifications:

NELAP/NELAC - #04130

VAP - #CL0032

Ohio EPA Drinking water - #836

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: Piqua-2**Lab Order:** 10G0768

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Sampled Date	Received Date
10G0768-01A	7 (0-2)	7/12/2010 10:00:00AM	7/15/2010
10G0768-01B	7 (0-2)	7/12/2010 10:00:00AM	7/15/2010
10G0768-02A	7 (10-12)	7/12/2010 10:30:00AM	7/15/2010
10G0768-02B	7 (10-12)	7/12/2010 10:30:00AM	7/15/2010
10G0768-03A	2 (0-2)	7/12/2010 1:00:00PM	7/15/2010
10G0768-03B	2 (0-2)	7/12/2010 1:00:00PM	7/15/2010
10G0768-04A	2a (0-2)	7/12/2010 1:30:00PM	7/15/2010
10G0768-04B	2a (0-2)	7/12/2010 1:30:00PM	7/15/2010
10G0768-05A	2a (6-8)	7/12/2010 1:45:00PM	7/15/2010
10G0768-05B	2a (6-8)	7/12/2010 1:45:00PM	7/15/2010
10G0768-06A	1 (0-2)	7/13/2010 10:00:00AM	7/15/2010
10G0768-06B	1 (0-2)	7/13/2010 10:00:00AM	7/15/2010
10G0768-07A	1 (6-8)	7/13/2010 11:00:00AM	7/15/2010
10G0768-07B	1 (6-8)	7/13/2010 11:00:00AM	7/15/2010
10G0768-08A	9 (0-2)	7/13/2010 1:00:00PM	7/15/2010
10G0768-08B	9 (0-2)	7/13/2010 1:00:00PM	7/15/2010
10G0768-09A	9 (6-8)	7/13/2010 2:00:00PM	7/15/2010
10G0768-09B	9 (6-8)	7/13/2010 2:00:00PM	7/15/2010
10G0768-10A	10 (0-2)	7/14/2010 10:00:00AM	7/15/2010
10G0768-10B	10 (0-2)	7/14/2010 10:00:00AM	7/15/2010
10G0768-11A	10 (8-10)	7/14/2010 11:00:00AM	7/15/2010
10G0768-11B	10 (8-10)	7/14/2010 11:00:00AM	7/15/2010
10G0768-12A	11 (0-2)	7/14/2010 1:00:00PM	7/15/2010
10G0768-12B	11 (0-2)	7/14/2010 1:00:00PM	7/15/2010
10G0768-13A	11 (6-8)	7/14/2010 2:00:00PM	7/15/2010
10G0768-13B	11 (6-8)	7/14/2010 2:00:00PM	7/15/2010
10G0768-14A	Trip Blank	7/14/2010 12:00:00AM	7/15/2010
10G0768-14B	Trip Blank	7/14/2010 12:00:00AM	7/15/2010

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-01
 Client Sample ID: 7 (0-2)

Collection Date: 7/12/2010 10:00:00AM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34	SW 8015						Analyst: daG
C10 to C20	541	11.5		mg/kg dry	1	1031005	7/29/2010 3:16:00AM
C20 to C34	819	576		mg/kg dry	1	1031005	7/29/2010 3:16:00AM
<i>Surrogate: o-Terphenyl</i>		81.9 %		28-107		1031005	7/29/2010 3:16:00AM
TPH GRO C6-C12	SW 8015						Analyst: EH
Gasoline Range Organics, C6 - C12	BDL	5.76		mg/kg dry	0.9984	1030243	7/21/2010 11:19:00PM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98.0 %		60-155		1030243	7/21/2010 11:19:00PM
VOC 8260	SW 8260A						Analyst: kds
1,1,1,2-Tetrachloroethane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
1,1,1-Trichloroethane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
1,1,2,2-Tetrachloroethane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
1,1,2-Trichloroethane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
1,1-Dichloroethane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
1,1-Dichloroethene	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
1,1-Dichloropropene	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
1,2-Dibromoethane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
1,2-Dichloroethane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
1,2-Dichloropropane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
1,3-Dichloropropane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
2,2-Dichloropropane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
2-Butanone	BDL	0.0856		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
2-Chlorotoluene	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
2-Hexanone	BDL	0.0856		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
4-Chlorotoluene	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
4-Methyl-2-pentanone	BDL	0.0856		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Acetone	BDL	0.214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Acetonitrile	BDL	0.171		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Acrolein	BDL	0.0856		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Acrylonitrile	BDL	0.0856		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Allyl chloride	BDL	0.0428		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Benzene	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Bromobenzene	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Bromochloromethane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Bromodichloromethane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Bromoform	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Bromomethane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Carbon Disulfide	BDL	0.0856		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Carbon Tetrachloride	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Chlorobenzene	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Chloroethane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Chloroform	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Chloromethane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
cis-1,2-Dichloroethene	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-01
 Client Sample ID: 7 (0-2)

Collection Date: 7/12/2010 10:00:00AM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
cis-1,3-Dichloropropene	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Dibromochloromethane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Dibromomethane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Dichlorodifluoromethane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Ethylbenzene	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Iodomethane	BDL	0.0428		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Methylene Chloride	0.202	0.0214	O-01, B	mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Methyl tert-Butyl Ether	BDL	0.0428		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
m,p-Xylene	BDL	0.0428		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
n-Hexane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
o-Xylene	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Styrene	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Tetrachloroethene	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Toluene	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
trans-1,2-Dichloroethene	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
trans-1,3-Dichloropropene	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Trichloroethene	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Trichlorofluoromethane	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Vinyl Chloride	BDL	0.0214		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM
Vinyl acetate	BDL	0.0428		mg/kg dry	3.71	1031062	7/24/2010 9:28:00PM

Surrogate: 4-Bromofluorobenzene	78.9 %	41-140	1031062	7/24/2010 9:28:00PM
Surrogate: Dibromofluoromethane	81.1 %	33-129	1031062	7/24/2010 9:28:00PM
Surrogate: Toluene-d8	87.2 %	44-130	1031062	7/24/2010 9:28:00PM
Surrogate: 1,2-Dichloroethane-d4	86.2 %	31-123	1031062	7/24/2010 9:28:00PM

PMOIST **D 2216** **Analyst: AD**
 Percent Moisture **13.3** % by Weight 1 1031217 7/28/2010 2:00:00PM

PAH_FULL_8270	SW 8270C	Analyst: mbg
2-Methylnaphthalene	5.11	1.15 mg/kg dry 10 1030266 8/11/2010 11:32:00PM
Acenaphthene	0.824	0.115 mg/kg dry 1 1030266 8/11/2010 6:24:00AM
Acenaphthylene	BDL	0.115 mg/kg dry 1 1030266 8/11/2010 6:24:00AM
Anthracene	0.654	0.115 mg/kg dry 1 1030266 8/11/2010 6:24:00AM
Benz(a)anthracene	0.420	0.115 mg/kg dry 1 1030266 8/11/2010 6:24:00AM
Benzo(a)pyrene	BDL	0.115 mg/kg dry 1 1030266 8/11/2010 6:24:00AM
Benzo(b)fluoranthene	BDL	0.115 mg/kg dry 1 1030266 8/11/2010 6:24:00AM
Benzo(g,h,i)perylene	BDL	0.115 mg/kg dry 1 1030266 8/11/2010 6:24:00AM
Benzo(k)fluoranthene	BDL	0.115 mg/kg dry 1 1030266 8/11/2010 6:24:00AM
Chrysene	0.329	0.115 mg/kg dry 1 1030266 8/11/2010 6:24:00AM
Dibenz(a,h)anthracene	BDL	0.115 mg/kg dry 1 1030266 8/11/2010 6:24:00AM
Fluoranthene	0.601	0.115 mg/kg dry 1 1030266 8/11/2010 6:24:00AM
Fluorene	0.640	0.115 mg/kg dry 1 1030266 8/11/2010 6:24:00AM
Indeno(1,2,3-cd)pyrene	BDL	0.115 mg/kg dry 1 1030266 8/11/2010 6:24:00AM
Naphthalene	7.19	1.15 mg/kg dry B 10 1030266 8/11/2010 11:32:00PM

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-01
Client Sample ID: 7 (0-2)

Collection Date: 7/12/2010 10:00:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Phenanthrene	3.11	0.115		mg/kg dry	1	1030266	8/11/2010 6:24:00AM
Pyrene	1.45	0.115		mg/kg dry	1	1030266	8/11/2010 6:24:00AM
<i>Surrogate: Nitrobenzene-d5</i>		17.7 %	S-04	51-126		1030266	8/11/2010 6:24:00AM
<i>Surrogate: 2-Fluorobiphenyl</i>		110 %		56-121		1030266	8/11/2010 6:24:00AM
<i>Surrogate: Terphenyl-d14</i>		50.4 %		40-140		1030266	8/11/2010 6:24:00AM

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-02
Client Sample ID: 7 (10-12)

Collection Date: 7/12/2010 10:30:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34	SW 8015						Analyst: daG
C10 to C20	20.7	11.2		mg/kg dry	1	1031005	7/29/2010 3:44:00AM
C20 to C34	BDL	562		mg/kg dry	1	1031005	7/29/2010 3:44:00AM
<i>Surrogate: o-Terphenyl</i>		59.8 %		28-107		1031005	7/29/2010 3:44:00AM
TPH GRO C6-C12	SW 8015						Analyst: EH
Gasoline Range Organics, C6 - C12	BDL	5.58		mg/kg dry	0.97	1030243	7/21/2010 11:52:00PM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		105 %		60-155		1030243	7/21/2010 11:52:00PM
VOC 8260	SW 8260A						Analyst: kds
1,1,1,2-Tetrachloroethane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
1,1,1-Trichloroethane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
1,1,2,2-Tetrachloroethane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
1,1,2-Trichloroethane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
1,1-Dichloroethane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
1,1-Dichloroethene	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
1,1-Dichloropropene	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
1,2-Dibromoethane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
1,2-Dichloroethane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
1,2-Dichloropropane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
1,3-Dichloropropane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
2,2-Dichloropropane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
2-Butanone	BDL	0.0228		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
2-Chlorotoluene	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
2-Hexanone	BDL	0.0228		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
4-Chlorotoluene	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
4-Methyl-2-pentanone	BDL	0.0228		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Acetone	BDL	0.0569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Acetonitrile	BDL	0.0455		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Acrolein	BDL	0.0228		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Acrylonitrile	BDL	0.0228		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Allyl chloride	BDL	0.0114		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Benzene	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Bromobenzene	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Bromochloromethane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Bromodichloromethane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Bromoform	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Bromomethane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Carbon Disulfide	BDL	0.0228		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Carbon Tetrachloride	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Chlorobenzene	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Chloroethane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Chloroform	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Chloromethane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
cis-1,2-Dichloroethene	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-02
Client Sample ID: 7 (10-12)

Collection Date: 7/12/2010 10:30:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
cis-1,3-Dichloropropene	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Dibromochloromethane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Dibromomethane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Dichlorodifluoromethane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Ethylbenzene	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Iodomethane	BDL	0.0114		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Methylene Chloride	0.0607	0.00569	O-01, B	mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Methyl tert-Butyl Ether	BDL	0.0114		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
m,p-Xylene	BDL	0.0114		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
n-Hexane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
o-Xylene	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Styrene	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Tetrachloroethene	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Toluene	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
trans-1,2-Dichloroethene	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
trans-1,3-Dichloropropene	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Trichloroethene	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Trichlorofluoromethane	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Vinyl Chloride	BDL	0.00569		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM
Vinyl acetate	BDL	0.0114		mg/kg dry	0.99	1031062	7/24/2010 10:01:00PM

<i>Surrogate: 4-Bromofluorobenzene</i>	80.0 %	41-140	1031062	7/24/2010 10:01:00PM
<i>Surrogate: Dibromofluoromethane</i>	82.0 %	33-129	1031062	7/24/2010 10:01:00PM
<i>Surrogate: Toluene-d8</i>	87.3 %	44-130	1031062	7/24/2010 10:01:00PM
<i>Surrogate: 1,2-Dichloroethane-d4</i>	87.0 %	31-123	1031062	7/24/2010 10:01:00PM

PMOIST **D 2216** **Analyst: AD**
Percent Moisture **13.0** % by Weight 1 1031217 7/28/2010 2:00:00PM

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

2-Methylnaphthalene	0.380	0.115		mg/kg dry	1	1030266	7/30/2010 10:44:00PM
Acenaphthene	BDL	0.115		mg/kg dry	1	1030266	7/30/2010 10:44:00PM
Acenaphthylene	BDL	0.115		mg/kg dry	1	1030266	7/30/2010 10:44:00PM
Anthracene	BDL	0.115		mg/kg dry	1	1030266	7/30/2010 10:44:00PM
Benz(a)anthracene	BDL	0.115		mg/kg dry	1	1030266	7/30/2010 10:44:00PM
Benzo(a)pyrene	BDL	0.115		mg/kg dry	1	1030266	7/30/2010 10:44:00PM
Benzo(b)fluoranthene	BDL	0.115		mg/kg dry	1	1030266	7/30/2010 10:44:00PM
Benzo(g,h,i)perylene	BDL	0.115		mg/kg dry	1	1030266	7/30/2010 10:44:00PM
Benzo(k)fluoranthene	BDL	0.115		mg/kg dry	1	1030266	7/30/2010 10:44:00PM
Chrysene	BDL	0.115		mg/kg dry	1	1030266	7/30/2010 10:44:00PM
Dibenz(a,h)anthracene	BDL	0.115		mg/kg dry	1	1030266	7/30/2010 10:44:00PM
Fluoranthene	BDL	0.115		mg/kg dry	1	1030266	7/30/2010 10:44:00PM
Fluorene	BDL	0.115		mg/kg dry	1	1030266	7/30/2010 10:44:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.115		mg/kg dry	1	1030266	7/30/2010 10:44:00PM
Naphthalene	2.76	0.115	B	mg/kg dry	1	1030266	7/30/2010 10:44:00PM

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-02
Client Sample ID: 7 (10-12)

Collection Date: 7/12/2010 10:30:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Phenanthrene	0.119	0.115		mg/kg dry	1	1030266	7/30/2010 10:44:00PM
Pyrene	BDL	0.115		mg/kg dry	1	1030266	7/30/2010 10:44:00PM
<i>Surrogate: Nitrobenzene-d5</i>		68.6 %		<i>51-126</i>		<i>1030266</i>	<i>7/30/2010 10:44:00PM</i>
<i>Surrogate: 2-Fluorobiphenyl</i>		96.5 %		<i>56-121</i>		<i>1030266</i>	<i>7/30/2010 10:44:00PM</i>
<i>Surrogate: Terphenyl-d14</i>		43.2 %		<i>40-140</i>		<i>1030266</i>	<i>7/30/2010 10:44:00PM</i>

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-03
Client Sample ID: 2 (0-2)

Collection Date: 7/12/2010 1:00:00PM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34		SW 8015		Analyst: daG			
C10 to C20	71.0	10.7		mg/kg dry	1	1031005	7/29/2010 4:12:00AM
C20 to C34	BDL	534		mg/kg dry	1	1031005	7/29/2010 4:12:00AM
<i>Surrogate: o-Terphenyl</i>		47.8 %		28-107		1031005	7/29/2010 4:12:00AM
TPH GRO C6-C12		SW 8015		Analyst: EH			
Gasoline Range Organics, C6 - C12	BDL	5.29		mg/kg dry	0.99	1030244	7/22/2010 4:48:00AM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		105 %		60-155		1030244	7/22/2010 4:48:00AM
VOC 8260		SW 8260A		Analyst: kds			
1,1,1,2-Tetrachloroethane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
1,1,1-Trichloroethane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
1,1,2,2-Tetrachloroethane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
1,1,2-Trichloroethane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
1,1-Dichloroethane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
1,1-Dichloroethene	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
1,1-Dichloropropene	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
1,2-Dibromoethane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
1,2-Dichloroethane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
1,2-Dichloropropane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
1,3-Dichloropropane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
2,2-Dichloropropane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
2-Butanone	BDL	0.0231		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
2-Chlorotoluene	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
2-Hexanone	BDL	0.0231		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
4-Chlorotoluene	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
4-Methyl-2-pentanone	BDL	0.0231		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Acetone	BDL	0.0577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Acetonitrile	BDL	0.0462		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Acrolein	BDL	0.0231		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Acrylonitrile	BDL	0.0231		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Allyl chloride	BDL	0.0115		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Benzene	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Bromobenzene	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Bromochloromethane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Bromodichloromethane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Bromoform	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Bromomethane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Carbon Disulfide	BDL	0.0231		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Carbon Tetrachloride	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Chlorobenzene	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Chloroethane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Chloroform	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Chloromethane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
cis-1,2-Dichloroethene	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-03
 Client Sample ID: 2 (0-2)

Collection Date: 7/12/2010 1:00:00PM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
cis-1,3-Dichloropropene	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Dibromochloromethane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Dibromomethane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Dichlorodifluoromethane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Ethylbenzene	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Iodomethane	BDL	0.0115		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Methylene Chloride	0.0631	0.00577	O-01, B	mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Methyl tert-Butyl Ether	BDL	0.0115		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
m,p-Xylene	BDL	0.0115		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
n-Hexane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
o-Xylene	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Styrene	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Tetrachloroethene	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Toluene	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
trans-1,2-Dichloroethene	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
trans-1,3-Dichloropropene	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Trichloroethene	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Trichlorofluoromethane	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Vinyl Chloride	BDL	0.00577		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM
Vinyl acetate	BDL	0.0115		mg/kg dry	1.08	1031062	7/24/2010 10:34:00PM

Surrogate: 4-Bromofluorobenzene	80.3 %	41-140	1031062	7/24/2010 10:34:00PM
Surrogate: Dibromofluoromethane	82.3 %	33-129	1031062	7/24/2010 10:34:00PM
Surrogate: Toluene-d8	89.0 %	44-130	1031062	7/24/2010 10:34:00PM
Surrogate: 1,2-Dichloroethane-d4	87.1 %	31-123	1031062	7/24/2010 10:34:00PM

PMOIST **D 2216** **Analyst: AD**
 Percent Moisture **6.41** % by Weight 1 1031217 7/28/2010 2:00:00PM

PAH_FULL_8270	SW 8270C	Analyst: mbg
2-Methylnaphthalene	BDL 0.107	mg/kg dry 1 1030266 8/11/2010 5:07:00AM
Acenaphthene	BDL 0.107	mg/kg dry 1 1030266 8/11/2010 5:07:00AM
Acenaphthylene	0.204 0.107	mg/kg dry 1 1030266 8/11/2010 5:07:00AM
Anthracene	0.280 0.107	mg/kg dry 1 1030266 8/11/2010 5:07:00AM
Benz(a)anthracene	1.52 0.107	mg/kg dry 1 1030266 8/11/2010 5:07:00AM
Benzo(a)pyrene	1.35 0.107	mg/kg dry 1 1030266 8/11/2010 5:07:00AM
Benzo(b)fluoranthene	1.17 0.107	mg/kg dry 1 1030266 8/11/2010 5:07:00AM
Benzo(g,h,i)perylene	0.756 0.107	mg/kg dry 1 1030266 8/12/2010 4:00:00AM
Benzo(k)fluoranthene	0.909 0.107	mg/kg dry 1 1030266 8/11/2010 5:07:00AM
Chrysene	1.51 0.107	mg/kg dry 1 1030266 8/11/2010 5:07:00AM
Dibenz(a,h)anthracene	0.349 0.107	mg/kg dry 1 1030266 8/12/2010 4:00:00AM
Fluoranthene	2.50 0.107	mg/kg dry 1 1030266 8/11/2010 5:07:00AM
Fluorene	0.137 0.107	mg/kg dry 1 1030266 8/11/2010 5:07:00AM
Indeno(1,2,3-cd)pyrene	0.784 0.107	mg/kg dry 1 1030266 8/12/2010 4:00:00AM
Naphthalene	2.58 0.107	B mg/kg dry 1 1030266 8/11/2010 5:07:00AM

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-03
Client Sample ID: 2 (0-2)

Collection Date: 7/12/2010 1:00:00PM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Phenanthrene	1.58	0.107		mg/kg dry	1	1030266	8/11/2010 5:07:00AM
Pyrene	2.65	0.107		mg/kg dry	1	1030266	8/11/2010 5:07:00AM
<i>Surrogate: Nitrobenzene-d5</i>		76.8 %			51-126	1030266	8/11/2010 5:07:00AM
<i>Surrogate: 2-Fluorobiphenyl</i>		97.6 %			56-121	1030266	8/11/2010 5:07:00AM
<i>Surrogate: Terphenyl-d14</i>		46.0 %			40-140	1030266	8/11/2010 5:07:00AM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-04
 Client Sample ID: 2a (0-2)

Collection Date: 7/12/2010 1:30:00PM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34		SW 8015		Analyst: daG			
C10 to C20	69.8	10.6		mg/kg dry	1	1031005	7/29/2010 4:40:00AM
C20 to C34	BDL	532		mg/kg dry	1	1031005	7/29/2010 4:40:00AM
<i>Surrogate: o-Terphenyl</i>		55.5 %		28-107		1031005	7/29/2010 4:40:00AM
TPH GRO C6-C12		SW 8015		Analyst: EH			
Gasoline Range Organics, C6 - C12	BDL	5.31		mg/kg dry	0.9958	1030244	7/22/2010 5:21:00AM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		105 %		60-155		1030244	7/22/2010 5:21:00AM
VOC 8260		SW 8260A		Analyst: kds			
1,1,1,2-Tetrachloroethane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
1,1,1-Trichloroethane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
1,1,2,2-Tetrachloroethane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
1,1,2-Trichloroethane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
1,1-Dichloroethane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
1,1-Dichloroethene	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
1,1-Dichloropropene	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
1,2-Dibromoethane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
1,2-Dichloroethane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
1,2-Dichloropropane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
1,3-Dichloropropane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
2,2-Dichloropropane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
2-Butanone	BDL	0.0248		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
2-Chlorotoluene	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
2-Hexanone	BDL	0.0248		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
4-Chlorotoluene	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
4-Methyl-2-pentanone	BDL	0.0248		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Acetone	BDL	0.0619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Acetonitrile	BDL	0.0495		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Acrolein	BDL	0.0248		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Acrylonitrile	BDL	0.0248		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Allyl chloride	BDL	0.0124		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Benzene	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Bromobenzene	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Bromochloromethane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Bromodichloromethane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Bromoform	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Bromomethane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Carbon Disulfide	BDL	0.0248		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Carbon Tetrachloride	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Chlorobenzene	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Chloroethane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Chloroform	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Chloromethane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
cis-1,2-Dichloroethene	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-04
 Client Sample ID: 2a (0-2)

Collection Date: 7/12/2010 1:30:00PM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
cis-1,3-Dichloropropene	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Dibromochloromethane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Dibromomethane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Dichlorodifluoromethane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Ethylbenzene	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Iodomethane	BDL	0.0124		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Methylene Chloride	0.0623	0.00619	O-01, B	mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Methyl tert-Butyl Ether	BDL	0.0124		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
m,p-Xylene	BDL	0.0124		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
n-Hexane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
o-Xylene	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Styrene	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Tetrachloroethene	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Toluene	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
trans-1,2-Dichloroethene	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
trans-1,3-Dichloropropene	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Trichloroethene	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Trichlorofluoromethane	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Vinyl Chloride	BDL	0.00619		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM
Vinyl acetate	BDL	0.0124		mg/kg dry	1.16	1031062	7/24/2010 11:07:00PM

Surrogate: 4-Bromofluorobenzene	80.2 %	41-140	1031062	7/24/2010 11:07:00PM
Surrogate: Dibromofluoromethane	83.1 %	33-129	1031062	7/24/2010 11:07:00PM
Surrogate: Toluene-d8	88.8 %	44-130	1031062	7/24/2010 11:07:00PM
Surrogate: 1,2-Dichloroethane-d4	89.4 %	31-123	1031062	7/24/2010 11:07:00PM

PMOIST **D 2216** **Analyst: AD**
 Percent Moisture **6.30** % by Weight 1 1031217 7/28/2010 2:00:00PM

PAH_FULL_8270	SW 8270C	Analyst: mbg
2-Methylnaphthalene	BDL	0.106 mg/kg dry 1 1031006 8/11/2010 5:45:00AM
Acenaphthene	BDL	0.106 mg/kg dry 1 1031006 8/11/2010 5:45:00AM
Acenaphthylene	0.129	0.106 mg/kg dry 1 1031006 8/11/2010 5:45:00AM
Anthracene	0.329	0.106 mg/kg dry 1 1031006 8/11/2010 5:45:00AM
Benz(a)anthracene	1.48	0.106 mg/kg dry 1 1031006 8/11/2010 5:45:00AM
Benzo(a)pyrene	1.45	0.106 mg/kg dry 1 1031006 8/11/2010 5:45:00AM
Benzo(b)fluoranthene	1.33	0.106 mg/kg dry 1 1031006 8/11/2010 5:45:00AM
Benzo(g,h,i)perylene	0.684	0.106 mg/kg dry 1 1031006 8/12/2010 4:19:00AM
Benzo(k)fluoranthene	0.996	0.106 mg/kg dry 1 1031006 8/11/2010 5:45:00AM
Chrysene	1.63	0.106 mg/kg dry 1 1031006 8/11/2010 5:45:00AM
Dibenz(a,h)anthracene	0.354	0.106 mg/kg dry 1 1031006 8/12/2010 4:19:00AM
Fluoranthene	3.23	0.106 mg/kg dry 1 1031006 8/11/2010 5:45:00AM
Fluorene	0.165	0.106 mg/kg dry 1 1031006 8/11/2010 5:45:00AM
Indeno(1,2,3-cd)pyrene	0.706	0.106 mg/kg dry 1 1031006 8/12/2010 4:19:00AM
Naphthalene	1.93	0.106 mg/kg dry B 1 1031006 8/11/2010 5:45:00AM

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-04
Client Sample ID: 2a (0-2)

Collection Date: 7/12/2010 1:30:00PM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Phenanthrene	1.99	0.106		mg/kg dry	1	1031006	8/11/2010 5:45:00AM
Pyrene	2.55	0.106		mg/kg dry	1	1031006	8/11/2010 5:45:00AM
<i>Surrogate: Nitrobenzene-d5</i>		62.3 %			51-126	1031006	8/11/2010 5:45:00AM
<i>Surrogate: 2-Fluorobiphenyl</i>		71.2 %			56-121	1031006	8/11/2010 5:45:00AM
<i>Surrogate: Terphenyl-d14</i>		37.3 %	S-04		40-140	1031006	8/11/2010 5:45:00AM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-05
 Client Sample ID: 2a (6-8)

Collection Date: 7/12/2010 1:45:00PM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34	SW 8015						Analyst: daG
C10 to C20	84.1	11.3		mg/kg dry	1	1031005	7/29/2010 5:08:00AM
C20 to C34	BDL	563		mg/kg dry	1	1031005	7/29/2010 5:08:00AM
<i>Surrogate: o-Terphenyl</i>		67.4 %		28-107		1031005	7/29/2010 5:08:00AM
TPH GRO C6-C12	SW 8015						Analyst: EH
Gasoline Range Organics, C6 - C12	BDL	5.66		mg/kg dry	0.9982	1030244	7/22/2010 5:54:00AM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		104 %		60-155		1030244	7/22/2010 5:54:00AM
VOC 8260	SW 8260A						Analyst: kds
1,1,1,2-Tetrachloroethane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
1,1,1-Trichloroethane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
1,1,2,2-Tetrachloroethane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
1,1,2-Trichloroethane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
1,1-Dichloroethane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
1,1-Dichloroethene	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
1,1-Dichloropropene	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
1,2-Dibromoethane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
1,2-Dichloroethane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
1,2-Dichloropropane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
1,3-Dichloropropane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
2,2-Dichloropropane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
2-Butanone	BDL	0.0227		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
2-Chlorotoluene	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
2-Hexanone	BDL	0.0227		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
4-Chlorotoluene	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
4-Methyl-2-pentanone	BDL	0.0227		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Acetone	BDL	0.0567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Acetonitrile	BDL	0.0454		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Acrolein	BDL	0.0227		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Acrylonitrile	BDL	0.0227		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Allyl chloride	BDL	0.0113		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Benzene	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Bromobenzene	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Bromochloromethane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Bromodichloromethane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Bromoform	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Bromomethane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Carbon Disulfide	BDL	0.0227		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Carbon Tetrachloride	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Chlorobenzene	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Chloroethane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Chloroform	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Chloromethane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
cis-1,2-Dichloroethene	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-05
 Client Sample ID: 2a (6-8)

Collection Date: 7/12/2010 1:45:00PM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
cis-1,3-Dichloropropene	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Dibromochloromethane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Dibromomethane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Dichlorodifluoromethane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Ethylbenzene	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Iodomethane	BDL	0.0113		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Methylene Chloride	0.0532	0.00567	O-01, B	mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Methyl tert-Butyl Ether	BDL	0.0113		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
m,p-Xylene	BDL	0.0113		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
n-Hexane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
o-Xylene	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Styrene	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Tetrachloroethene	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Toluene	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
trans-1,2-Dichloroethene	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
trans-1,3-Dichloropropene	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Trichloroethene	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Trichlorofluoromethane	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Vinyl Chloride	BDL	0.00567		mg/kg dry	1	1031062	7/24/2010 11:40:00PM
Vinyl acetate	BDL	0.0113		mg/kg dry	1	1031062	7/24/2010 11:40:00PM

Surrogate: 4-Bromofluorobenzene	79.2 %	41-140	1031062	7/24/2010 11:40:00PM
Surrogate: Dibromofluoromethane	82.8 %	33-129	1031062	7/24/2010 11:40:00PM
Surrogate: Toluene-d8	89.1 %	44-130	1031062	7/24/2010 11:40:00PM
Surrogate: 1,2-Dichloroethane-d4	88.9 %	31-123	1031062	7/24/2010 11:40:00PM

PMOIST **D 2216** **Analyst: AD**
 Percent Moisture **11.8** % by Weight 1 1031217 7/28/2010 2:00:00PM

PAH_FULL_8270	SW 8270C	Analyst: mbg
2-Methylnaphthalene	BDL	0.112 mg/kg dry 1 1031006 7/30/2010 11:03:00PM
Acenaphthene	BDL	0.112 mg/kg dry 1 1031006 7/30/2010 11:03:00PM
Acenaphthylene	BDL	0.112 mg/kg dry 1 1031006 7/30/2010 11:03:00PM
Anthracene	BDL	0.112 mg/kg dry 1 1031006 7/30/2010 11:03:00PM
Benz(a)anthracene	BDL	0.112 mg/kg dry 1 1031006 7/30/2010 11:03:00PM
Benzo(a)pyrene	BDL	0.112 mg/kg dry 1 1031006 7/30/2010 11:03:00PM
Benzo(b)fluoranthene	BDL	0.112 mg/kg dry 1 1031006 7/30/2010 11:03:00PM
Benzo(g,h,i)perylene	BDL	0.112 mg/kg dry 1 1031006 7/30/2010 11:03:00PM
Benzo(k)fluoranthene	BDL	0.112 mg/kg dry 1 1031006 7/30/2010 11:03:00PM
Chrysene	BDL	0.112 mg/kg dry 1 1031006 7/30/2010 11:03:00PM
Dibenz(a,h)anthracene	BDL	0.112 mg/kg dry 1 1031006 7/30/2010 11:03:00PM
Fluoranthene	BDL	0.112 mg/kg dry 1 1031006 7/30/2010 11:03:00PM
Fluorene	BDL	0.112 mg/kg dry 1 1031006 7/30/2010 11:03:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.112 mg/kg dry 1 1031006 7/30/2010 11:03:00PM
Naphthalene	1.68	0.112 A-01b, B mg/kg dry 1 1031006 7/30/2010 11:03:00PM

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-05
Client Sample ID: 2a (6-8)

Collection Date: 7/12/2010 1:45:00PM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Phenanthrene	BDL	0.112		mg/kg dry	1	1031006	7/30/2010 11:03:00PM
Pyrene	BDL	0.112		mg/kg dry	1	1031006	7/30/2010 11:03:00PM
<i>Surrogate: Nitrobenzene-d5</i>		73.8 %		51-126		1031006	7/30/2010 11:03:00PM
<i>Surrogate: 2-Fluorobiphenyl</i>		98.5 %		56-121		1031006	7/30/2010 11:03:00PM
<i>Surrogate: Terphenyl-d14</i>		42.6 %		40-140		1031006	7/30/2010 11:03:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-06
 Client Sample ID: 1 (0-2)

Collection Date: 7/13/2010 10:00:00AM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34		SW 8015		Analyst: daG			
C10 to C20	79.1	11.1		mg/kg dry	1	1031005	7/29/2010 5:37:00AM
C20 to C34	BDL	557		mg/kg dry	1	1031005	7/29/2010 5:37:00AM
<i>Surrogate: o-Terphenyl</i>		71.0 %		28-107		1031005	7/29/2010 5:37:00AM
TPH GRO C6-C12		SW 8015		Analyst: EH			
Gasoline Range Organics, C6 - C12	BDL	5.49		mg/kg dry	0.98	1030244	7/22/2010 6:26:00AM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		107 %		60-155		1030244	7/22/2010 6:26:00AM
PCB_8082		SW 8082		Analyst: MBG			
Aroclor 1016	BDL	0.0222		mg/kg dry	1	1030268	7/23/2010 9:54:00PM
Aroclor 1221	BDL	0.0222		mg/kg dry	1	1030268	7/23/2010 9:54:00PM
Aroclor 1232	BDL	0.0222		mg/kg dry	1	1030268	7/23/2010 9:54:00PM
Aroclor 1242	BDL	0.0222		mg/kg dry	1	1030268	7/23/2010 9:54:00PM
Aroclor 1248	BDL	0.0222		mg/kg dry	1	1030268	7/23/2010 9:54:00PM
Aroclor 1254	BDL	0.0222		mg/kg dry	1	1030268	7/23/2010 9:54:00PM
Aroclor 1260	BDL	0.0222		mg/kg dry	1	1030268	7/23/2010 9:54:00PM
<i>Surrogate: Decachlorobiphenyl</i>		106 %		40-159		1030268	7/23/2010 9:54:00PM
<i>Surrogate: Tetrachloro-m-xylene</i>		82.0 %		47-125		1030268	7/23/2010 9:54:00PM
VOC 8260		SW 8260A		Analyst: kds			
1,1,1,2-Tetrachloroethane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
1,1,1-Trichloroethane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
1,1,2,2-Tetrachloroethane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
1,1,2-Trichloroethane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
1,1-Dichloroethane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
1,1-Dichloroethene	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
1,1-Dichloropropene	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
1,2-Dibromoethane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
1,2-Dichloroethane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
1,2-Dichloropropane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
1,3-Dichloropropane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
2,2-Dichloropropane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
2-Butanone	BDL	0.0320		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
2-Chlorotoluene	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
2-Hexanone	BDL	0.0320		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
4-Chlorotoluene	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
4-Methyl-2-pentanone	BDL	0.0320		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Acetone	BDL	0.0800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Acetonitrile	BDL	0.0640		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Acrolein	BDL	0.0320		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Acrylonitrile	BDL	0.0320		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Allyl chloride	BDL	0.0160		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Benzene	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-06
 Client Sample ID: 1 (0-2)

Collection Date: 7/13/2010 10:00:00AM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Bromobenzene	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Bromochloromethane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Bromodichloromethane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Bromoform	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Bromomethane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Carbon Disulfide	BDL	0.0320		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Carbon Tetrachloride	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Chlorobenzene	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Chloroethane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Chloroform	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Chloromethane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
cis-1,2-Dichloroethene	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
cis-1,3-Dichloropropene	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Dibromochloromethane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Dibromomethane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Dichlorodifluoromethane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Ethylbenzene	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Iodomethane	BDL	0.0160		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Methylene Chloride	0.0479	0.00800	O-01, B	mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Methyl tert-Butyl Ether	BDL	0.0160		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
m,p-Xylene	BDL	0.0160		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
n-Hexane	0.0307	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
o-Xylene	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Styrene	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Tetrachloroethene	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Toluene	0.0122	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
trans-1,2-Dichloroethene	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
trans-1,3-Dichloropropene	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Trichloroethene	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Trichlorofluoromethane	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Vinyl Chloride	BDL	0.00800		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM
Vinyl acetate	BDL	0.0160		mg/kg dry	1.43	1031251	7/26/2010 3:18:00PM

Surrogate: 4-Bromofluorobenzene	80.0 %	41-140	1031251	7/26/2010 3:18:00PM
Surrogate: Dibromofluoromethane	85.7 %	33-129	1031251	7/26/2010 3:18:00PM
Surrogate: Toluene-d8	90.2 %	44-130	1031251	7/26/2010 3:18:00PM
Surrogate: 1,2-Dichloroethane-d4	97.0 %	31-123	1031251	7/26/2010 3:18:00PM

PMOIST **D 2216** **Analyst: AD**
 Percent Moisture **10.7** % by Weight 1 1031217 7/28/2010 2:00:00PM

PAH_FULL_8270 **SW 8270C** **Analyst: mbg**
 2-Methylnaphthalene BDL 0.111 mg/kg dry 1 1031006 8/2/2010 12:46:00PM
 Acenaphthene BDL 0.111 mg/kg dry 1 1031006 8/2/2010 12:46:00PM
 Acenaphthylene BDL 0.111 mg/kg dry 1 1031006 8/2/2010 12:46:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-06
 Client Sample ID: 1 (0-2)

Collection Date: 7/13/2010 10:00:00AM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Anthracene	BDL	0.111		mg/kg dry	1	1031006	8/2/2010 12:46:00PM
Benz(a)anthracene	BDL	0.111		mg/kg dry	1	1031006	8/2/2010 12:46:00PM
Benzo(a)pyrene	BDL	0.111		mg/kg dry	1	1031006	8/2/2010 12:46:00PM
Benzo(b)fluoranthene	BDL	0.111		mg/kg dry	1	1031006	8/2/2010 12:46:00PM
Benzo(g,h,i)perylene	BDL	0.111		mg/kg dry	1	1031006	8/2/2010 12:46:00PM
Benzo(k)fluoranthene	BDL	0.111		mg/kg dry	1	1031006	8/2/2010 12:46:00PM
Chrysene	BDL	0.111		mg/kg dry	1	1031006	8/2/2010 12:46:00PM
Dibenz(a,h)anthracene	BDL	0.111		mg/kg dry	1	1031006	8/2/2010 12:46:00PM
Fluoranthene	BDL	0.111		mg/kg dry	1	1031006	8/2/2010 12:46:00PM
Fluorene	BDL	0.111		mg/kg dry	1	1031006	8/2/2010 12:46:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.111		mg/kg dry	1	1031006	8/2/2010 12:46:00PM
Naphthalene	1.56	0.111	B	mg/kg dry	1	1031006	8/2/2010 12:46:00PM
Phenanthrene	BDL	0.111		mg/kg dry	1	1031006	8/2/2010 12:46:00PM
Pyrene	BDL	0.111		mg/kg dry	1	1031006	8/2/2010 12:46:00PM
<i>Surrogate: Nitrobenzene-d5</i>		73.1 %		51-126		1031006	8/2/2010 12:46:00PM
<i>Surrogate: 2-Fluorobiphenyl</i>		96.2 %		56-121		1031006	8/2/2010 12:46:00PM
<i>Surrogate: Terphenyl-d14</i>		38.3 %	S-04	40-140		1031006	8/2/2010 12:46:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-07
 Client Sample ID: 1 (6-8)

Collection Date: 7/13/2010 11:00:00AM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34		SW 8015		Analyst: daG			
C10 to C20	85.0	11.0		mg/kg dry	1	1031005	7/29/2010 6:05:00AM
C20 to C34	BDL	551		mg/kg dry	1	1031005	7/29/2010 6:05:00AM
<i>Surrogate: o-Terphenyl</i>		74.0 %		28-107		1031005	7/29/2010 6:05:00AM
TPH GRO C6-C12		SW 8015		Analyst: EH			
Gasoline Range Organics, C6 - C12	BDL	5.50		mg/kg dry	0.995	1030244	7/22/2010 6:59:00AM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		107 %		60-155		1030244	7/22/2010 6:59:00AM
PCB_8082		SW 8082		Analyst: MBG			
Aroclor 1016	BDL	0.0219		mg/kg dry	1	1030268	7/23/2010 10:18:00PM
Aroclor 1221	BDL	0.0219		mg/kg dry	1	1030268	7/23/2010 10:18:00PM
Aroclor 1232	BDL	0.0219		mg/kg dry	1	1030268	7/23/2010 10:18:00PM
Aroclor 1242	BDL	0.0219		mg/kg dry	1	1030268	7/23/2010 10:18:00PM
Aroclor 1248	BDL	0.0219		mg/kg dry	1	1030268	7/23/2010 10:18:00PM
Aroclor 1254	BDL	0.0219		mg/kg dry	1	1030268	7/23/2010 10:18:00PM
Aroclor 1260	BDL	0.0219		mg/kg dry	1	1030268	7/23/2010 10:18:00PM
<i>Surrogate: Decachlorobiphenyl</i>		95.0 %		40-159		1030268	7/23/2010 10:18:00PM
<i>Surrogate: Tetrachloro-m-xylene</i>		71.0 %		47-125		1030268	7/23/2010 10:18:00PM
VOC 8260		SW 8260A		Analyst: kds			
1,1,1,2-Tetrachloroethane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
1,1,1-Trichloroethane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
1,1,2,2-Tetrachloroethane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
1,1,2-Trichloroethane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
1,1-Dichloroethane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
1,1-Dichloroethene	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
1,1-Dichloropropene	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
1,2-Dibromoethane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
1,2-Dichloroethane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
1,2-Dichloropropane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
1,3-Dichloropropane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
2,2-Dichloropropane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
2-Butanone	BDL	0.0257		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
2-Chlorotoluene	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
2-Hexanone	BDL	0.0257		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
4-Chlorotoluene	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
4-Methyl-2-pentanone	BDL	0.0257		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Acetone	BDL	0.0642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Acetonitrile	BDL	0.0513		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Acrolein	BDL	0.0257		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Acrylonitrile	BDL	0.0257		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Allyl chloride	BDL	0.0128		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Benzene	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-07
 Client Sample ID: 1 (6-8)

Collection Date: 7/13/2010 11:00:00AM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Bromobenzene	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Bromochloromethane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Bromodichloromethane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Bromoform	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Bromomethane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Carbon Disulfide	BDL	0.0257		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Carbon Tetrachloride	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Chlorobenzene	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Chloroethane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Chloroform	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Chloromethane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
cis-1,2-Dichloroethene	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
cis-1,3-Dichloropropene	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Dibromochloromethane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Dibromomethane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Dichlorodifluoromethane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Ethylbenzene	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Iodomethane	BDL	0.0128		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Methylene Chloride	0.0217	0.00642	O-01, B	mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Methyl tert-Butyl Ether	BDL	0.0128		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
m,p-Xylene	BDL	0.0128		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
n-Hexane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
o-Xylene	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Styrene	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Tetrachloroethene	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Toluene	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
trans-1,2-Dichloroethene	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
trans-1,3-Dichloropropene	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Trichloroethene	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Trichlorofluoromethane	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Vinyl Chloride	BDL	0.00642		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM
Vinyl acetate	BDL	0.0128		mg/kg dry	1.16	1031248	7/26/2010 11:03:00AM

Surrogate: 4-Bromofluorobenzene	76.9 %	41-140	1031248	7/26/2010 11:03:00AM
Surrogate: Dibromofluoromethane	84.0 %	33-129	1031248	7/26/2010 11:03:00AM
Surrogate: Toluene-d8	90.3 %	44-130	1031248	7/26/2010 11:03:00AM
Surrogate: 1,2-Dichloroethane-d4	91.2 %	31-123	1031248	7/26/2010 11:03:00AM

PMOIST **D 2216** **Analyst: AD**
 Percent Moisture **9.59** % by Weight 1 1031217 7/28/2010 2:00:00PM

PAH_FULL_8270 **SW 8270C** **Analyst: mbg**
 2-Methylnaphthalene BDL 0.110 mg/kg dry 1 1031006 7/31/2010 4:48:00AM
 Acenaphthene BDL 0.110 mg/kg dry 1 1031006 7/31/2010 4:48:00AM
 Acenaphthylene BDL 0.110 mg/kg dry 1 1031006 7/31/2010 4:48:00AM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-07
 Client Sample ID: 1 (6-8)

Collection Date: 7/13/2010 11:00:00AM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Anthracene	BDL	0.110		mg/kg dry	1	1031006	7/31/2010 4:48:00AM
Benz(a)anthracene	BDL	0.110		mg/kg dry	1	1031006	7/31/2010 4:48:00AM
Benzo(a)pyrene	BDL	0.110		mg/kg dry	1	1031006	7/31/2010 4:48:00AM
Benzo(b)fluoranthene	BDL	0.110		mg/kg dry	1	1031006	7/31/2010 4:48:00AM
Benzo(g,h,i)perylene	BDL	0.110		mg/kg dry	1	1031006	7/31/2010 4:48:00AM
Benzo(k)fluoranthene	BDL	0.110		mg/kg dry	1	1031006	7/31/2010 4:48:00AM
Chrysene	BDL	0.110		mg/kg dry	1	1031006	7/31/2010 4:48:00AM
Dibenz(a,h)anthracene	BDL	0.110		mg/kg dry	1	1031006	7/31/2010 4:48:00AM
Fluoranthene	BDL	0.110		mg/kg dry	1	1031006	7/31/2010 4:48:00AM
Fluorene	BDL	0.110		mg/kg dry	1	1031006	7/31/2010 4:48:00AM
Indeno(1,2,3-cd)pyrene	BDL	0.110		mg/kg dry	1	1031006	7/31/2010 4:48:00AM
Naphthalene	1.56	0.110	A-01b, B	mg/kg dry	1	1031006	7/31/2010 4:48:00AM
Phenanthrene	BDL	0.110		mg/kg dry	1	1031006	7/31/2010 4:48:00AM
Pyrene	BDL	0.110		mg/kg dry	1	1031006	7/31/2010 4:48:00AM
<i>Surrogate: Nitrobenzene-d5</i>		64.8 %			51-126	1031006	7/31/2010 4:48:00AM
<i>Surrogate: 2-Fluorobiphenyl</i>		99.5 %			56-121	1031006	7/31/2010 4:48:00AM
<i>Surrogate: Terphenyl-d14</i>		44.1 %			40-140	1031006	7/31/2010 4:48:00AM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-08
 Client Sample ID: 9 (0-2)

Collection Date: 7/13/2010 1:00:00PM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34	SW 8015						Analyst: daG
C10 to C20	1360	11.7		mg/kg dry	1	1031005	7/29/2010 6:33:00AM
C20 to C34	596	584		mg/kg dry	1	1031005	7/29/2010 6:33:00AM
<i>Surrogate: o-Terphenyl</i>		130 %	S-04	28-107		1031005	7/29/2010 6:33:00AM
TPH GRO C6-C12	SW 8015						Analyst: EH
Gasoline Range Organics, C6 - C12	BDL	9.73		mg/kg dry	1.65	1031019	7/22/2010 5:05:00PM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98.0 %		60-155		1031019	7/22/2010 5:05:00PM
ICP_Ag	SW 6010B						Analyst: RJE
Silver	BDL	1.31		mg/kg dry	1	1031147	7/28/2010 3:52:52PM
ICP_AI	SW 6010B						Analyst: RJE
Aluminum	682	13.1		mg/kg dry	1	1031147	7/28/2010 3:52:52PM
ICP_As	SW 6010B						Analyst: RJE
Arsenic	210	1.31		mg/kg dry	1	1031147	7/28/2010 3:52:52PM
ICP_Ba	SW 6010B						Analyst: RJE
Barium	30.8	1.31		mg/kg dry	1	1031147	7/28/2010 3:52:52PM
ICP_Be	SW 6010B						Analyst: RJE
Beryllium	BDL	0.655		mg/kg dry	1	1031147	7/28/2010 3:52:52PM
ICP_Cd	SW 6010B						Analyst: RJE
Cadmium	1.17	0.131		mg/kg dry	1	1031147	7/28/2010 3:52:52PM
ICP_Co	SW 6010B						Analyst: RJE
Cobalt	1.35	1.31		mg/kg dry	1	1031147	7/28/2010 3:52:52PM
ICP_Cr	SW 6010B						Analyst: RJE
Chromium	3.30	1.31		mg/kg dry	1	1031147	7/28/2010 3:52:52PM
ICP_Ni	SW 6010B						Analyst: RJE
Nickel	BDL	1.31		mg/kg dry	1	1031147	7/28/2010 3:52:52PM
ICP_Pb	SW 6010B						Analyst: RJE
Lead	8.06	1.31		mg/kg dry	1	1031147	7/28/2010 3:52:52PM
ICP_Sb	SW 6010B						Analyst: RJE
Antimony	2.79	1.31		mg/kg dry	1	1031147	7/28/2010 3:52:52PM
ICP_Se	SW 6010B						Analyst: RJE

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-08
 Client Sample ID: 9 (0-2)

Collection Date: 7/13/2010 1:00:00PM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Selenium	BDL	6.55		mg/kg dry	1	1031147	7/28/2010 3:52:52PM
ICP_TI		SW 6010B		Analyst: RJE			
Thallium	BDL	6.55		mg/kg dry	1	1031147	7/28/2010 3:52:52PM
ICP_V		SW 6010B		Analyst: RJE			
Vanadium	12.9	1.31		mg/kg dry	1	1031147	7/28/2010 3:52:52PM
ICP_Zn		SW 6010B		Analyst: RJE			
Zinc	9.19	6.55		mg/kg dry	1	1031147	7/28/2010 3:52:52PM
HG		SW 7471		Analyst: KC			
Mercury	BDL	0.106		mg/kg dry	1	1031167	7/29/2010 1:00:28PM
VOC 8260		SW 8260A		Analyst: kds			
1,1,1,2-Tetrachloroethane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
1,1,1-Trichloroethane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
1,1,2,2-Tetrachloroethane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
1,1,2-Trichloroethane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
1,1-Dichloroethane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
1,1-Dichloroethene	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
1,1-Dichloropropene	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
1,2-Dibromoethane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
1,2-Dichloroethane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
1,2-Dichloropropane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
1,3-Dichloropropane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
2,2-Dichloropropane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
2-Butanone	BDL	0.0356		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
2-Chlorotoluene	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
2-Hexanone	BDL	0.0356		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
4-Chlorotoluene	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
4-Methyl-2-pentanone	BDL	0.0356		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Acetone	BDL	0.0891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Acetonitrile	BDL	0.0713		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Acrolein	BDL	0.0356		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Acrylonitrile	BDL	0.0356		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Allyl chloride	BDL	0.0178		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Benzene	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Bromobenzene	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Bromochloromethane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Bromodichloromethane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Bromoform	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Bromomethane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Carbon Disulfide	BDL	0.0356		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Carbon Tetrachloride	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-08
 Client Sample ID: 9 (0-2)

Collection Date: 7/13/2010 1:00:00PM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Chlorobenzene	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Chloroethane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Chloroform	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Chloromethane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
cis-1,2-Dichloroethene	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
cis-1,3-Dichloropropene	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Dibromochloromethane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Dibromomethane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Dichlorodifluoromethane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Ethylbenzene	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Iodomethane	BDL	0.0178		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Methylene Chloride	0.0771	0.00891	O-01, B	mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Methyl tert-Butyl Ether	BDL	0.0178		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
m,p-Xylene	BDL	0.0178		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
n-Hexane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
o-Xylene	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Styrene	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Tetrachloroethene	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Toluene	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
trans-1,2-Dichloroethene	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
trans-1,3-Dichloropropene	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Trichloroethene	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Trichlorofluoromethane	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Vinyl Chloride	BDL	0.00891		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM
Vinyl acetate	BDL	0.0178		mg/kg dry	1.51	1031251	7/26/2010 4:55:00PM

Surrogate: 4-Bromofluorobenzene	72.9 %	41-140	1031251	7/26/2010 4:55:00PM
Surrogate: Dibromofluoromethane	85.8 %	33-129	1031251	7/26/2010 4:55:00PM
Surrogate: Toluene-d8	89.0 %	44-130	1031251	7/26/2010 4:55:00PM
Surrogate: 1,2-Dichloroethane-d4	91.4 %	31-123	1031251	7/26/2010 4:55:00PM

PMOIST **D 2216** **Analyst: AD**
 Percent Moisture **15.2** % by Weight 1 1031217 7/28/2010 2:00:00PM

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

Acenaphthene	BDL	0.116		mg/kg dry	1	1031075	7/30/2010 11:41:00PM
Acenaphthylene	BDL	0.116		mg/kg dry	1	1031075	7/30/2010 11:41:00PM
Anthracene	BDL	0.116		mg/kg dry	1	1031075	7/30/2010 11:41:00PM
Benz(a)anthracene	0.184	0.116		mg/kg dry	1	1031075	7/30/2010 11:41:00PM
Benzo(a)pyrene	BDL	0.116		mg/kg dry	1	1031075	7/30/2010 11:41:00PM
Benzo(b)fluoranthene	BDL	0.116		mg/kg dry	1	1031075	7/30/2010 11:41:00PM
Benzo(g,h,i)perylene	BDL	0.116		mg/kg dry	1	1031075	7/30/2010 11:41:00PM
Benzo(k)fluoranthene	BDL	0.116		mg/kg dry	1	1031075	7/30/2010 11:41:00PM
Chrysene	0.184	0.116		mg/kg dry	1	1031075	7/30/2010 11:41:00PM
Dibenz(a,h)anthracene	BDL	0.116		mg/kg dry	1	1031075	7/30/2010 11:41:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-08
 Client Sample ID: 9 (0-2)

Collection Date: 7/13/2010 1:00:00PM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Fluoranthene	0.247	0.116		mg/kg dry	1	1031075	7/30/2010 11:41:00PM
Fluorene	BDL	0.116		mg/kg dry	1	1031075	7/30/2010 11:41:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.116		mg/kg dry	1	1031075	7/30/2010 11:41:00PM
Phenanthrene	2.34	0.116		mg/kg dry	1	1031075	7/30/2010 11:41:00PM
Pyrene	0.282	0.116		mg/kg dry	1	1031075	7/30/2010 11:41:00PM
<i>Surrogate: Nitrobenzene-d5</i>		75.5 %			51-126	1031075	7/30/2010 11:41:00PM
<i>Surrogate: 2-Fluorobiphenyl</i>		107 %			56-121	1031075	7/30/2010 11:41:00PM
<i>Surrogate: Terphenyl-d14</i>		38.8 %	S-04		40-140	1031075	7/30/2010 11:41:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-09
 Client Sample ID: 9 (6-8)

Collection Date: 7/13/2010 2:00:00PM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34	SW 8015						Analyst: daG
C10 to C20	81.4	10.6		mg/kg dry	1	1031005	7/29/2010 7:01:00AM
C20 to C34	BDL	532		mg/kg dry	1	1031005	7/29/2010 7:01:00AM
<i>Surrogate: o-Terphenyl</i>		69.3 %		28-107		1031005	7/29/2010 7:01:00AM
TPH GRO C6-C12	SW 8015						Analyst: EH
Gasoline Range Organics, C6 - C12	BDL	5.20		mg/kg dry	0.97	1030244	7/22/2010 8:04:00AM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		104 %		60-155		1030244	7/22/2010 8:04:00AM
ICP_Ag	SW 6010B						Analyst: RJE
Silver	BDL	1.16		mg/kg dry	1	1031147	7/28/2010 4:00:23PM
ICP_AI	SW 6010B						Analyst: RJE
Aluminum	3110	11.6		mg/kg dry	1	1031147	7/28/2010 4:00:23PM
ICP_As	SW 6010B						Analyst: RJE
Arsenic	2.99	1.16		mg/kg dry	1	1031147	7/28/2010 4:00:23PM
ICP_Ba	SW 6010B						Analyst: RJE
Barium	17.7	1.16		mg/kg dry	1	1031147	7/28/2010 4:00:23PM
ICP_Be	SW 6010B						Analyst: RJE
Beryllium	BDL	0.582		mg/kg dry	1	1031147	7/28/2010 4:00:23PM
ICP_Cd	SW 6010B						Analyst: RJE
Cadmium	0.653	0.116		mg/kg dry	1	1031147	7/28/2010 4:00:23PM
ICP_Co	SW 6010B						Analyst: RJE
Cobalt	7.48	1.16		mg/kg dry	1	1031147	7/28/2010 4:00:23PM
ICP_Cr	SW 6010B						Analyst: RJE
Chromium	2.93	1.16		mg/kg dry	1	1031147	7/28/2010 4:00:23PM
ICP_Ni	SW 6010B						Analyst: RJE
Nickel	12.5	1.16		mg/kg dry	1	1031147	7/28/2010 4:00:23PM
ICP_Pb	SW 6010B						Analyst: RJE
Lead	3.76	1.16		mg/kg dry	1	1031147	7/28/2010 4:00:23PM
ICP_Sb	SW 6010B						Analyst: RJE
Antimony	BDL	1.16		mg/kg dry	1	1031147	7/28/2010 4:00:23PM
ICP_Se	SW 6010B						Analyst: RJE

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-09
Client Sample ID: 9 (6-8)

Collection Date: 7/13/2010 2:00:00PM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Selenium	BDL	5.82		mg/kg dry	1	1031147	7/28/2010 4:00:23PM
ICP_Tl		SW 6010B		Analyst: RJE			
Thallium	BDL	5.82		mg/kg dry	1	1031147	7/28/2010 4:00:23PM
ICP_V		SW 6010B		Analyst: RJE			
Vanadium	5.57	1.16		mg/kg dry	1	1031147	7/28/2010 4:00:23PM
ICP_Zn		SW 6010B		Analyst: RJE			
Zinc	57.4	5.82		mg/kg dry	1	1031147	7/28/2010 4:00:23PM
HG		SW 7471		Analyst: KC			
Mercury	BDL	0.0974		mg/kg dry	1	1031167	7/29/2010 1:00:28PM
VOC 8260		SW 8260A		Analyst: kds			
1,1,1,2-Tetrachloroethane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
1,1,1-Trichloroethane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
1,1,2,2-Tetrachloroethane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
1,1,2-Trichloroethane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
1,1-Dichloroethane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
1,1-Dichloroethene	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
1,1-Dichloropropene	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
1,2-Dibromoethane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
1,2-Dichloroethane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
1,2-Dichloropropane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
1,3-Dichloropropane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
2,2-Dichloropropane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
2-Butanone	BDL	0.0304		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
2-Chlorotoluene	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
2-Hexanone	BDL	0.0304		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
4-Chlorotoluene	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
4-Methyl-2-pentanone	BDL	0.0304		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Acetone	BDL	0.0761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Acetonitrile	BDL	0.0609		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Acrolein	BDL	0.0304		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Acrylonitrile	BDL	0.0304		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Allyl chloride	BDL	0.0152		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Benzene	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Bromobenzene	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Bromochloromethane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Bromodichloromethane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Bromoform	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Bromomethane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Carbon Disulfide	BDL	0.0304		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Carbon Tetrachloride	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-09
 Client Sample ID: 9 (6-8)

Collection Date: 7/13/2010 2:00:00PM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Chlorobenzene	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Chloroethane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Chloroform	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Chloromethane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
cis-1,2-Dichloroethene	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
cis-1,3-Dichloropropene	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Dibromochloromethane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Dibromomethane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Dichlorodifluoromethane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Ethylbenzene	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Iodomethane	BDL	0.0152		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Methylene Chloride	0.0665	0.00761	O-01, B	mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Methyl tert-Butyl Ether	BDL	0.0152		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
m,p-Xylene	BDL	0.0152		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
n-Hexane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
o-Xylene	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Styrene	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Tetrachloroethene	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Toluene	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
trans-1,2-Dichloroethene	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
trans-1,3-Dichloropropene	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Trichloroethene	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Trichlorofluoromethane	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Vinyl Chloride	BDL	0.00761		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM
Vinyl acetate	BDL	0.0152		mg/kg dry	1.42	1031251	7/26/2010 5:28:00PM

Surrogate: 4-Bromofluorobenzene	77.0 %	41-140	1031251	7/26/2010 5:28:00PM
Surrogate: Dibromofluoromethane	83.7 %	33-129	1031251	7/26/2010 5:28:00PM
Surrogate: Toluene-d8	89.7 %	44-130	1031251	7/26/2010 5:28:00PM
Surrogate: 1,2-Dichloroethane-d4	89.9 %	31-123	1031251	7/26/2010 5:28:00PM

PMOIST **D 2216** **Analyst: AD**
 Percent Moisture **6.66** % by Weight 1 1031217 7/28/2010 2:00:00PM

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

2-Methylnaphthalene	BDL	0.105		mg/kg dry	1	1031075	7/31/2010 6:53:00PM
Acenaphthene	BDL	0.105		mg/kg dry	1	1031075	7/31/2010 6:53:00PM
Acenaphthylene	BDL	0.105		mg/kg dry	1	1031075	7/31/2010 6:53:00PM
Anthracene	BDL	0.105		mg/kg dry	1	1031075	7/31/2010 6:53:00PM
Benz(a)anthracene	BDL	0.105		mg/kg dry	1	1031075	7/31/2010 6:53:00PM
Benzo(a)pyrene	BDL	0.105		mg/kg dry	1	1031075	7/31/2010 6:53:00PM
Benzo(b)fluoranthene	BDL	0.105		mg/kg dry	1	1031075	7/31/2010 6:53:00PM
Benzo(g,h,i)perylene	BDL	0.105		mg/kg dry	1	1031075	7/31/2010 6:53:00PM
Benzo(k)fluoranthene	BDL	0.105		mg/kg dry	1	1031075	7/31/2010 6:53:00PM
Chrysene	BDL	0.105		mg/kg dry	1	1031075	7/31/2010 6:53:00PM

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-09
Client Sample ID: 9 (6-8)

Collection Date: 7/13/2010 2:00:00PM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Dibenz(a,h)anthracene	BDL	0.105		mg/kg dry	1	1031075	7/31/2010 6:53:00PM
Fluoranthene	BDL	0.105		mg/kg dry	1	1031075	7/31/2010 6:53:00PM
Fluorene	BDL	0.105		mg/kg dry	1	1031075	7/31/2010 6:53:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.105		mg/kg dry	1	1031075	7/31/2010 6:53:00PM
Naphthalene	BDL	0.105		mg/kg dry	1	1031075	7/31/2010 6:53:00PM
Phenanthrene	BDL	0.105		mg/kg dry	1	1031075	7/31/2010 6:53:00PM
Pyrene	BDL	0.105		mg/kg dry	1	1031075	7/31/2010 6:53:00PM
<i>Surrogate: Nitrobenzene-d5</i>		<i>73.5 %</i>		<i>51-126</i>		<i>1031075</i>	<i>7/31/2010 6:53:00PM</i>
<i>Surrogate: 2-Fluorobiphenyl</i>		<i>113 %</i>		<i>56-121</i>		<i>1031075</i>	<i>7/31/2010 6:53:00PM</i>
<i>Surrogate: Terphenyl-d14</i>		<i>95.0 %</i>		<i>40-140</i>		<i>1031075</i>	<i>7/31/2010 6:53:00PM</i>

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-10
 Client Sample ID: 10 (0-2)

Collection Date: 7/14/2010 10:00:00AM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34	SW 8015						Analyst: daG
C10 to C20	1050	11.4		mg/kg dry	1	1031005	7/29/2010 7:57:00AM
C20 to C34	589	572		mg/kg dry	1	1031005	7/29/2010 7:57:00AM
<i>Surrogate: o-Terphenyl</i>		117 %	S-04	28-107		1031005	7/29/2010 7:57:00AM
TPH GRO C6-C12	SW 8015						Analyst: EH
Gasoline Range Organics, C6 - C12	BDL	5.64		mg/kg dry	0.98	1030244	7/22/2010 9:42:00AM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		97.0 %		60-155		1030244	7/22/2010 9:42:00AM
ICP_Ag	SW 6010B						Analyst: RJE
Silver	BDL	1.03		mg/kg dry	1	1031147	7/28/2010 4:04:16PM
ICP_AI	SW 6010B						Analyst: RJE
Aluminum	1640	10.3		mg/kg dry	1	1031147	7/28/2010 4:04:16PM
ICP_As	SW 6010B						Analyst: RJE
Arsenic	15.8	1.03		mg/kg dry	1	1031147	7/28/2010 4:04:16PM
ICP_Ba	SW 6010B						Analyst: RJE
Barium	67.6	1.03		mg/kg dry	1	1031147	7/28/2010 4:04:16PM
ICP_Be	SW 6010B						Analyst: RJE
Beryllium	BDL	0.514		mg/kg dry	1	1031147	7/28/2010 4:04:16PM
ICP_Cd	SW 6010B						Analyst: RJE
Cadmium	0.368	0.103		mg/kg dry	1	1031147	7/28/2010 4:04:16PM
ICP_Co	SW 6010B						Analyst: RJE
Cobalt	2.36	1.03		mg/kg dry	1	1031147	7/28/2010 4:04:16PM
ICP_Cr	SW 6010B						Analyst: RJE
Chromium	6.51	1.03		mg/kg dry	1	1031147	7/28/2010 4:04:16PM
ICP_Ni	SW 6010B						Analyst: RJE
Nickel	5.44	1.03		mg/kg dry	1	1031147	7/28/2010 4:04:16PM
ICP_Pb	SW 6010B						Analyst: RJE
Lead	10.4	1.03		mg/kg dry	1	1031147	7/28/2010 4:04:16PM
ICP_Sb	SW 6010B						Analyst: RJE
Antimony	BDL	1.03		mg/kg dry	1	1031147	7/28/2010 4:04:16PM
ICP_Se	SW 6010B						Analyst: RJE

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-10
Client Sample ID: 10 (0-2)

Collection Date: 7/14/2010 10:00:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Selenium	BDL	5.14		mg/kg dry	1	1031147	7/28/2010 4:04:16PM
ICP_Tl		SW 6010B		Analyst: RJE			
Thallium	BDL	5.14		mg/kg dry	1	1031147	7/28/2010 4:04:16PM
ICP_V		SW 6010B		Analyst: RJE			
Vanadium	10.2	1.03		mg/kg dry	1	1031147	7/28/2010 4:04:16PM
ICP_Zn		SW 6010B		Analyst: RJE			
Zinc	10.8	5.14		mg/kg dry	1	1031147	7/28/2010 4:04:16PM
HG		SW 7471		Analyst: KC			
Mercury	0.171	0.121		mg/kg dry	1	1031167	7/29/2010 1:00:28PM
VOC 8260		SW 8260A		Analyst: kds			
1,1,1,2-Tetrachloroethane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
1,1,1-Trichloroethane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
1,1,2,2-Tetrachloroethane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
1,1,2-Trichloroethane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
1,1-Dichloroethane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
1,1-Dichloroethene	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
1,1-Dichloropropene	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
1,2-Dibromoethane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
1,2-Dichloroethane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
1,2-Dichloropropane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
1,3-Dichloropropane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
2,2-Dichloropropane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
2-Butanone	BDL	0.0373		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
2-Chlorotoluene	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
2-Hexanone	BDL	0.0373		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
4-Chlorotoluene	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
4-Methyl-2-pentanone	BDL	0.0373		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Acetone	BDL	0.0932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Acetonitrile	BDL	0.0746		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Acrolein	BDL	0.0373		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Acrylonitrile	BDL	0.0373		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Allyl chloride	BDL	0.0186		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Benzene	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Bromobenzene	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Bromochloromethane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Bromodichloromethane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Bromoform	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Bromomethane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Carbon Disulfide	BDL	0.0373		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Carbon Tetrachloride	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-10
 Client Sample ID: 10 (0-2)

Collection Date: 7/14/2010 10:00:00AM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Chlorobenzene	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Chloroethane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Chloroform	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Chloromethane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
cis-1,2-Dichloroethene	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
cis-1,3-Dichloropropene	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Dibromochloromethane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Dibromomethane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Dichlorodifluoromethane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Ethylbenzene	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Iodomethane	BDL	0.0186		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Methylene Chloride	0.0758	0.00932	O-01, B	mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Methyl tert-Butyl Ether	BDL	0.0186		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
m,p-Xylene	BDL	0.0186		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
n-Hexane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
o-Xylene	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Styrene	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Tetrachloroethene	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Toluene	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
trans-1,2-Dichloroethene	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
trans-1,3-Dichloropropene	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Trichloroethene	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Trichlorofluoromethane	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Vinyl Chloride	BDL	0.00932		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM
Vinyl acetate	BDL	0.0186		mg/kg dry	1.62	1031251	7/26/2010 7:38:00PM

Surrogate: 4-Bromofluorobenzene	73.0 %	41-140	1031251	7/26/2010 7:38:00PM
Surrogate: Dibromofluoromethane	84.6 %	33-129	1031251	7/26/2010 7:38:00PM
Surrogate: Toluene-d8	88.5 %	44-130	1031251	7/26/2010 7:38:00PM
Surrogate: 1,2-Dichloroethane-d4	88.6 %	31-123	1031251	7/26/2010 7:38:00PM

PMOIST **D 2216** **Analyst: AD**
 Percent Moisture **13.1** % by Weight 1 1031217 7/28/2010 2:00:00PM

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

2-Methylnaphthalene	8.61	1.14	mg/kg dry	10	1031075	8/11/2010 11:13:00PM
Acenaphthene	0.121	0.114	mg/kg dry	1	1031075	8/11/2010 6:05:00AM
Acenaphthylene	BDL	0.114	mg/kg dry	1	1031075	8/11/2010 6:05:00AM
Anthracene	3.22	0.114	mg/kg dry	1	1031075	8/11/2010 6:05:00AM
Benz(a)anthracene	0.181	0.114	mg/kg dry	1	1031075	8/11/2010 6:05:00AM
Benzo(a)pyrene	0.147	0.114	mg/kg dry	1	1031075	8/11/2010 6:05:00AM
Benzo(b)fluoranthene	0.169	0.114	mg/kg dry	1	1031075	8/11/2010 6:05:00AM
Benzo(g,h,i)perylene	BDL	0.114	mg/kg dry	1	1031075	8/11/2010 6:05:00AM
Benzo(k)fluoranthene	0.192	0.114	mg/kg dry	1	1031075	8/11/2010 6:05:00AM
Chrysene	0.276	0.114	mg/kg dry	1	1031075	8/11/2010 6:05:00AM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-10
 Client Sample ID: 10 (0-2)

Collection Date: 7/14/2010 10:00:00AM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Dibenz(a,h)anthracene	BDL	0.114		mg/kg dry	1	1031075	8/11/2010 6:05:00AM
Fluoranthene	0.311	0.114		mg/kg dry	1	1031075	8/11/2010 6:05:00AM
Fluorene	0.213	0.114		mg/kg dry	1	1031075	8/11/2010 6:05:00AM
Indeno(1,2,3-cd)pyrene	BDL	0.114		mg/kg dry	1	1031075	8/11/2010 6:05:00AM
Naphthalene	6.38	1.14		mg/kg dry	10	1031075	8/11/2010 11:13:00PM
Phenanthrene	2.98	0.114		mg/kg dry	1	1031075	8/11/2010 6:05:00AM
Pyrene	0.425	0.114		mg/kg dry	1	1031075	8/11/2010 6:05:00AM
<i>Surrogate: Nitrobenzene-d5</i>		4.38 %	S-04	51-126		1031075	8/11/2010 6:05:00AM
<i>Surrogate: 2-Fluorobiphenyl</i>		109 %		56-121		1031075	8/11/2010 6:05:00AM
<i>Surrogate: Terphenyl-d14</i>		32.8 %	S-04	40-140		1031075	8/11/2010 6:05:00AM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-11
 Client Sample ID: 10 (8-10)

Collection Date: 7/14/2010 11:00:00AM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34	SW 8015						Analyst: daG
C10 to C20	BDL	11.3		mg/kg dry	1	1031068	7/30/2010 5:57:00PM
C20 to C34	BDL	564		mg/kg dry	1	1031068	7/30/2010 5:57:00PM
<i>Surrogate: o-Terphenyl</i>		60.6 %		28-107		1031068	7/30/2010 5:57:00PM
TPH GRO C6-C12	SW 8015						Analyst: EH
Gasoline Range Organics, C6 - C12	BDL	5.55		mg/kg dry	0.98	1030244	7/22/2010 10:15:00AM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		97.0 %		60-155		1030244	7/22/2010 10:15:00AM
ICP_Ag	SW 6010B						Analyst: RJE
Silver	BDL	0.959		mg/kg dry	1	1031147	7/28/2010 4:08:01PM
ICP_AI	SW 6010B						Analyst: RJE
Aluminum	512	9.59		mg/kg dry	1	1031147	7/28/2010 4:08:01PM
ICP_As	SW 6010B						Analyst: RJE
Arsenic	BDL	0.959		mg/kg dry	1	1031147	7/28/2010 4:08:01PM
ICP_Ba	SW 6010B						Analyst: RJE
Barium	2.67	0.959		mg/kg dry	1	1031147	7/28/2010 4:08:01PM
ICP_Be	SW 6010B						Analyst: RJE
Beryllium	BDL	0.480		mg/kg dry	1	1031147	7/28/2010 4:08:01PM
ICP_Cd	SW 6010B						Analyst: RJE
Cadmium	0.215	0.0959		mg/kg dry	1	1031147	7/28/2010 4:08:01PM
ICP_Co	SW 6010B						Analyst: RJE
Cobalt	BDL	0.959		mg/kg dry	1	1031147	7/28/2010 4:08:01PM
ICP_Cr	SW 6010B						Analyst: RJE
Chromium	BDL	0.959		mg/kg dry	1	1031147	7/28/2010 4:08:01PM
ICP_Ni	SW 6010B						Analyst: RJE
Nickel	2.08	0.959		mg/kg dry	1	1031147	7/28/2010 4:08:01PM
ICP_Pb	SW 6010B						Analyst: RJE
Lead	BDL	0.959		mg/kg dry	1	1031147	7/28/2010 4:08:01PM
ICP_Sb	SW 6010B						Analyst: RJE
Antimony	BDL	0.959		mg/kg dry	1	1031147	7/28/2010 4:08:01PM
ICP_Se	SW 6010B						Analyst: RJE

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-11
Client Sample ID: 10 (8-10)

Collection Date: 7/14/2010 11:00:00AM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Selenium	BDL	4.80		mg/kg dry	1	1031147	7/28/2010 4:08:01PM
ICP_Tl		SW 6010B		Analyst: RJE			
Thallium	BDL	4.80		mg/kg dry	1	1031147	7/28/2010 4:08:01PM
ICP_V		SW 6010B		Analyst: RJE			
Vanadium	3.51	0.959		mg/kg dry	1	1031147	7/28/2010 4:08:01PM
ICP_Zn		SW 6010B		Analyst: RJE			
Zinc	7.18	4.80		mg/kg dry	1	1031147	7/28/2010 4:08:01PM
HG		SW 7471		Analyst: KC			
Mercury	BDL	0.111		mg/kg dry	1	1031167	7/29/2010 1:00:28PM
VOC 8260		SW 8260A		Analyst: kds			
1,1,1,2-Tetrachloroethane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
1,1,1-Trichloroethane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
1,1,2,2-Tetrachloroethane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
1,1,2-Trichloroethane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
1,1-Dichloroethane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
1,1-Dichloroethene	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
1,1-Dichloropropene	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
1,2-Dibromoethane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
1,2-Dichloroethane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
1,2-Dichloropropane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
1,3-Dichloropropane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
2,2-Dichloropropane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
2-Butanone	BDL	0.0367		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
2-Chlorotoluene	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
2-Hexanone	BDL	0.0367		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
4-Chlorotoluene	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
4-Methyl-2-pentanone	BDL	0.0367		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Acetone	BDL	0.0917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Acetonitrile	BDL	0.0734		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Acrolein	BDL	0.0367		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Acrylonitrile	BDL	0.0367		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Allyl chloride	BDL	0.0183		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Benzene	0.0127	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Bromobenzene	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Bromochloromethane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Bromodichloromethane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Bromoform	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Bromomethane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Carbon Disulfide	BDL	0.0367		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Carbon Tetrachloride	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-11
 Client Sample ID: 10 (8-10)

Collection Date: 7/14/2010 11:00:00AM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Chlorobenzene	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Chloroethane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Chloroform	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Chloromethane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
cis-1,2-Dichloroethene	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
cis-1,3-Dichloropropene	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Dibromochloromethane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Dibromomethane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Dichlorodifluoromethane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Ethylbenzene	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Iodomethane	BDL	0.0183		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Methylene Chloride	0.118	0.00917	O-01, B	mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Methyl tert-Butyl Ether	BDL	0.0183		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
m,p-Xylene	BDL	0.0183		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
n-Hexane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
o-Xylene	0.00941	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Styrene	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Tetrachloroethene	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Toluene	0.0253	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
trans-1,2-Dichloroethene	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
trans-1,3-Dichloropropene	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Trichloroethene	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Trichlorofluoromethane	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Vinyl Chloride	BDL	0.00917		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM
Vinyl acetate	BDL	0.0183		mg/kg dry	1.62	1031251	7/26/2010 11:25:00PM

Surrogate: 4-Bromofluorobenzene	67.9 %	41-140	1031251	7/26/2010 11:25:00PM
Surrogate: Dibromofluoromethane	83.1 %	33-129	1031251	7/26/2010 11:25:00PM
Surrogate: Toluene-d8	85.4 %	44-130	1031251	7/26/2010 11:25:00PM
Surrogate: 1,2-Dichloroethane-d4	87.2 %	31-123	1031251	7/26/2010 11:25:00PM

PMOIST **D 2216** **Analyst: AD**
 Percent Moisture **11.7** % by Weight 1 1031217 7/28/2010 2:00:00PM

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

2-Methylnaphthalene	BDL	0.111		mg/kg dry	1	1031075	7/31/2010 4:45:00PM
Acenaphthene	BDL	0.111		mg/kg dry	1	1031075	7/31/2010 4:45:00PM
Acenaphthylene	BDL	0.111		mg/kg dry	1	1031075	7/31/2010 4:45:00PM
Anthracene	BDL	0.111		mg/kg dry	1	1031075	7/31/2010 4:45:00PM
Benz(a)anthracene	BDL	0.111		mg/kg dry	1	1031075	7/31/2010 4:45:00PM
Benzo(a)pyrene	BDL	0.111		mg/kg dry	1	1031075	7/31/2010 4:45:00PM
Benzo(b)fluoranthene	BDL	0.111		mg/kg dry	1	1031075	7/31/2010 4:45:00PM
Benzo(g,h,i)perylene	BDL	0.111		mg/kg dry	1	1031075	7/31/2010 4:45:00PM
Benzo(k)fluoranthene	BDL	0.111		mg/kg dry	1	1031075	7/31/2010 4:45:00PM
Chrysene	BDL	0.111		mg/kg dry	1	1031075	7/31/2010 4:45:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-11
 Client Sample ID: 10 (8-10)

Collection Date: 7/14/2010 11:00:00AM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Dibenz(a,h)anthracene	BDL	0.111		mg/kg dry	1	1031075	7/31/2010 4:45:00PM
Fluoranthene	BDL	0.111		mg/kg dry	1	1031075	7/31/2010 4:45:00PM
Fluorene	BDL	0.111		mg/kg dry	1	1031075	7/31/2010 4:45:00PM
Indeno(1,2,3-cd)pyrene	BDL	0.111		mg/kg dry	1	1031075	7/31/2010 4:45:00PM
Naphthalene	BDL	0.111		mg/kg dry	1	1031075	7/31/2010 4:45:00PM
Phenanthrene	BDL	0.111		mg/kg dry	1	1031075	7/31/2010 4:45:00PM
Pyrene	BDL	0.111		mg/kg dry	1	1031075	7/31/2010 4:45:00PM
<i>Surrogate: Nitrobenzene-d5</i>		76.7 %		51-126		1031075	7/31/2010 4:45:00PM
<i>Surrogate: 2-Fluorobiphenyl</i>		111 %		56-121		1031075	7/31/2010 4:45:00PM
<i>Surrogate: Terphenyl-d14</i>		88.3 %		40-140		1031075	7/31/2010 4:45:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-12
 Client Sample ID: 11 (0-2)

Collection Date: 7/14/2010 1:00:00PM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34	SW 8015						Analyst: daG
C10 to C20	1470	11.9		mg/kg dry	1	1031068	7/30/2010 6:25:00PM
C20 to C34	2080	597		mg/kg dry	1	1031068	7/30/2010 6:25:00PM
<i>Surrogate: o-Terphenyl</i>		129 %	S-04	28-107		1031068	7/30/2010 6:25:00PM
TPH GRO C6-C12	SW 8015						Analyst: EH
Gasoline Range Organics, C6 - C12	BDL	5.80		mg/kg dry	0.97	1030244	7/22/2010 10:48:00AM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		103 %		60-155		1030244	7/22/2010 10:48:00AM
ICP_Ag	SW 6010B						Analyst: RJE
Silver	BDL	1.20		mg/kg dry	1	1031147	7/28/2010 4:12:00PM
ICP_AI	SW 6010B						Analyst: RJE
Aluminum	1150	12.0		mg/kg dry	1	1031147	7/28/2010 4:12:00PM
ICP_As	SW 6010B						Analyst: RJE
Arsenic	77.0	1.20		mg/kg dry	1	1031147	7/28/2010 4:12:00PM
ICP_Ba	SW 6010B						Analyst: RJE
Barium	44.0	1.20		mg/kg dry	1	1031147	7/28/2010 4:12:00PM
ICP_Be	SW 6010B						Analyst: RJE
Beryllium	BDL	0.598		mg/kg dry	1	1031147	7/28/2010 4:12:00PM
ICP_Cd	SW 6010B						Analyst: RJE
Cadmium	1.57	0.120		mg/kg dry	1	1031147	7/28/2010 4:12:00PM
ICP_Co	SW 6010B						Analyst: RJE
Cobalt	4.39	1.20		mg/kg dry	1	1031147	7/28/2010 4:12:00PM
ICP_Cr	SW 6010B						Analyst: RJE
Chromium	6.37	1.20		mg/kg dry	1	1031147	7/28/2010 4:12:00PM
ICP_Ni	SW 6010B						Analyst: RJE
Nickel	8.15	1.20		mg/kg dry	1	1031147	7/28/2010 4:12:00PM
ICP_Pb	SW 6010B						Analyst: RJE
Lead	6.08	1.20		mg/kg dry	1	1031147	7/28/2010 4:12:00PM
ICP_Sb	SW 6010B						Analyst: RJE
Antimony	3.60	1.20		mg/kg dry	1	1031147	7/28/2010 4:12:00PM
ICP_Se	SW 6010B						Analyst: RJE

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-12
Client Sample ID: 11 (0-2)

Collection Date: 7/14/2010 1:00:00PM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Selenium	BDL	5.98		mg/kg dry	1	1031147	7/28/2010 4:12:00PM
ICP_Tl		SW 6010B		Analyst: RJE			
Thallium	BDL	5.98		mg/kg dry	1	1031147	7/28/2010 4:12:00PM
ICP_V		SW 6010B		Analyst: RJE			
Vanadium	28.2	1.20		mg/kg dry	1	1031147	7/28/2010 4:12:00PM
ICP_Zn		SW 6010B		Analyst: RJE			
Zinc	11.1	5.98		mg/kg dry	1	1031147	7/28/2010 4:12:00PM
HG		SW 7471		Analyst: KC			
Mercury	BDL	0.128		mg/kg dry	1	1031167	7/29/2010 1:00:28PM
VOC 8260		SW 8260A		Analyst: kds			
1,1,1,2-Tetrachloroethane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
1,1,1-Trichloroethane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
1,1,2,2-Tetrachloroethane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
1,1,2-Trichloroethane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
1,1-Dichloroethane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
1,1-Dichloroethene	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
1,1-Dichloropropene	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
1,2-Dibromoethane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
1,2-Dichloroethane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
1,2-Dichloropropane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
1,3-Dichloropropane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
2,2-Dichloropropane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
2-Butanone	BDL	0.0388		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
2-Chlorotoluene	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
2-Hexanone	BDL	0.0388		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
4-Chlorotoluene	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
4-Methyl-2-pentanone	BDL	0.0388		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Acetone	BDL	0.0969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Acetonitrile	BDL	0.0776		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Acrolein	BDL	0.0388		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Acrylonitrile	BDL	0.0388		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Allyl chloride	BDL	0.0194		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Benzene	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Bromobenzene	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Bromochloromethane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Bromodichloromethane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Bromoform	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Bromomethane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Carbon Disulfide	BDL	0.0388		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Carbon Tetrachloride	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-12
 Client Sample ID: 11 (0-2)

Collection Date: 7/14/2010 1:00:00PM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Chlorobenzene	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Chloroethane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Chloroform	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Chloromethane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
cis-1,2-Dichloroethene	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
cis-1,3-Dichloropropene	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Dibromochloromethane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Dibromomethane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Dichlorodifluoromethane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Ethylbenzene	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Iodomethane	BDL	0.0194		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Methylene Chloride	0.0750	0.00969	B	mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Methyl tert-Butyl Ether	BDL	0.0194		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
m,p-Xylene	BDL	0.0194		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
n-Hexane	BDL	0.00969	A-01	mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
o-Xylene	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Styrene	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Tetrachloroethene	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Toluene	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
trans-1,2-Dichloroethene	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
trans-1,3-Dichloropropene	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Trichloroethene	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Trichlorofluoromethane	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Vinyl Chloride	BDL	0.00969		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM
Vinyl acetate	BDL	0.0194		mg/kg dry	1.62	1032039	7/27/2010 3:25:00PM

Surrogate: 4-Bromofluorobenzene	77.5 %	41-140	1032039	7/27/2010 3:25:00PM
Surrogate: Dibromofluoromethane	84.1 %	33-129	1032039	7/27/2010 3:25:00PM
Surrogate: Toluene-d8	89.9 %	44-130	1032039	7/27/2010 3:25:00PM
Surrogate: 1,2-Dichloroethane-d4	89.3 %	31-123	1032039	7/27/2010 3:25:00PM

PMOIST **D 2216** **Analyst: AD**
 Percent Moisture **16.4** % by Weight 1 1031217 7/28/2010 2:00:00PM

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

2-Methylnaphthalene	2.00	0.118		mg/kg dry	1	1031096	8/11/2010 5:26:00AM
Acenaphthene	BDL	0.118		mg/kg dry	1	1031096	8/11/2010 5:26:00AM
Acenaphthylene	BDL	0.118		mg/kg dry	1	1031096	8/11/2010 5:26:00AM
Anthracene	1.86	0.118		mg/kg dry	1	1031096	8/11/2010 5:26:00AM
Benz(a)anthracene	BDL	0.118		mg/kg dry	1	1031096	8/11/2010 5:26:00AM
Benzo(a)pyrene	BDL	0.118		mg/kg dry	1	1031096	8/11/2010 5:26:00AM
Benzo(b)fluoranthene	BDL	0.118		mg/kg dry	1	1031096	8/11/2010 5:26:00AM
Benzo(g,h,i)perylene	BDL	0.118		mg/kg dry	1	1031096	8/11/2010 5:26:00AM
Benzo(k)fluoranthene	BDL	0.118		mg/kg dry	1	1031096	8/11/2010 5:26:00AM
Chrysene	BDL	0.118		mg/kg dry	1	1031096	8/11/2010 5:26:00AM

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-12
Client Sample ID: 11 (0-2)

Collection Date: 7/14/2010 1:00:00PM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Dibenz(a,h)anthracene	BDL	0.118		mg/kg dry	1	1031096	8/11/2010 5:26:00AM
Fluoranthene	0.178	0.118		mg/kg dry	1	1031096	8/11/2010 5:26:00AM
Fluorene	BDL	0.118		mg/kg dry	1	1031096	8/11/2010 5:26:00AM
Indeno(1,2,3-cd)pyrene	BDL	0.118		mg/kg dry	1	1031096	8/11/2010 5:26:00AM
Naphthalene	1.45	0.118		mg/kg dry	1	1031096	8/11/2010 5:26:00AM
Phenanthrene	1.73	0.118		mg/kg dry	1	1031096	8/11/2010 5:26:00AM
Pyrene	0.120	0.118		mg/kg dry	1	1031096	8/11/2010 5:26:00AM
<i>Surrogate: Nitrobenzene-d5</i>		83.2 %		<i>51-126</i>		<i>1031096</i>	8/11/2010 5:26:00AM
<i>Surrogate: 2-Fluorobiphenyl</i>		138 %		<i>56-121</i>		<i>1031096</i>	8/11/2010 5:26:00AM
<i>Surrogate: Terphenyl-d14</i>		33.5 %		<i>40-140</i>		<i>1031096</i>	8/11/2010 5:26:00AM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-13
 Client Sample ID: 11 (6-8)

Collection Date: 7/14/2010 2:00:00PM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
TPH C10-34	SW 8015						Analyst: daG
C10 to C20	BDL	12.5		mg/kg dry	1	1031068	7/30/2010 6:53:00PM
C20 to C34	BDL	624		mg/kg dry	1	1031068	7/30/2010 6:53:00PM
<i>Surrogate: o-Terphenyl</i>		59.7 %		28-107		1031068	7/30/2010 6:53:00PM
TPH GRO C6-C12	SW 8015						Analyst: EH
Gasoline Range Organics, C6 - C12	BDL	6.22		mg/kg dry	0.99	1030244	7/22/2010 11:21:00AM
<i>Surrogate: a,a,a-Trifluorotoluene</i>		102 %		60-155		1030244	7/22/2010 11:21:00AM
ICP_Ag	SW 6010B						Analyst: RJE
Silver	BDL	1.14		mg/kg dry	1	1031147	7/28/2010 4:24:08PM
ICP_AI	SW 6010B						Analyst: RJE
Aluminum	9820	11.4		mg/kg dry	1	1031147	7/28/2010 4:24:08PM
ICP_As	SW 6010B						Analyst: RJE
Arsenic	11.0	1.14		mg/kg dry	1	1031147	7/28/2010 4:24:08PM
ICP_Ba	SW 6010B						Analyst: RJE
Barium	120	1.14		mg/kg dry	1	1031147	7/28/2010 4:24:08PM
ICP_Be	SW 6010B						Analyst: RJE
Beryllium	0.596	0.571		mg/kg dry	1	1031147	7/28/2010 4:24:08PM
ICP_Cd	SW 6010B						Analyst: RJE
Cadmium	1.22	0.114		mg/kg dry	1	1031147	7/28/2010 4:24:08PM
ICP_Co	SW 6010B						Analyst: RJE
Cobalt	14.2	1.14		mg/kg dry	1	1031147	7/28/2010 4:24:08PM
ICP_Cr	SW 6010B						Analyst: RJE
Chromium	12.2	1.14		mg/kg dry	1	1031147	7/28/2010 4:24:08PM
ICP_Ni	SW 6010B						Analyst: RJE
Nickel	32.6	1.14		mg/kg dry	1	1031147	7/28/2010 4:24:08PM
ICP_Pb	SW 6010B						Analyst: RJE
Lead	16.8	1.14		mg/kg dry	1	1031147	7/28/2010 4:24:08PM
ICP_Sb	SW 6010B						Analyst: RJE
Antimony	BDL	1.14		mg/kg dry	1	1031147	7/28/2010 4:24:08PM
ICP_Se	SW 6010B						Analyst: RJE

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-13
Client Sample ID: 11 (6-8)

Collection Date: 7/14/2010 2:00:00PM
Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Selenium	BDL	5.71		mg/kg dry	1	1031147	7/28/2010 4:24:08PM
ICP_TI		SW 6010B		Analyst: RJE			
Thallium	BDL	5.71		mg/kg dry	1	1031147	7/28/2010 4:24:08PM
ICP_V		SW 6010B		Analyst: RJE			
Vanadium	29.5	1.14		mg/kg dry	1	1031147	7/28/2010 4:24:08PM
ICP_Zn		SW 6010B		Analyst: RJE			
Zinc	39.7	5.71		mg/kg dry	1	1031147	7/28/2010 4:24:08PM
HG		SW 7471		Analyst: KC			
Mercury	BDL	0.118		mg/kg dry	1	1031167	7/29/2010 1:00:28PM
VOC 8260		SW 8260A		Analyst: kds			
1,1,1,2-Tetrachloroethane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
1,1,1-Trichloroethane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
1,1,2,2-Tetrachloroethane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
1,1,2-Trichloroethane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
1,1-Dichloroethane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
1,1-Dichloroethene	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
1,1-Dichloropropene	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
1,2-Dibromoethane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
1,2-Dichloroethane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
1,2-Dichloropropane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
1,3-Dichloropropane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
2,2-Dichloropropane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
2-Butanone	BDL	0.0246		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
2-Chlorotoluene	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
2-Hexanone	BDL	0.0246		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
4-Chlorotoluene	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
4-Methyl-2-pentanone	BDL	0.0246		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Acetone	BDL	0.0616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Acetonitrile	BDL	0.0493		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Acrolein	BDL	0.0246		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Acrylonitrile	BDL	0.0246		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Allyl chloride	BDL	0.0123		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Benzene	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Bromobenzene	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Bromochloromethane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Bromodichloromethane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Bromoform	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Bromomethane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Carbon Disulfide	BDL	0.0246		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Carbon Tetrachloride	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-13
 Client Sample ID: 11 (6-8)

Collection Date: 7/14/2010 2:00:00PM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Chlorobenzene	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Chloroethane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Chloroform	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Chloromethane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
cis-1,2-Dichloroethene	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
cis-1,3-Dichloropropene	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Dibromochloromethane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Dibromomethane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Dichlorodifluoromethane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Ethylbenzene	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Iodomethane	BDL	0.0123		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Methylene Chloride	0.0492	0.00616	B	mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Methyl tert-Butyl Ether	BDL	0.0123		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
m,p-Xylene	BDL	0.0123		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
n-Hexane	BDL	0.00616	A-01	mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
o-Xylene	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Styrene	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Tetrachloroethene	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Toluene	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
trans-1,2-Dichloroethene	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
trans-1,3-Dichloropropene	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Trichloroethene	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Trichlorofluoromethane	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Vinyl Chloride	BDL	0.00616		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
Vinyl acetate	BDL	0.0123		mg/kg dry	0.98	1032039	7/27/2010 3:57:00PM
<i>Surrogate: 4-Bromofluorobenzene</i>		77.3 %		41-140	1032039	7/27/2010 3:57:00PM	
<i>Surrogate: Dibromofluoromethane</i>		85.5 %		33-129	1032039	7/27/2010 3:57:00PM	
<i>Surrogate: Toluene-d8</i>		89.4 %		44-130	1032039	7/27/2010 3:57:00PM	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.3 %		31-123	1032039	7/27/2010 3:57:00PM	

PMOIST **D 2216** **Analyst: AD**
 Percent Moisture **20.4** % by Weight 1 1031217 7/28/2010 2:00:00PM

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

2-Methylnaphthalene	BDL	0.125		mg/kg dry	1	1031096	7/31/2010 5:46:00AM
Acenaphthene	BDL	0.125		mg/kg dry	1	1031096	7/31/2010 5:46:00AM
Acenaphthylene	BDL	0.125		mg/kg dry	1	1031096	7/31/2010 5:46:00AM
Anthracene	BDL	0.125		mg/kg dry	1	1031096	7/31/2010 5:46:00AM
Benz(a)anthracene	BDL	0.125		mg/kg dry	1	1031096	7/31/2010 5:46:00AM
Benzo(a)pyrene	BDL	0.125		mg/kg dry	1	1031096	7/31/2010 5:46:00AM
Benzo(b)fluoranthene	BDL	0.125		mg/kg dry	1	1031096	7/31/2010 5:46:00AM
Benzo(g,h,i)perylene	BDL	0.125		mg/kg dry	1	1031096	7/31/2010 5:46:00AM
Benzo(k)fluoranthene	BDL	0.125		mg/kg dry	1	1031096	7/31/2010 5:46:00AM
Chrysene	BDL	0.125		mg/kg dry	1	1031096	7/31/2010 5:46:00AM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-13
 Client Sample ID: 11 (6-8)

Collection Date: 7/14/2010 2:00:00PM
 Matrix: Soil

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
Dibenz(a,h)anthracene	BDL	0.125		mg/kg dry	1	1031096	7/31/2010 5:46:00AM
Fluoranthene	BDL	0.125		mg/kg dry	1	1031096	7/31/2010 5:46:00AM
Fluorene	BDL	0.125		mg/kg dry	1	1031096	7/31/2010 5:46:00AM
Indeno(1,2,3-cd)pyrene	BDL	0.125		mg/kg dry	1	1031096	7/31/2010 5:46:00AM
Naphthalene	0.444	0.125		mg/kg dry	1	1031096	7/31/2010 5:46:00AM
Phenanthrene	BDL	0.125		mg/kg dry	1	1031096	7/31/2010 5:46:00AM
Pyrene	BDL	0.125		mg/kg dry	1	1031096	7/31/2010 5:46:00AM
<i>Surrogate: Nitrobenzene-d5</i>		67.0 %		51-126		1031096	7/31/2010 5:46:00AM
<i>Surrogate: 2-Fluorobiphenyl</i>		101 %		56-121		1031096	7/31/2010 5:46:00AM
<i>Surrogate: Terphenyl-d14</i>		47.8 %		40-140		1031096	7/31/2010 5:46:00AM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-14
 Client Sample ID: Trip Blank

Collection Date: 7/14/2010 12:00:00AM
 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	1031272	7/26/2010 5:59:00PM
1,1,1-Trichloroethane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
1,1,2,2-Tetrachloroethane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
1,1,2-Trichloroethane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
1,1-Dichloroethane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
1,1-Dichloroethene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
1,1-Dichloropropene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
1,2-Dibromoethane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
1,2-Dichloroethane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
1,2-Dichloropropane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
1,3-Dichloropropane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
2,2-Dichloropropane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
2-Butanone	BDL	20.0		ug/L	1	1031272	7/26/2010 5:59:00PM
2-Chlorotoluene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
2-Hexanone	BDL	20.0		ug/L	1	1031272	7/26/2010 5:59:00PM
4-Chlorotoluene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
4-Methyl-2-pentanone	BDL	20.0		ug/L	1	1031272	7/26/2010 5:59:00PM
Acetone	BDL	20.0		ug/L	1	1031272	7/26/2010 5:59:00PM
Acetonitrile	BDL	40.0		ug/L	1	1031272	7/26/2010 5:59:00PM
Acrolein	BDL	20.0		ug/L	1	1031272	7/26/2010 5:59:00PM
Acrylonitrile	BDL	20.0		ug/L	1	1031272	7/26/2010 5:59:00PM
Allyl chloride	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Benzene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Bromobenzene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Bromochloromethane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Bromodichloromethane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Bromoform	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Bromomethane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Carbon Disulfide	BDL	20.0		ug/L	1	1031272	7/26/2010 5:59:00PM
Carbon Tetrachloride	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Chlorobenzene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Chloroethane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Chloroform	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Chloromethane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
cis-1,2-Dichloroethene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
cis-1,3-Dichloropropene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Dibromochloromethane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Dibromomethane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Dichlorodifluoromethane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Ethylbenzene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Iodomethane	BDL	10.0		ug/L	1	1031272	7/26/2010 5:59:00PM
Methylene Chloride	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Methyl tert-Butyl Ether	BDL	10.0		ug/L	1	1031272	7/26/2010 5:59:00PM
m,p-Xylene	BDL	10.0		ug/L	1	1031272	7/26/2010 5:59:00PM
n-Butylbenzene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Lab ID: 10G0768-14
 Client Sample ID: Trip Blank

Collection Date: 7/14/2010 12:00:00AM
 Matrix: Water

Analysis	Result	PQL	Qual	Units	Dilution	Batch	Date Analyzed
n-Hexane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
o-Xylene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Styrene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Tetrachloroethene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Toluene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
trans-1,2-Dichloroethene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
trans-1,3-Dichloropropene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Trichloroethene	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Trichlorofluoromethane	BDL	5.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Vinyl Chloride	BDL	1.00		ug/L	1	1031272	7/26/2010 5:59:00PM
Vinyl acetate	BDL	10.0		ug/L	1	1031272	7/26/2010 5:59:00PM
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>79.1 %</i>		<i>41-140</i>		<i>1031272</i>	<i>7/26/2010 5:59:00PM</i>
<i>Surrogate: Dibromofluoromethane</i>		<i>72.7 %</i>		<i>34-158</i>		<i>1031272</i>	<i>7/26/2010 5:59:00PM</i>
<i>Surrogate: Toluene-d8</i>		<i>75.7 %</i>		<i>47-147</i>		<i>1031272</i>	<i>7/26/2010 5:59:00PM</i>
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>67.9 %</i>		<i>29-163</i>		<i>1031272</i>	<i>7/26/2010 5:59:00PM</i>



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

**ANALYTICAL SERVICES REQUEST
 AND CHAIN OF CUSTODY**

SEND TO JLB:	<input type="checkbox"/> INVOICE <input type="checkbox"/> RESULTS	SEND TO:	<input type="checkbox"/> INVOICE <input type="checkbox"/> RESULTS
CONTACT:		CONTACT:	
ADDRESS:	Bill BRG	ADDRESS:	
PHONE:		PHONE:	
FAX:		FAX:	

JLB Job #: Big 2-2 PO#: Big 2000 Power Plant

SAMPLE SITE: Big 2000 Power Plant

SAMPLED BY: SD Couvett

SIGNATURE: [Signature]

RUSH PHONE RESULTS

STANDARD TURNAROUND FAX RESULTS

NEED BY:

SPECIAL INSTRUCTIONS: VAP!

ANALYSIS REQUESTED

REMARKS

SAMPLE ID	DATE	TIME	MATRIX	COMP	GRAB	# BTLs	ANALYSIS REQUESTED	REMARKS
7 0-2	7-12	10:00	Soil		✓	2	VOCs (8260)	
7 10-12	7-12	10:12			✓	1	PAHs (8270)	
2 0-2	7-12	1:00			✓	1	TOT GAO, DRO, ORO (8015)	
2a 0-2	7-12	1:30			✓	1	PCBs (8082)	
2a 6-8	7-12	1:45			✓	1	VAP Metals	
1 0-2	7-13	16:00			✓	1		
1 6-8	7-13	11:00			✓	1		

RELINQUISHED BY: [Signature]

RELINQUISHED BY: [Signature]

RELINQUISHED BY: [Signature]

RECEIVED BY: [Signature] DATE/TIME: 10:50 7/14

RECEIVED BY: [Signature] DATE/TIME: 10:50 7/14

RECEIVED AT LAB BY: [Signature] DATE/TIME: 7-15-0 10:50

W.I

3-42

10607168

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Extractable Hydrocarbons by 8015 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1031005 - PREP DRO S										
Blank (1031005-BLK1)										
				Prepared: 07/26/10 Analyzed: 07/29/10						
C10 to C20	BDL	10.0	mg/kg wet							
C20 to C34	BDL	500	mg/kg wet							
Surrogate: <i>o</i> -Terphenyl	3.82		mg/kg wet	5.000		76.3	28-107			
LCS (1031005-BS1)										
				Prepared: 07/26/10 Analyzed: 07/28/10						
C10 to C20	131	10.0	mg/kg wet	126.2		104	52-119			
Surrogate: <i>o</i> -Terphenyl	2.46		mg/kg wet	5.000		49.2	28-107			
LCS Dup (1031005-BSD1)										
				Prepared: 07/26/10 Analyzed: 07/28/10						
C10 to C20	141	10.0	mg/kg wet	126.2		112	52-119	7.79	11	
Surrogate: <i>o</i> -Terphenyl	2.35		mg/kg wet	5.000		46.9	28-107			
Matrix Spike (1031005-MS1)										
		Source: 10G0848-01		Prepared: 07/26/10 Analyzed: 07/29/10						
C10 to C20	237	12.4	mg/kg dry	156.4	87.5	95.4	56-111			
Surrogate: <i>o</i> -Terphenyl	3.88		mg/kg dry	6.199		62.6	28-107			
Matrix Spike Dup (1031005-MSD1)										
		Source: 10G0848-01		Prepared: 07/26/10 Analyzed: 07/29/10						
C10 to C20	267	12.4	mg/kg dry	155.9	87.5	115	56-111	12.0	12	M
Surrogate: <i>o</i> -Terphenyl	6.47		mg/kg dry	6.179		105	28-107			
Batch 1031068 - PREP DRO S										
Blank (1031068-BLK1)										
				Prepared: 07/26/10 Analyzed: 07/28/10						
C10 to C20	BDL	10.0	mg/kg wet							
C20 to C34	BDL	500	mg/kg wet							
Surrogate: <i>o</i> -Terphenyl	3.07		mg/kg wet	5.000		61.3	28-107			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Extractable Hydrocarbons by 8015 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1031068 - PREP DRO S										
LCS (1031068-BS1)				Prepared: 07/26/10 Analyzed: 07/30/10						
C10 to C20	126	10.0	mg/kg wet	126.2		100	52-119			
Surrogate: <i>o</i> -Terphenyl	3.05		mg/kg wet	5.000		61.1	28-107			
LCS Dup (1031068-BS1)				Prepared: 07/26/10 Analyzed: 07/30/10						
C10 to C20	124	10.0	mg/kg wet	126.2		97.9	52-119	2.17	11	
Surrogate: <i>o</i> -Terphenyl	3.23		mg/kg wet	5.000		64.6	28-107			
Matrix Spike (1031068-MS1)				Source: 10G0920-01		Prepared: 07/26/10 Analyzed: 07/30/10				
C10 to C20	188	12.1	mg/kg dry	152.5	9.02	117	56-111			M
Surrogate: <i>o</i> -Terphenyl	4.72		mg/kg dry	6.044		78.1	28-107			
Matrix Spike Dup (1031068-MSD1)				Source: 10G0920-01		Prepared: 07/26/10 Analyzed: 07/30/10				
C10 to C20	186	12.2	mg/kg dry	154.1	9.02	115	56-111	0.991	12	M
Surrogate: <i>o</i> -Terphenyl	4.54		mg/kg dry	6.107		74.3	28-107			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1030243 - GC Prep

Blank (1030243-BLK1) Prepared & Analyzed: 07/21/10

Gasoline Range Organics, C6 - C12	BDL	5.00	mg/kg wet							
Surrogate: a,a,a-Trifluorotoluene	0.106		mg/L	0.1000		106	60-155			

LCS (1030243-BS1) Prepared & Analyzed: 07/21/10

Gasoline Range Organics, C6 - C12	10.2	5.00	mg/kg wet	10.00		102	80-118			
Surrogate: a,a,a-Trifluorotoluene	0.0920		mg/L	0.1000		92.0	60-155			

LCS Dup (1030243-BSD1) Prepared & Analyzed: 07/21/10

Gasoline Range Organics, C6 - C12	10.1	5.00	mg/kg wet	10.00		101	80-118	1.10	10	
Surrogate: a,a,a-Trifluorotoluene	0.101		mg/L	0.1000		101	60-155			

Matrix Spike (1030243-MS1) Source: 10G0853-01 Prepared & Analyzed: 07/21/10

Gasoline Range Organics, C6 - C12	17.0	6.38	mg/kg dry	25.54	ND	66.5	56-84			
Surrogate: a,a,a-Trifluorotoluene	0.104		mg/L	0.1000		104	60-155			

Matrix Spike Dup (1030243-MSD1) Source: 10G0853-01 Prepared & Analyzed: 07/21/10

Gasoline Range Organics, C6 - C12	20.0	6.32	mg/kg dry	25.54	ND	78.4	56-84	16.4	20	
Surrogate: a,a,a-Trifluorotoluene	0.102		mg/L	0.1000		102	60-155			

Batch 1030244 - GC Prep

Blank (1030244-BLK1) Prepared: 07/21/10 Analyzed: 07/22/10

Gasoline Range Organics, C6 - C12	BDL	5.00	mg/kg wet							
Surrogate: a,a,a-Trifluorotoluene	0.107		mg/L	0.1000		107	60-155			

LCS (1030244-BS1) Prepared: 07/21/10 Analyzed: 07/22/10

Gasoline Range Organics, C6 - C12	10.6	5.00	mg/kg wet	10.00		106	80-118			
Surrogate: a,a,a-Trifluorotoluene	0.103		mg/L	0.1000		103	60-155			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

Petroleum Hydrocarbons by GC FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1030244 - GC Prep										
LCS Dup (1030244-BSD1)					Prepared: 07/21/10 Analyzed: 07/22/10					
Gasoline Range Organics, C6 - C12	10.6	5.00	mg/kg wet	10.00		106	80-118	0.481	10	
Surrogate: a,a,a-Trifluorotoluene	0.0950		mg/L	0.1000		95.0	60-155			
Matrix Spike (1030244-MS1)					Source: 10G0653-40 Prepared: 07/21/10 Analyzed: 07/22/10					
Gasoline Range Organics, C6 - C12	14.0	5.99	mg/kg dry	24.02	ND	58.4	56-84			
Surrogate: a,a,a-Trifluorotoluene	0.104		mg/L	0.1000		104	60-155			
Matrix Spike Dup (1030244-MSD1)					Source: 10G0653-40 Prepared: 07/21/10 Analyzed: 07/22/10					
Gasoline Range Organics, C6 - C12	10.9	5.82	mg/kg dry	24.02	ND	45.2	56-84	25.4	20	M
Surrogate: a,a,a-Trifluorotoluene	0.104		mg/L	0.1000		104	60-155			
Batch 1031019 - GC Prep										
Blank (1031019-BLK1)					Prepared & Analyzed: 07/22/10					
Gasoline Range Organics, C6 - C12	BDL	5.00	mg/kg wet							
Surrogate: a,a,a-Trifluorotoluene	0.104		mg/L	0.1000		104	60-155			
LCS (1031019-BS1)					Prepared & Analyzed: 07/22/10					
Gasoline Range Organics, C6 - C12	10.3	5.00	mg/kg wet	10.00		103	80-118			
Surrogate: a,a,a-Trifluorotoluene	0.102		mg/L	0.1000		102	60-155			
LCS Dup (1031019-BSD1)					Prepared & Analyzed: 07/22/10					
Gasoline Range Organics, C6 - C12	9.96	5.00	mg/kg wet	10.00		99.6	80-118	3.00	10	
Surrogate: a,a,a-Trifluorotoluene	0.101		mg/L	0.1000		101	60-155			
Matrix Spike (1031019-MS1)					Source: 10G0768-08 Prepared & Analyzed: 07/22/10					
Gasoline Range Organics, C6 - C12	15.2	9.79	mg/kg dry	23.60	ND	64.2	56-84			
Surrogate: a,a,a-Trifluorotoluene	0.101		mg/L	0.1000		101	60-155			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1031019 - GC Prep

Matrix Spike Dup (1031019-MSD1)	Source: 10G0768-08			Prepared & Analyzed: 07/22/10						
Gasoline Range Organics, C6 - C12	16.1	9.67	mg/kg dry	23.60	ND	68.2	56-84	6.00	20	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	0.100		mg/L	0.1000		100	60-155			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1031147 - PREP ICP S

Blank (1031147-BLK1)

Prepared: 07/27/10 Analyzed: 07/28/10

Aluminum	BDL	10.0	mg/kg wet							
Antimony	BDL	1.00	mg/kg wet							
Arsenic	BDL	1.00	mg/kg wet							
Barium	BDL	1.00	mg/kg wet							
Beryllium	BDL	0.500	mg/kg wet							
Cadmium	BDL	0.100	mg/kg wet							
Chromium	BDL	1.00	mg/kg wet							
Cobalt	BDL	1.00	mg/kg wet							
Lead	BDL	1.00	mg/kg wet							
Nickel	BDL	1.00	mg/kg wet							
Selenium	BDL	5.00	mg/kg wet							
Silver	BDL	1.00	mg/kg wet							
Thallium	BDL	5.00	mg/kg wet							
Vanadium	BDL	1.00	mg/kg wet							
Zinc	BDL	5.00	mg/kg wet							

LCS (1031147-BS1)

Prepared: 07/27/10 Analyzed: 07/28/10

Aluminum	87.1	10.0	mg/kg wet	100.0		87.1	80-120			
Antimony	88.7	1.00	mg/kg wet	100.0		88.7	80-120			
Arsenic	88.9	1.00	mg/kg wet	100.0		88.9	80-120			
Barium	82.8	1.00	mg/kg wet	100.0		82.8	80-120			
Beryllium	88.8	0.500	mg/kg wet	100.0		88.8	80-120			
Cadmium	88.0	0.100	mg/kg wet	100.0		88.0	80-120			
Chromium	88.4	1.00	mg/kg wet	100.0		88.4	80-120			
Cobalt	86.5	1.00	mg/kg wet	100.0		86.5	80-120			
Lead	87.6	1.00	mg/kg wet	100.0		87.6	80-120			
Nickel	88.4	1.00	mg/kg wet	100.0		88.4	80-120			
Selenium	88.6	5.00	mg/kg wet	100.0		88.6	80-120			
Silver	85.7	1.00	mg/kg wet	100.0		85.7	80-120			
Thallium	86.7	5.00	mg/kg wet	100.0		86.7	80-120			
Vanadium	88.4	1.00	mg/kg wet	100.0		88.4	80-120			
Zinc	87.6	5.00	mg/kg wet	100.0		87.6	80-120			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1031147 - PREP ICP S

LCS Dup (1031147-BSD1)

Prepared: 07/27/10 Analyzed: 07/28/10

Aluminum	87.8	10.0	mg/kg wet	100.0		87.8	80-120	0.800	20	
Antimony	86.9	1.00	mg/kg wet	100.0		86.9	80-120	2.05	20	
Arsenic	87.0	1.00	mg/kg wet	100.0		87.0	80-120	2.16	20	
Barium	83.1	1.00	mg/kg wet	100.0		83.1	80-120	0.362	20	
Beryllium	86.9	0.500	mg/kg wet	100.0		86.9	80-120	2.16	20	
Cadmium	85.8	0.100	mg/kg wet	100.0		85.8	80-120	2.53	20	
Chromium	86.6	1.00	mg/kg wet	100.0		86.6	80-120	2.06	20	
Cobalt	84.5	1.00	mg/kg wet	100.0		84.5	80-120	2.34	20	
Lead	85.5	1.00	mg/kg wet	100.0		85.5	80-120	2.43	20	
Nickel	86.1	1.00	mg/kg wet	100.0		86.1	80-120	2.64	20	
Selenium	86.7	5.00	mg/kg wet	100.0		86.7	80-120	2.17	20	
Silver	86.3	1.00	mg/kg wet	100.0		86.3	80-120	0.698	20	
Thallium	86.9	5.00	mg/kg wet	100.0		86.9	80-120	0.230	20	
Vanadium	86.5	1.00	mg/kg wet	100.0		86.5	80-120	2.17	20	
Zinc	85.4	5.00	mg/kg wet	100.0		85.4	80-120	2.54	20	

Duplicate (1031147-DUP1)

Source: 10G0768-08

Prepared: 07/27/10 Analyzed: 07/28/10

Aluminum	473	12.6	mg/kg dry		682			36.1	20	R
Antimony	1.98	1.26	mg/kg dry		2.79			33.9	20	R
Arsenic	153	1.26	mg/kg dry		210			31.2	20	R
Barium	26.7	1.26	mg/kg dry		30.8			14.2	20	
Beryllium	0.183	0.628	mg/kg dry		0.240			26.8	20	R
Cadmium	0.884	0.126	mg/kg dry		1.17			28.2	20	R
Chromium	2.82	1.26	mg/kg dry		3.30			15.6	20	
Cobalt	1.03	1.26	mg/kg dry		1.35			26.6	20	R
Lead	6.73	1.26	mg/kg dry		8.06			18.0	20	
Nickel	0.925	1.26	mg/kg dry		1.07			15.0	20	
Selenium	3.92	6.28	mg/kg dry		5.13			26.8	20	R
Silver	BDL	1.26	mg/kg dry		ND				20	
Thallium	BDL	6.28	mg/kg dry		2.12				20	
Vanadium	9.40	1.26	mg/kg dry		12.9			31.2	20	R
Zinc	8.18	6.28	mg/kg dry		9.19			11.6	20	

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1031147 - PREP ICP S

Matrix Spike (1031147-MS1)	Source: 10G0777-07			Prepared: 07/27/10		Analyzed: 07/28/10				
Aluminum	3990	11.5	mg/kg dry	115.4	3500	425	75-125			QM-05
Antimony	89.4	1.15	mg/kg dry	115.4	0.692	76.9	75-125			
Arsenic	98.0	1.15	mg/kg dry	115.4	8.53	77.5	75-125			
Barium	120	1.15	mg/kg dry	115.4	37.5	71.5	75-125			QM-05
Beryllium	88.7	0.577	mg/kg dry	115.4	0.294	76.6	75-125			
Cadmium	87.9	0.115	mg/kg dry	115.4	0.573	75.7	75-125			
Chromium	101	1.15	mg/kg dry	115.4	11.2	78.2	75-125			
Cobalt	90.8	1.15	mg/kg dry	115.4	4.68	74.6	75-125			QM-05
Lead	111	1.15	mg/kg dry	115.4	33.5	66.9	75-125			QM-05
Nickel	99.0	1.15	mg/kg dry	115.4	12.6	74.9	75-125			QM-05
Selenium	90.5	5.77	mg/kg dry	115.4	2.31	76.4	75-125			
Silver	91.9	1.15	mg/kg dry	115.4	ND	79.6	75-125			
Thallium	82.9	5.77	mg/kg dry	115.4	ND	71.8	75-125			QM-05
Vanadium	99.8	1.15	mg/kg dry	115.4	10.9	77.1	75-125			
Zinc	149	5.77	mg/kg dry	115.4	64.5	73.1	75-125			QM-05

Matrix Spike Dup (1031147-MSD1)	Source: 10G0777-07			Prepared: 07/27/10		Analyzed: 07/28/10				
Aluminum	5560	11.5	mg/kg dry	115.4	3500	NR	75-125	32.9	20	QM-05
Antimony	89.8	1.15	mg/kg dry	115.4	0.692	77.2	75-125	0.386	20	
Arsenic	109	1.15	mg/kg dry	115.4	8.53	86.7	75-125	10.3	20	
Barium	123	1.15	mg/kg dry	115.4	37.5	74.5	75-125	2.84	20	QM-05
Beryllium	89.8	0.577	mg/kg dry	115.4	0.294	77.5	75-125	1.16	20	
Cadmium	89.8	0.115	mg/kg dry	115.4	0.573	77.3	75-125	2.08	20	
Chromium	102	1.15	mg/kg dry	115.4	11.2	79.0	75-125	0.906	20	
Cobalt	97.1	1.15	mg/kg dry	115.4	4.68	80.0	75-125	6.63	20	
Lead	121	1.15	mg/kg dry	115.4	33.5	75.9	75-125	8.96	20	
Nickel	117	1.15	mg/kg dry	115.4	12.6	90.1	75-125	16.3	20	
Selenium	90.8	5.77	mg/kg dry	115.4	2.31	76.7	75-125	0.382	20	
Silver	92.8	1.15	mg/kg dry	115.4	ND	80.4	75-125	1.00	20	
Thallium	87.5	5.77	mg/kg dry	115.4	ND	75.8	75-125	5.42	20	
Vanadium	107	1.15	mg/kg dry	115.4	10.9	83.1	75-125	6.70	20	
Zinc	165	5.77	mg/kg dry	115.4	64.5	87.1	75-125	10.3	20	

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

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 1031147 - PREP ICP S

Post Spike (1031147-PS1)	Source: 10G0777-07			Prepared: 07/27/10 Analyzed: 07/28/10						
Aluminum	36.6		mg/L	1.000	30.3	625	0-200			QM-05
Antimony	0.879		mg/L	1.000	0.00600	87.3	0-200			
Arsenic	1.00		mg/L	1.000	0.0740	92.6	0-200			
Barium	1.35		mg/L	1.000	0.325	102	0-200			
Beryllium	0.904		mg/L	1.000	0.00254	90.1	0-200			
Chromium	1.03		mg/L	1.000	0.0967	93.3	0-200			
Cobalt	0.919		mg/L	1.000	0.0406	87.8	0-200			
Lead	1.27		mg/L	1.000	0.291	97.9	0-200			
Nickel	0.968		mg/L	1.000	0.109	85.9	0-200			
Selenium	0.937		mg/L	1.000	0.0200	91.7	0-200			
Silver	0.952		mg/L	1.000	-0.00227	95.4	0-200			
Thallium	0.875		mg/L	1.000	-0.00122	87.6	0-200			
Vanadium	1.04		mg/L	1.000	0.0944	94.6	0-200			
Zinc	1.50		mg/L	1.000	0.559	94.1	0-200			

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

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 1031167 - PREP HG S

Blank (1031167-BLK1) Prepared: 07/27/10 Analyzed: 07/29/10

Mercury	BDL	0.100	mg/kg wet							
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LCS (1031167-BS1) Prepared: 07/27/10 Analyzed: 07/29/10

Mercury	0.867	0.100	mg/kg wet	0.8333		104	80-120			
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LCS Dup (1031167-BSD1) Prepared: 07/27/10 Analyzed: 07/29/10

Mercury	0.883	0.100	mg/kg wet	0.8333		106	80-120	2	20	
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Matrix Spike (1031167-MS1) Source: 10G0777-07 Prepared: 07/27/10 Analyzed: 07/29/10

Mercury	0.947	0.110	mg/kg dry	0.9198	0.0377	99	70-130			
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Matrix Spike Dup (1031167-MSD1) Source: 10G0777-07 Prepared: 07/27/10 Analyzed: 07/29/10

Mercury	0.943	0.109	mg/kg dry	0.9067	0.0377	100	70-130	0.5	30	
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CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1030268 - PREP PP S

Blank (1030268-BLK1)

Prepared & Analyzed: 07/23/10

Aroclor 1016	BDL	0.0200	mg/kg wet							
Aroclor 1221	BDL	0.0200	mg/kg wet							
Aroclor 1232	BDL	0.0200	mg/kg wet							
Aroclor 1242	BDL	0.0200	mg/kg wet							
Aroclor 1248	BDL	0.0200	mg/kg wet							
Aroclor 1254	BDL	0.0200	mg/kg wet							
Aroclor 1260	BDL	0.0200	mg/kg wet							
Surrogate: Decachlorobiphenyl	0.0353		mg/kg wet	0.03333		106	40-159			
Surrogate: Tetrachloro-m-xylene	0.0317		mg/kg wet	0.03333		95.0	47-125			

LCS (1030268-BS1)

Prepared & Analyzed: 07/23/10

Aroclor 1016	0.455	0.0200	mg/kg wet	0.3333		137	51-168			
Aroclor 1260	0.495	0.0200	mg/kg wet	0.3333		149	51-173			
Surrogate: Decachlorobiphenyl	0.0337		mg/kg wet	0.03333		101	40-159			
Surrogate: Tetrachloro-m-xylene	0.0267		mg/kg wet	0.03333		80.0	47-125			

LCS Dup (1030268-BSD1)

Prepared & Analyzed: 07/23/10

Aroclor 1016	0.487	0.0200	mg/kg wet	0.3333		146	51-168	6.65	24	
Aroclor 1260	0.462	0.0200	mg/kg wet	0.3333		138	51-173	7.04	25	
Surrogate: Decachlorobiphenyl	0.0277		mg/kg wet	0.03333		83.0	40-159			
Surrogate: Tetrachloro-m-xylene	0.0330		mg/kg wet	0.03333		99.0	47-125			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1031272 - VOC PREP

Blank (1031272-BLK1)

Prepared & Analyzed: 07/26/10

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: Piqua-2

Lab Order: 10G0768

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 1031272 - VOC PREP

Blank (1031272-BLK1)

Prepared & Analyzed: 07/26/10

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>	37.9		ug/L	50.00		75.7	41-140			
<i>Surrogate: Dibromofluoromethane</i>	34.5		ug/L	50.00		68.9	34-158			
<i>Surrogate: Toluene-d8</i>	36.9		ug/L	50.00		73.8	47-147			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	31.7		ug/L	50.00		63.4	29-163			

LCS (1031272-BS1)

Prepared & Analyzed: 07/26/10

1,1,1,2-Tetrachloroethane	17.7	5.00	ug/L	20.00		88.6	78-128			
1,1,1-Trichloroethane	18.3	5.00	ug/L	20.00		91.7	70-135			
1,1,2,2-Tetrachloroethane	20.2	5.00	ug/L	20.00		101	68-135			
1,1,2-Trichloroethane	18.3	5.00	ug/L	20.00		91.6	74-131			
1,1-Dichloroethane	22.9	5.00	ug/L	20.00		114	72-134			
1,1-Dichloroethene	23.7	5.00	ug/L	20.00		118	62-143			
1,1-Dichloropropene	18.1	5.00	ug/L	20.00		90.4	82-128			
1,2-Dibromoethane	16.5	5.00	ug/L	20.00		82.4	67-132			
1,2-Dichloroethane	23.4	5.00	ug/L	20.00		117	72-131			
1,2-Dichloropropane	20.8	5.00	ug/L	20.00		104	75-128			
1,3-Dichloropropane	18.8	5.00	ug/L	20.00		94.2	73-130			
2,2-Dichloropropane	24.6	5.00	ug/L	20.00		123	45-173			
2-Butanone	77.8	20.0	ug/L	80.00		97.3	42-140			
2-Chlorotoluene	24.0	5.00	ug/L	20.00		120	76-126			
2-Hexanone	77.9	20.0	ug/L	80.00		97.3	18-178			
4-Chlorotoluene	20.3	5.00	ug/L	20.00		101	77-132			
4-Methyl-2-pentanone	60.1	20.0	ug/L	80.00		75.1	42-160			
Acetone	85.3	20.0	ug/L	80.00		107	30-173			
Acetonitrile	20.8	40.0	ug/L	20.00		104	58-150			
Acrylonitrile	19.2	20.0	ug/L	20.00		96.0	64-153			
Allyl chloride	19.2	5.00	ug/L	20.00		96.1	67-149			
Benzene	18.0	5.00	ug/L	20.00		90.2	77-126			
Bromobenzene	18.3	5.00	ug/L	20.00		91.6	72-131			
Bromochloromethane	15.8	5.00	ug/L	20.00		79.2	71-135			
Bromodichloromethane	20.8	5.00	ug/L	20.00		104	78-129			
Bromoform	16.7	5.00	ug/L	20.00		83.3	69-135			
Bromomethane	42.0	5.00	ug/L	20.00		210	14-193			L
Carbon Disulfide	12.9	20.0	ug/L	20.00		64.4	54-150			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1031272 - VOC PREP

LCS (1031272-BS1)

Prepared & Analyzed: 07/26/10

Carbon Tetrachloride	17.2	5.00	ug/L	20.00		85.8	67-138			
Chlorobenzene	21.3	5.00	ug/L	20.00		107	77-125			
Chloroethane	32.0	5.00	ug/L	20.00		160	27-170			
Chloroform	21.7	5.00	ug/L	20.00		108	73-136			
Chloromethane	22.9	5.00	ug/L	20.00		115	44-145			
cis-1,2-Dichloroethene	24.1	5.00	ug/L	20.00		120	77-137			
cis-1,3-Dichloropropene	19.3	5.00	ug/L	20.00		96.6	70-133			
Dibromochloromethane	17.7	5.00	ug/L	20.00		88.4	68-131			
Dibromomethane	16.6	5.00	ug/L	20.00		83.2	74-129			
Dichlorodifluoromethane	22.3	5.00	ug/L	20.00		111	41-145			
Ethylbenzene	23.4	5.00	ug/L	20.00		117	79-126			
Iodomethane	15.1	10.0	ug/L	20.00		75.7	52-150			
Methylene Chloride	21.2	5.00	ug/L	20.00		106	43-162			
Methyl tert-Butyl Ether	19.7	10.0	ug/L	20.00		98.6	63-134			
m,p-Xylene	46.4	10.0	ug/L	40.00		116	82-132			
n-Butylbenzene	32.0	5.00	ug/L	20.00		160	80-135			L
n-Hexane	27.2	5.00	ug/L	20.00		136	10-216			
o-Xylene	21.0	5.00	ug/L	20.00		105	81-128			
Styrene	21.5	5.00	ug/L	20.00		108	81-129			
Tetrachloroethene	16.6	5.00	ug/L	20.00		83.1	43-152			
Toluene	19.0	5.00	ug/L	20.00		94.8	79-128			
trans-1,2-Dichloroethene	15.7	5.00	ug/L	20.00		78.4	60-144			
trans-1,3-Dichloropropene	19.3	5.00	ug/L	20.00		96.4	67-138			
Trichloroethene	15.8	5.00	ug/L	20.00		79.2	74-132			
Trichlorofluoromethane	26.2	5.00	ug/L	20.00		131	48-170			
Vinyl Chloride	28.9	1.00	ug/L	20.00		144	60-143			L
Vinyl acetate	19.3	10.0	ug/L	20.00		96.7	16-196			
Surrogate: 4-Bromofluorobenzene	39.2		ug/L	50.00		78.5	41-140			
Surrogate: Dibromofluoromethane	34.9		ug/L	50.00		69.8	34-158			
Surrogate: Toluene-d8	36.4		ug/L	50.00		72.8	47-147			
Surrogate: 1,2-Dichloroethane-d4	31.2		ug/L	50.00		62.4	29-163			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1031272 - VOC PREP										
LCS Dup (1031272-BSD1)										
				Prepared & Analyzed: 07/26/10						
1,1,1,2-Tetrachloroethane	18.6	5.00	ug/L	20.00		92.8	78-128	4.69	16	
1,1,1-Trichloroethane	19.0	5.00	ug/L	20.00		94.9	70-135	3.43	20	
1,1,2,2-Tetrachloroethane	20.8	5.00	ug/L	20.00		104	68-135	3.12	19	
1,1,2-Trichloroethane	19.9	5.00	ug/L	20.00		99.7	74-131	8.52	16	
1,1-Dichloroethane	23.7	5.00	ug/L	20.00		119	72-134	3.48	19	
1,1-Dichloroethene	24.7	5.00	ug/L	20.00		124	62-143	4.42	20	
1,1-Dichloropropene	18.8	5.00	ug/L	20.00		94.2	82-128	4.12	18	
1,2-Dibromoethane	17.7	5.00	ug/L	20.00		88.4	67-132	7.03	13	
1,2-Dichloroethane	24.7	5.00	ug/L	20.00		124	72-131	5.62	16	
1,2-Dichloropropane	21.9	5.00	ug/L	20.00		110	75-128	5.00	19	
1,3-Dichloropropane	20.2	5.00	ug/L	20.00		101	73-130	7.12	13	
2,2-Dichloropropane	24.9	5.00	ug/L	20.00		125	45-173	1.37	25	
2-Butanone	86.9	20.0	ug/L	80.00		109	42-140	11.1	18	
2-Chlorotoluene	24.8	5.00	ug/L	20.00		124	76-126	3.20	20	
2-Hexanone	86.7	20.0	ug/L	80.00		108	18-178	10.7	17	
4-Chlorotoluene	20.6	5.00	ug/L	20.00		103	77-132	1.61	22	
4-Methyl-2-pentanone	65.9	20.0	ug/L	80.00		82.4	42-160	9.29	67	
Acetone	97.0	20.0	ug/L	80.00		121	30-173	12.8	24	
Acetonitrile	22.3	40.0	ug/L	20.00		112	58-150	7.06	25	
Acrylonitrile	20.7	20.0	ug/L	20.00		104	64-153	7.52	20	
Allyl chloride	19.8	5.00	ug/L	20.00		99.2	67-149	3.22	16	
Benzene	18.8	5.00	ug/L	20.00		94.0	77-126	4.12	19	
Bromobenzene	18.9	5.00	ug/L	20.00		94.3	72-131	2.85	20	
Bromochloromethane	16.3	5.00	ug/L	20.00		81.5	71-135	2.86	16	
Bromodichloromethane	21.9	5.00	ug/L	20.00		110	78-129	5.20	17	
Bromoform	18.0	5.00	ug/L	20.00		90.0	69-135	7.68	18	
Bromomethane	44.8	5.00	ug/L	20.00		224	14-193	6.50	28	L
Carbon Disulfide	13.2	20.0	ug/L	20.00		66.2	54-150	2.83	19	
Carbon Tetrachloride	17.7	5.00	ug/L	20.00		88.7	67-138	3.32	21	
Chlorobenzene	22.0	5.00	ug/L	20.00		110	77-125	2.87	19	
Chloroethane	33.0	5.00	ug/L	20.00		165	27-170	3.07	64	
Chloroform	22.6	5.00	ug/L	20.00		113	73-136	3.89	19	
Chloromethane	23.5	5.00	ug/L	20.00		118	44-145	2.50	26	
cis-1,2-Dichloroethene	24.4	5.00	ug/L	20.00		122	77-137	1.48	17	
cis-1,3-Dichloropropene	20.4	5.00	ug/L	20.00		102	70-133	5.63	19	
Dibromochloromethane	18.6	5.00	ug/L	20.00		93.0	68-131	5.02	18	
Dibromomethane	17.9	5.00	ug/L	20.00		89.5	74-129	7.24	16	
Dichlorodifluoromethane	22.2	5.00	ug/L	20.00		111	41-145	0.0898	15	
Ethylbenzene	24.2	5.00	ug/L	20.00		121	79-126	3.11	20	
Iodomethane	15.7	10.0	ug/L	20.00		78.6	52-150	3.76	25	
Methylene Chloride	21.2	5.00	ug/L	20.00		106	43-162	0.330	28	
Methyl tert-Butyl Ether	21.0	10.0	ug/L	20.00		105	63-134	6.10	20	
m,p-Xylene	47.4	10.0	ug/L	40.00		119	82-132	2.19	18	
n-Butylbenzene	29.7	5.00	ug/L	20.00		148	80-135	7.46	18	L
n-Hexane	26.9	5.00	ug/L	20.00		134	10-216	1.07	64	

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1031272 - VOC PREP

LCS Dup (1031272-BSD1)

Prepared & Analyzed: 07/26/10

o-Xylene	21.7	5.00	ug/L	20.00		108	81-128	3.23	19	
Styrene	22.0	5.00	ug/L	20.00		110	81-129	2.39	17	
Tetrachloroethene	18.5	5.00	ug/L	20.00		92.4	43-152	10.6	29	
Toluene	19.7	5.00	ug/L	20.00		98.6	79-128	3.83	19	
trans-1,2-Dichloroethene	16.0	5.00	ug/L	20.00		79.8	60-144	1.64	20	
trans-1,3-Dichloropropene	20.4	5.00	ug/L	20.00		102	67-138	5.70	17	
Trichloroethene	16.3	5.00	ug/L	20.00		81.5	74-132	2.86	20	
Trichlorofluoromethane	25.0	5.00	ug/L	20.00		125	48-170	4.45	50	
Vinyl Chloride	28.2	1.00	ug/L	20.00		141	60-143	2.31	19	
Vinyl acetate	20.3	10.0	ug/L	20.00		102	16-196	5.04	45	
Surrogate: 4-Bromofluorobenzene	40.2		ug/L	50.00		80.3	41-140			
Surrogate: Dibromofluoromethane	34.6		ug/L	50.00		69.3	34-158			
Surrogate: Toluene-d8	36.6		ug/L	50.00		73.1	47-147			
Surrogate: 1,2-Dichloroethane-d4	32.9		ug/L	50.00		65.9	29-163			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031062 - VOC PREP

Blank (1031062-BLK1)

Prepared & Analyzed: 07/24/10

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	0.0386	0.00500	mg/kg wet							O-01
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: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031062 - VOC PREP

Blank (1031062-BLK1)

Prepared & Analyzed: 07/24/10

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>	40.7		ug/L	50.00		81.4	41-140			
<i>Surrogate: Dibromofluoromethane</i>	41.9		ug/L	50.00		83.8	33-129			
<i>Surrogate: Toluene-d8</i>	44.7		ug/L	50.00		89.4	44-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	44.7		ug/L	50.00		89.4	31-123			

LCS (1031062-BS1)

Prepared & Analyzed: 07/24/10

1,1,1,2-Tetrachloroethane	0.0173	0.00500	mg/kg wet	0.02000		86.6	69-142			
1,1,1-Trichloroethane	0.0150	0.00500	mg/kg wet	0.02000		75.1	58-127			
1,1,2,2-Tetrachloroethane	0.0253	0.00500	mg/kg wet	0.02000		126	74-141			
1,1,2-Trichloroethane	0.0228	0.00500	mg/kg wet	0.02000		114	73-140			
1,1-Dichloroethane	0.0170	0.00500	mg/kg wet	0.02000		84.8	60-130			
1,1-Dichloroethene	0.0147	0.00500	mg/kg wet	0.02000		73.7	62-142			
1,1-Dichloropropene	0.0142	0.00500	mg/kg wet	0.02000		71.2	63-142			
1,2-Dibromoethane	0.0184	0.00500	mg/kg wet	0.02000		92.0	72-140			
1,2-Dichloroethane	0.0196	0.00500	mg/kg wet	0.02000		98.2	70-142			
1,2-Dichloropropane	0.0193	0.00500	mg/kg wet	0.02000		96.4	66-139			
1,3-Dichloropropane	0.0213	0.00500	mg/kg wet	0.02000		106	75-139			
2,2-Dichloropropane	0.0165	0.00500	mg/kg wet	0.02000		82.6	10-180			
2-Butanone	0.101	0.0200	mg/kg wet	0.08000		126	44-120			A-01c
2-Chlorotoluene	0.0201	0.00500	mg/kg wet	0.02000		101	69-137			
2-Hexanone	0.128	0.0200	mg/kg wet	0.08000		160	10-172			
4-Chlorotoluene	0.0176	0.00500	mg/kg wet	0.02000		87.9	71-140			
4-Methyl-2-pentanone	0.103	0.0200	mg/kg wet	0.08000		129	10-185			
Acetone	0.118	0.0500	mg/kg wet	0.08000		148	10-229			
Acetonitrile	0.0239	0.0400	mg/kg wet	0.02000		120	35-169			
Acrylonitrile	0.0226	0.0200	mg/kg wet	0.02000		113	64-150			
Allyl chloride	0.0145	0.0100	mg/kg wet	0.02000		72.5	50-149			
Benzene	0.0161	0.00500	mg/kg wet	0.02000		80.6	64-138			
Bromobenzene	0.0180	0.00500	mg/kg wet	0.02000		89.8	73-140			
Bromochloromethane	0.0138	0.00500	mg/kg wet	0.02000		69.1	72-132			A-01c
Bromodichloromethane	0.0194	0.00500	mg/kg wet	0.02000		97.0	72-138			
Bromoform	0.0206	0.00500	mg/kg wet	0.02000		103	70-144			
Bromomethane	0.0559	0.00500	mg/kg wet	0.02000		279	10-199			A-01c
Carbon Disulfide	0.00840	0.0200	mg/kg wet	0.02000		42.0	38-148			
Carbon Tetrachloride	0.0124	0.00500	mg/kg wet	0.02000		62.1	49-148			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031062 - VOC PREP

LCS (1031062-BS1)

Prepared & Analyzed: 07/24/10

Chlorobenzene	0.0179	0.00500	mg/kg wet	0.02000		89.4	70-135			
Chloroethane	0.142	0.00500	mg/kg wet	0.02000		708	17-186			A-01c
Chloroform	0.0165	0.00500	mg/kg wet	0.02000		82.5	64-134			
Chloromethane	0.0455	0.00500	mg/kg wet	0.02000		228	47-143			A-01c
cis-1,2-Dichloroethene	0.0166	0.00500	mg/kg wet	0.02000		83.0	66-138			
cis-1,3-Dichloropropene	0.0188	0.00500	mg/kg wet	0.02000		94.2	66-141			
Dibromochloromethane	0.0183	0.00500	mg/kg wet	0.02000		91.6	70-139			
Dibromomethane	0.0189	0.00500	mg/kg wet	0.02000		94.5	76-135			
Dichlorodifluoromethane	0.0562	0.00500	mg/kg wet	0.02000		281	20-181			A-01c
Ethylbenzene	0.0188	0.00500	mg/kg wet	0.02000		94.0	71-134			
Iodomethane	0.00670	0.0100	mg/kg wet	0.02000		33.5	13-162			
Methylene Chloride	0.0539	0.00500	mg/kg wet	0.02000		269	10-195			A-01c, B
Methyl tert-Butyl Ether	0.0251	0.0100	mg/kg wet	0.02000		126	54-153			
m,p-Xylene	0.0372	0.0100	mg/kg wet	0.04000		93.1	70-138			
n-Hexane	0.0225	0.00500	mg/kg wet	0.02000		113	10-185			
o-Xylene	0.0177	0.00500	mg/kg wet	0.02000		88.4	72-139			
Styrene	0.0199	0.00500	mg/kg wet	0.02000		99.5	71-142			
Tetrachloroethene	0.0136	0.00500	mg/kg wet	0.02000		68.2	41-161			
Toluene	0.0163	0.00500	mg/kg wet	0.02000		81.6	70-136			
trans-1,2-Dichloroethene	0.0126	0.00500	mg/kg wet	0.02000		62.8	36-159			
trans-1,3-Dichloropropene	0.0222	0.00500	mg/kg wet	0.02000		111	64-142			
Trichloroethene	0.0132	0.00500	mg/kg wet	0.02000		66.1	65-136			
Trichlorofluoromethane	0.0778	0.00500	mg/kg wet	0.02000		389	41-163			A-01c
Vinyl Chloride	0.0277	0.00500	mg/kg wet	0.02000		138	45-149			
Vinyl acetate	0.0210	0.0100	mg/kg wet	0.02000		105	10-208			
Surrogate: 4-Bromofluorobenzene	42.1		ug/L	50.00		84.1	41-140			
Surrogate: Dibromofluoromethane	40.2		ug/L	50.00		80.4	33-129			
Surrogate: Toluene-d8	43.9		ug/L	50.00		87.8	44-130			
Surrogate: 1,2-Dichloroethane-d4	44.8		ug/L	50.00		89.5	31-123			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031062 - VOC PREP

LCS Dup (1031062-BSD1)

Prepared & Analyzed: 07/24/10

1,1,1,2-Tetrachloroethane	0.0229	0.00500	mg/kg wet	0.02000		115	69-142	27.8	23	R
1,1,1-Trichloroethane	0.0204	0.00500	mg/kg wet	0.02000		102	58-127	30.4	20	R
1,1,2,2-Tetrachloroethane	0.0311	0.00500	mg/kg wet	0.02000		155	74-141	20.5	20	A-01c, R
1,1,2-Trichloroethane	0.0303	0.00500	mg/kg wet	0.02000		152	73-140	28.5	15	A-01c, R
1,1-Dichloroethane	0.0234	0.00500	mg/kg wet	0.02000		117	60-130	31.9	20	R
1,1-Dichloroethene	0.0197	0.00500	mg/kg wet	0.02000		98.5	62-142	28.8	20	R
1,1-Dichloropropene	0.0201	0.00500	mg/kg wet	0.02000		100	63-142	34.0	24	R
1,2-Dibromoethane	0.0238	0.00500	mg/kg wet	0.02000		119	72-140	25.6	20	R
1,2-Dichloroethane	0.0264	0.00500	mg/kg wet	0.02000		132	70-142	29.3	18	R
1,2-Dichloropropane	0.0272	0.00500	mg/kg wet	0.02000		136	66-139	34.3	22	R
1,3-Dichloropropane	0.0284	0.00500	mg/kg wet	0.02000		142	75-139	28.8	17	A-01c, R
2,2-Dichloropropane	0.0220	0.00500	mg/kg wet	0.02000		110	10-180	28.4	40	
2-Butanone	0.127	0.0200	mg/kg wet	0.08000		159	44-120	22.6	29	A-01c
2-Chlorotoluene	0.0274	0.00500	mg/kg wet	0.02000		137	69-137	30.5	30	R
2-Hexanone	0.157	0.0200	mg/kg wet	0.08000		197	10-172	20.5	40	A-01c
4-Chlorotoluene	0.0240	0.00500	mg/kg wet	0.02000		120	71-140	30.7	30	R
4-Methyl-2-pentanone	0.125	0.0200	mg/kg wet	0.08000		156	10-185	19.3	100	
Acetone	0.143	0.0500	mg/kg wet	0.08000		179	10-229	19.0	40	
Acetonitrile	0.0304	0.0400	mg/kg wet	0.02000		152	35-169	24.0	69	
Acrylonitrile	0.0293	0.0200	mg/kg wet	0.02000		146	64-150	25.9	34	
Allyl chloride	0.0195	0.0100	mg/kg wet	0.02000		97.5	50-149	29.4	35	
Benzene	0.0224	0.00500	mg/kg wet	0.02000		112	64-138	32.9	25	R
Bromobenzene	0.0237	0.00500	mg/kg wet	0.02000		119	73-140	27.7	30	
Bromochloromethane	0.0187	0.00500	mg/kg wet	0.02000		93.4	72-132	29.9	25	R
Bromodichloromethane	0.0271	0.00500	mg/kg wet	0.02000		136	72-138	33.2	25	R
Bromoform	0.0268	0.00500	mg/kg wet	0.02000		134	70-144	26.5	30	
Bromomethane	0.0560	0.00500	mg/kg wet	0.02000		280	10-199	0.304	40	A-01c
Carbon Disulfide	0.0111	0.0200	mg/kg wet	0.02000		55.6	38-148	27.8	36	
Carbon Tetrachloride	0.0174	0.00500	mg/kg wet	0.02000		87.1	49-148	33.5	34	
Chlorobenzene	0.0248	0.00500	mg/kg wet	0.02000		124	70-135	32.4	21	R
Chloroethane	0.146	0.00500	mg/kg wet	0.02000		728	17-186	2.78	99	A-01c
Chloroform	0.0232	0.00500	mg/kg wet	0.02000		116	64-134	33.9	28	R
Chloromethane	0.0425	0.00500	mg/kg wet	0.02000		213	47-143	6.77	25	A-01c
cis-1,2-Dichloroethene	0.0231	0.00500	mg/kg wet	0.02000		115	66-138	32.6	25	R
cis-1,3-Dichloropropene	0.0262	0.00500	mg/kg wet	0.02000		131	66-141	32.6	25	R
Dibromochloromethane	0.0234	0.00500	mg/kg wet	0.02000		117	70-139	24.4	25	
Dibromomethane	0.0256	0.00500	mg/kg wet	0.02000		128	76-135	30.0	23	R
Dichlorodifluoromethane	0.0520	0.00500	mg/kg wet	0.02000		260	20-181	7.89	34	A-01c
Ethylbenzene	0.0265	0.00500	mg/kg wet	0.02000		132	71-134	34.0	31	R
Iodomethane	0.00768	0.0100	mg/kg wet	0.02000		38.4	13-162	13.6	31	
Methylene Chloride	0.0560	0.00500	mg/kg wet	0.02000		280	10-195	3.93	51	A-01c, B
Methyl tert-Butyl Ether	0.0306	0.0100	mg/kg wet	0.02000		153	54-153	19.8	35	
m,p-Xylene	0.0523	0.0100	mg/kg wet	0.04000		131	70-138	33.7	31	R
n-Hexane	0.0244	0.00500	mg/kg wet	0.02000		122	10-185	8.17	60	
o-Xylene	0.0246	0.00500	mg/kg wet	0.02000		123	72-139	32.8	23	R

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031062 - VOC PREP

LCS Dup (1031062-BSD1)

Prepared & Analyzed: 07/24/10

Styrene	0.0270	0.00500	mg/kg wet	0.02000		135	71-142	30.1	22	R
Tetrachloroethene	0.0192	0.00500	mg/kg wet	0.02000		95.8	41-161	33.7	40	
Toluene	0.0236	0.00500	mg/kg wet	0.02000		118	70-136	36.3	22	R
trans-1,2-Dichloroethene	0.0170	0.00500	mg/kg wet	0.02000		85.0	36-159	30.0	24	R
trans-1,3-Dichloropropene	0.0307	0.00500	mg/kg wet	0.02000		154	64-142	32.1	20	A-01c, R
Trichloroethene	0.0186	0.00500	mg/kg wet	0.02000		93.1	65-136	33.9	23	R
Trichlorofluoromethane	0.0764	0.00500	mg/kg wet	0.02000		382	41-163	1.87	26	A-01c
Vinyl Chloride	0.0278	0.00500	mg/kg wet	0.02000		139	45-149	0.612	27	
Vinyl acetate	0.0267	0.0100	mg/kg wet	0.02000		133	10-208	23.5	77	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>41.7</i>		<i>ug/L</i>	<i>50.00</i>		<i>83.5</i>	<i>41-140</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>40.3</i>		<i>ug/L</i>	<i>50.00</i>		<i>80.6</i>	<i>33-129</i>			
<i>Surrogate: Toluene-d8</i>	<i>44.2</i>		<i>ug/L</i>	<i>50.00</i>		<i>88.3</i>	<i>44-130</i>			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>45.1</i>		<i>ug/L</i>	<i>50.00</i>		<i>90.2</i>	<i>31-123</i>			

Batch 1031248 - VOC PREP

Blank (1031248-BLK1)

Prepared: 07/25/10 Analyzed: 07/26/10

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							

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031248 - VOC PREP

Blank (1031248-BLK1)

Prepared: 07/25/10 Analyzed: 07/26/10

Carbon Disulfide	BDL	0.0200	mg/kg wet							
Carbon Tetrachloride	BDL	0.00500	mg/kg wet							
Chlorobenzene	BDL	0.00500	mg/kg wet							
Chloroethane	BDL	0.00500	mg/kg wet							
Chloroform	BDL	0.00500	mg/kg wet							
Chloromethane	BDL	0.00500	mg/kg wet							
cis-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							
cis-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Dibromochloromethane	BDL	0.00500	mg/kg wet							
Dibromomethane	BDL	0.00500	mg/kg wet							
Dichlorodifluoromethane	BDL	0.00500	mg/kg wet							
Ethylbenzene	BDL	0.00500	mg/kg wet							
Iodomethane	BDL	0.0100	mg/kg wet							
Methylene Chloride	0.00924	0.00500	mg/kg wet							O-01
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	38.9		ug/L	50.00		77.7	41-140			
Surrogate: Dibromofluoromethane	41.3		ug/L	50.00		82.6	33-129			
Surrogate: Toluene-d8	44.9		ug/L	50.00		89.8	44-130			
Surrogate: 1,2-Dichloroethane-d4	42.9		ug/L	50.00		85.8	31-123			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031248 - VOC PREP

LCS (1031248-BS1)

Prepared: 07/25/10 Analyzed: 07/26/10

1,1,1,2-Tetrachloroethane	0.0222	0.00500	mg/kg wet	0.02000		111	69-142			
1,1,1-Trichloroethane	0.0220	0.00500	mg/kg wet	0.02000		110	58-127			
1,1,2,2-Tetrachloroethane	0.0314	0.00500	mg/kg wet	0.02000		157	74-141			L
1,1,2-Trichloroethane	0.0297	0.00500	mg/kg wet	0.02000		149	73-140			L
1,1-Dichloroethane	0.0243	0.00500	mg/kg wet	0.02000		121	60-130			
1,1-Dichloroethene	0.0203	0.00500	mg/kg wet	0.02000		101	62-142			
1,1-Dichloropropene	0.0216	0.00500	mg/kg wet	0.02000		108	63-142			
1,2-Dibromoethane	0.0225	0.00500	mg/kg wet	0.02000		112	72-140			
1,2-Dichloroethane	0.0267	0.00500	mg/kg wet	0.02000		134	70-142			
1,2-Dichloropropane	0.0268	0.00500	mg/kg wet	0.02000		134	66-139			
1,3-Dichloropropane	0.0279	0.00500	mg/kg wet	0.02000		139	75-139			
2,2-Dichloropropane	0.0205	0.00500	mg/kg wet	0.02000		103	10-180			
2-Butanone	0.115	0.0200	mg/kg wet	0.08000		143	44-120			L
2-Chlorotoluene	0.0259	0.00500	mg/kg wet	0.02000		130	69-137			
2-Hexanone	0.153	0.0200	mg/kg wet	0.08000		191	10-172			L
4-Chlorotoluene	0.0241	0.00500	mg/kg wet	0.02000		120	71-140			
4-Methyl-2-pentanone	0.120	0.0200	mg/kg wet	0.08000		151	10-185			
Acetone	0.132	0.0500	mg/kg wet	0.08000		166	10-229			
Acetonitrile	0.0326	0.0400	mg/kg wet	0.02000		163	35-169			
Acrylonitrile	0.0262	0.0200	mg/kg wet	0.02000		131	64-150			
Allyl chloride	0.0201	0.0100	mg/kg wet	0.02000		100	50-149			
Benzene	0.0240	0.00500	mg/kg wet	0.02000		120	64-138			
Bromobenzene	0.0232	0.00500	mg/kg wet	0.02000		116	73-140			
Bromochloromethane	0.0187	0.00500	mg/kg wet	0.02000		93.4	72-132			
Bromodichloromethane	0.0259	0.00500	mg/kg wet	0.02000		130	72-138			
Bromoform	0.0256	0.00500	mg/kg wet	0.02000		128	70-144			
Bromomethane	0.0733	0.00500	mg/kg wet	0.02000		367	10-199			L
Carbon Disulfide	0.0109	0.0200	mg/kg wet	0.02000		54.4	38-148			
Carbon Tetrachloride	0.0187	0.00500	mg/kg wet	0.02000		93.4	49-148			
Chlorobenzene	0.0242	0.00500	mg/kg wet	0.02000		121	70-135			
Chloroethane	0.134	0.00500	mg/kg wet	0.02000		670	17-186			L
Chloroform	0.0233	0.00500	mg/kg wet	0.02000		116	64-134			
Chloromethane	0.0355	0.00500	mg/kg wet	0.02000		177	47-143			L
cis-1,2-Dichloroethene	0.0232	0.00500	mg/kg wet	0.02000		116	66-138			
cis-1,3-Dichloropropene	0.0249	0.00500	mg/kg wet	0.02000		124	66-141			
Dibromochloromethane	0.0225	0.00500	mg/kg wet	0.02000		113	70-139			
Dibromomethane	0.0255	0.00500	mg/kg wet	0.02000		127	76-135			
Dichlorodifluoromethane	0.0396	0.00500	mg/kg wet	0.02000		198	20-181			L
Ethylbenzene	0.0252	0.00500	mg/kg wet	0.02000		126	71-134			
Iodomethane	0.0117	0.0100	mg/kg wet	0.02000		58.3	13-162			
Methylene Chloride	0.0334	0.00500	mg/kg wet	0.02000		167	10-195			B
Methyl tert-Butyl Ether	0.0266	0.0100	mg/kg wet	0.02000		133	54-153			
m,p-Xylene	0.0496	0.0100	mg/kg wet	0.04000		124	70-138			
n-Hexane	0.0191	0.00500	mg/kg wet	0.02000		95.4	10-185			
o-Xylene	0.0233	0.00500	mg/kg wet	0.02000		116	72-139			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031248 - VOC PREP

LCS (1031248-BS1)

Prepared: 07/25/10 Analyzed: 07/26/10

Styrene	0.0246	0.00500	mg/kg wet	0.02000		123	71-142			
Tetrachloroethene	0.0191	0.00500	mg/kg wet	0.02000		95.6	41-161			
Toluene	0.0236	0.00500	mg/kg wet	0.02000		118	70-136			
trans-1,2-Dichloroethene	0.0179	0.00500	mg/kg wet	0.02000		89.6	36-159			
trans-1,3-Dichloropropene	0.0290	0.00500	mg/kg wet	0.02000		145	64-142			L
Trichloroethene	0.0192	0.00500	mg/kg wet	0.02000		95.9	65-136			
Trichlorofluoromethane	0.0688	0.00500	mg/kg wet	0.02000		344	41-163			L
Vinyl Chloride	0.0763	0.00500	mg/kg wet	0.02000		381	45-149			L
Vinyl acetate	0.0245	0.0100	mg/kg wet	0.02000		122	10-208			
Surrogate: 4-Bromofluorobenzene	40.7		ug/L	50.00		81.4	41-140			
Surrogate: Dibromofluoromethane	39.7		ug/L	50.00		79.3	33-129			
Surrogate: Toluene-d8	44.2		ug/L	50.00		88.4	44-130			
Surrogate: 1,2-Dichloroethane-d4	42.0		ug/L	50.00		84.0	31-123			

LCS Dup (1031248-BS1)

Prepared: 07/25/10 Analyzed: 07/26/10

1,1,1,2-Tetrachloroethane	0.0196	0.00500	mg/kg wet	0.02000		97.8	69-142	12.6	23	
1,1,1-Trichloroethane	0.0197	0.00500	mg/kg wet	0.02000		98.4	58-127	11.3	20	
1,1,2,2-Tetrachloroethane	0.0253	0.00500	mg/kg wet	0.02000		126	74-141	21.5	20	R
1,1,2-Trichloroethane	0.0247	0.00500	mg/kg wet	0.02000		124	73-140	18.4	15	R
1,1-Dichloroethane	0.0222	0.00500	mg/kg wet	0.02000		111	60-130	8.73	20	
1,1-Dichloroethene	0.0189	0.00500	mg/kg wet	0.02000		94.4	62-142	7.15	20	
1,1-Dichloropropene	0.0192	0.00500	mg/kg wet	0.02000		95.8	63-142	12.0	24	
1,2-Dibromoethane	0.0196	0.00500	mg/kg wet	0.02000		97.8	72-140	13.9	20	
1,2-Dichloroethane	0.0238	0.00500	mg/kg wet	0.02000		119	70-142	11.7	18	
1,2-Dichloropropane	0.0239	0.00500	mg/kg wet	0.02000		120	66-139	11.3	22	
1,3-Dichloropropane	0.0238	0.00500	mg/kg wet	0.02000		119	75-139	15.8	17	
2,2-Dichloropropane	0.0196	0.00500	mg/kg wet	0.02000		97.8	10-180	4.84	40	
2-Butanone	0.0950	0.0200	mg/kg wet	0.08000		119	44-120	18.7	29	
2-Chlorotoluene	0.0225	0.00500	mg/kg wet	0.02000		113	69-137	14.0	30	
2-Hexanone	0.118	0.0200	mg/kg wet	0.08000		147	10-172	26.1	40	
4-Chlorotoluene	0.0196	0.00500	mg/kg wet	0.02000		98.2	71-140	20.3	30	
4-Methyl-2-pentanone	0.0942	0.0200	mg/kg wet	0.08000		118	10-185	24.5	100	
Acetone	0.114	0.0500	mg/kg wet	0.08000		143	10-229	14.8	40	
Acetonitrile	0.0272	0.0400	mg/kg wet	0.02000		136	35-169	18.1	69	
Acrylonitrile	0.0235	0.0200	mg/kg wet	0.02000		118	64-150	10.7	34	
Allyl chloride	0.0182	0.0100	mg/kg wet	0.02000		91.1	50-149	9.66	35	
Benzene	0.0217	0.00500	mg/kg wet	0.02000		109	64-138	10.1	25	
Bromobenzene	0.0197	0.00500	mg/kg wet	0.02000		98.4	73-140	16.5	30	
Bromochloromethane	0.0169	0.00500	mg/kg wet	0.02000		84.3	72-132	10.3	25	
Bromodichloromethane	0.0226	0.00500	mg/kg wet	0.02000		113	72-138	13.5	25	
Bromoform	0.0211	0.00500	mg/kg wet	0.02000		105	70-144	19.5	30	
Bromomethane	0.0780	0.00500	mg/kg wet	0.02000		390	10-199	6.12	40	L
Carbon Disulfide	0.0100	0.0200	mg/kg wet	0.02000		50.2	38-148	8.22	36	
Carbon Tetrachloride	0.0165	0.00500	mg/kg wet	0.02000		82.6	49-148	12.2	34	
Chlorobenzene	0.0210	0.00500	mg/kg wet	0.02000		105	70-135	14.3	21	

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031248 - VOC PREP

LCS Dup (1031248-BSD1)

Prepared: 07/25/10 Analyzed: 07/26/10

Chloroethane	0.146	0.00500	mg/kg wet	0.02000		731	17-186	8.75	99	L
Chloroform	0.0208	0.00500	mg/kg wet	0.02000		104	64-134	11.2	28	
Chloromethane	0.0370	0.00500	mg/kg wet	0.02000		185	47-143	4.12	25	L
cis-1,2-Dichloroethene	0.0216	0.00500	mg/kg wet	0.02000		108	66-138	7.28	25	
cis-1,3-Dichloropropene	0.0217	0.00500	mg/kg wet	0.02000		108	66-141	13.7	25	
Dibromochloromethane	0.0189	0.00500	mg/kg wet	0.02000		94.5	70-139	17.6	25	
Dibromomethane	0.0220	0.00500	mg/kg wet	0.02000		110	76-135	14.7	23	
Dichlorodifluoromethane	0.0425	0.00500	mg/kg wet	0.02000		212	20-181	6.92	34	L
Ethylbenzene	0.0224	0.00500	mg/kg wet	0.02000		112	71-134	11.6	31	
Iodomethane	0.0109	0.0100	mg/kg wet	0.02000		54.6	13-162	6.65	31	
Methylene Chloride	0.0318	0.00500	mg/kg wet	0.02000		159	10-195	4.94	51	B
Methyl tert-Butyl Ether	0.0237	0.0100	mg/kg wet	0.02000		119	54-153	11.5	35	
m,p-Xylene	0.0439	0.0100	mg/kg wet	0.04000		110	70-138	12.2	31	
n-Hexane	0.0176	0.00500	mg/kg wet	0.02000		88.0	10-185	8.18	60	
o-Xylene	0.0203	0.00500	mg/kg wet	0.02000		101	72-139	13.7	23	
Styrene	0.0213	0.00500	mg/kg wet	0.02000		106	71-142	14.4	22	
Tetrachloroethene	0.0172	0.00500	mg/kg wet	0.02000		85.8	41-161	10.8	40	
Toluene	0.0209	0.00500	mg/kg wet	0.02000		105	70-136	12.1	22	
trans-1,2-Dichloroethene	0.0165	0.00500	mg/kg wet	0.02000		82.4	36-159	8.31	24	
trans-1,3-Dichloropropene	0.0243	0.00500	mg/kg wet	0.02000		122	64-142	17.5	20	
Trichloroethene	0.0174	0.00500	mg/kg wet	0.02000		86.9	65-136	9.85	23	
Trichlorofluoromethane	0.0771	0.00500	mg/kg wet	0.02000		386	41-163	11.4	26	L
Vinyl Chloride	0.0857	0.00500	mg/kg wet	0.02000		429	45-149	11.7	27	L
Vinyl acetate	0.0212	0.0100	mg/kg wet	0.02000		106	10-208	14.3	77	
Surrogate: 4-Bromofluorobenzene	40.8		ug/L	50.00		81.7	41-140			
Surrogate: Dibromofluoromethane	39.9		ug/L	50.00		79.8	33-129			
Surrogate: Toluene-d8	44.1		ug/L	50.00		88.2	44-130			
Surrogate: 1,2-Dichloroethane-d4	43.3		ug/L	50.00		86.7	31-123			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031248 - VOC PREP

Matrix Spike (1031248-MS1)	Source: 10G0777-07			Prepared: 07/25/10		Analyzed: 07/26/10		
1,1,1,2-Tetrachloroethane	0.0191	0.00616	mg/kg dry	0.02539	ND	75.3	38-121	
1,1,1-Trichloroethane	0.0232	0.00616	mg/kg dry	0.02539	ND	91.2	35-131	
1,1,2,2-Tetrachloroethane	0.0227	0.00616	mg/kg dry	0.02539	ND	89.6	12-144	
1,1,2-Trichloroethane	0.0253	0.00616	mg/kg dry	0.02539	ND	99.8	33-126	
1,1-Dichloroethane	0.0269	0.00616	mg/kg dry	0.02539	ND	106	44-119	
1,1-Dichloroethene	0.0226	0.00616	mg/kg dry	0.02539	ND	88.9	31-125	
1,1-Dichloropropene	0.0203	0.00616	mg/kg dry	0.02539	ND	80.0	34-126	
1,2-Dibromoethane	0.0172	0.00616	mg/kg dry	0.02539	ND	67.8	31-123	
1,2-Dichloroethane	0.0245	0.00616	mg/kg dry	0.02539	ND	96.4	48-114	
1,2-Dichloropropane	0.0261	0.00616	mg/kg dry	0.02539	ND	103	44-118	
1,3-Dichloropropane	0.0224	0.00616	mg/kg dry	0.02539	ND	88.1	31-128	
2,2-Dichloropropane	0.0221	0.00616	mg/kg dry	0.02539	ND	87.2	10-149	
2-Butanone	0.100	0.0246	mg/kg dry	0.1016	ND	98.6	10-159	
2-Chlorotoluene	0.0167	0.00616	mg/kg dry	0.02539	ND	66.0	18-108	
2-Hexanone	0.104	0.0246	mg/kg dry	0.1016	ND	102	10-194	
4-Chlorotoluene	0.0135	0.00616	mg/kg dry	0.02539	ND	53.3	10-116	
4-Methyl-2-pentanone	0.101	0.0246	mg/kg dry	0.1016	ND	99.2	10-186	
Acetone	0.145	0.0616	mg/kg dry	0.1016	0.0208	123	10-218	
Acetonitrile	0.0292	0.0493	mg/kg dry	0.02539	ND	115	22-170	
Acrylonitrile	0.0253	0.0246	mg/kg dry	0.02539	ND	99.7	22-140	
Allyl chloride	0.0176	0.0123	mg/kg dry	0.02539	ND	69.4	28-128	
Benzene	0.0243	0.00616	mg/kg dry	0.02539	ND	95.9	39-126	
Bromobenzene	0.0145	0.00616	mg/kg dry	0.02539	ND	57.2	15-109	
Bromochloromethane	0.0218	0.00616	mg/kg dry	0.02539	ND	85.9	47-124	
Bromodichloromethane	0.0192	0.00616	mg/kg dry	0.02539	ND	75.6	40-114	
Bromoform	0.0111	0.00616	mg/kg dry	0.02539	ND	43.6	19-119	
Bromomethane	0.0729	0.00616	mg/kg dry	0.02539	ND	287	10-173	M
Carbon Disulfide	0.00909	0.0246	mg/kg dry	0.02539	ND	35.8	17-133	
Carbon Tetrachloride	0.0163	0.00616	mg/kg dry	0.02539	ND	64.1	23-128	
Chlorobenzene	0.0189	0.00616	mg/kg dry	0.02539	ND	74.6	27-111	
Chloroethane	0.159	0.00616	mg/kg dry	0.02539	ND	625	17-153	M
Chloroform	0.0250	0.00616	mg/kg dry	0.02539	ND	98.5	35-130	
Chloromethane	0.0374	0.00616	mg/kg dry	0.02539	ND	147	22-139	M
cis-1,2-Dichloroethene	0.0237	0.00616	mg/kg dry	0.02539	ND	93.2	42-118	
cis-1,3-Dichloropropene	0.0172	0.00616	mg/kg dry	0.02539	ND	67.7	27-113	
Dibromochloromethane	0.0132	0.00616	mg/kg dry	0.02539	ND	51.8	29-122	
Dibromomethane	0.0266	0.00616	mg/kg dry	0.02539	ND	105	39-126	
Dichlorodifluoromethane	0.0406	0.00616	mg/kg dry	0.02539	ND	160	10-184	
Ethylbenzene	0.0210	0.00616	mg/kg dry	0.02539	ND	82.5	27-117	
Iodomethane	0.00834	0.0123	mg/kg dry	0.02539	ND	32.8	10-127	
Methylene Chloride	0.0464	0.00616	mg/kg dry	0.02539	0.0271	76.2	10-179	B
Methyl tert-Butyl Ether	0.0301	0.0123	mg/kg dry	0.02539	ND	118	38-126	
m,p-Xylene	0.0397	0.0123	mg/kg dry	0.05078	ND	78.2	26-114	
n-Hexane	0.0170	0.00616	mg/kg dry	0.02539	ND	66.8	10-122	
o-Xylene	0.0184	0.00616	mg/kg dry	0.02539	ND	72.6	28-119	

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031248 - VOC PREP

Matrix Spike (1031248-MS1)	Source: 10G0777-07			Prepared: 07/25/10 Analyzed: 07/26/10						
Styrene	0.0163	0.00616	mg/kg dry	0.02539	ND	64.2	17-104			
Tetrachloroethene	0.0153	0.00616	mg/kg dry	0.02539	ND	60.4	24-114			
Toluene	0.0234	0.00616	mg/kg dry	0.02539	ND	92.3	32-121			
trans-1,2-Dichloroethene	0.0190	0.00616	mg/kg dry	0.02539	ND	74.7	32-122			
trans-1,3-Dichloropropene	0.0188	0.00616	mg/kg dry	0.02539	ND	74.1	19-109			
Trichloroethene	0.0186	0.00616	mg/kg dry	0.02539	ND	73.4	42-109			
Trichlorofluoromethane	0.0759	0.00616	mg/kg dry	0.02539	ND	299	10-158			M
Vinyl Chloride	0.0853	0.00616	mg/kg dry	0.02539	ND	336	22-143			M
Vinyl acetate	BDL	0.0123	mg/kg dry	0.02539	ND		10-127			M
Surrogate: 4-Bromofluorobenzene	39.0		ug/L	50.00		78.1	41-140			
Surrogate: Dibromofluoromethane	40.0		ug/L	50.00		80.0	33-129			
Surrogate: Toluene-d8	44.0		ug/L	50.00		88.1	44-130			
Surrogate: 1,2-Dichloroethane-d4	42.7		ug/L	50.00		85.4	31-123			

Matrix Spike Dup (1031248-MSD1)	Source: 10G0777-07			Prepared: 07/25/10 Analyzed: 07/26/10						
1,1,1,2-Tetrachloroethane	0.0165	0.00597	mg/kg dry	0.02539	ND	64.9	38-121	14.9	50	
1,1,1-Trichloroethane	0.0210	0.00597	mg/kg dry	0.02539	ND	82.7	35-131	9.78	60	
1,1,2,2-Tetrachloroethane	0.0183	0.00597	mg/kg dry	0.02539	ND	72.2	12-144	21.5	51	
1,1,2-Trichloroethane	0.0213	0.00597	mg/kg dry	0.02539	ND	83.8	33-126	17.4	46	
1,1-Dichloroethane	0.0232	0.00597	mg/kg dry	0.02539	ND	91.4	44-119	14.6	48	
1,1-Dichloroethene	0.0207	0.00597	mg/kg dry	0.02539	ND	81.4	31-125	8.80	61	
1,1-Dichloropropene	0.0191	0.00597	mg/kg dry	0.02539	ND	75.2	34-126	6.28	81	
1,2-Dibromoethane	0.0143	0.00597	mg/kg dry	0.02539	ND	56.2	31-123	18.6	56	
1,2-Dichloroethane	0.0206	0.00597	mg/kg dry	0.02539	ND	81.3	48-114	17.0	40	
1,2-Dichloropropane	0.0225	0.00597	mg/kg dry	0.02539	ND	88.7	44-118	14.8	48	
1,3-Dichloropropane	0.0189	0.00597	mg/kg dry	0.02539	ND	74.4	31-128	17.0	50	
2,2-Dichloropropane	0.0208	0.00597	mg/kg dry	0.02539	ND	81.7	10-149	6.48	50	
2-Butanone	0.0981	0.0239	mg/kg dry	0.1016	ND	96.6	10-159	1.96	60	
2-Chlorotoluene	0.0154	0.00597	mg/kg dry	0.02539	ND	60.7	18-108	8.34	75	
2-Hexanone	0.0935	0.0239	mg/kg dry	0.1016	ND	92.0	10-194	10.7	58	
4-Chlorotoluene	0.0123	0.00597	mg/kg dry	0.02539	ND	48.6	10-116	9.14	80	
4-Methyl-2-pentanone	0.0935	0.0239	mg/kg dry	0.1016	ND	92.1	10-186	7.51	60	
Acetone	0.151	0.0597	mg/kg dry	0.1016	0.0208	129	10-218	3.99	60	
Acetonitrile	0.0306	0.0477	mg/kg dry	0.02539	ND	121	22-170	4.51	70	
Acrylonitrile	0.0259	0.0239	mg/kg dry	0.02539	ND	102	22-140	2.44	69	
Allyl chloride	0.0158	0.0119	mg/kg dry	0.02539	ND	62.3	28-128	10.8	68	
Benzene	0.0210	0.00597	mg/kg dry	0.02539	ND	82.7	39-126	14.8	61	
Bromobenzene	0.0120	0.00597	mg/kg dry	0.02539	ND	47.3	15-109	19.0	50	
Bromochloromethane	0.0182	0.00597	mg/kg dry	0.02539	ND	71.7	47-124	18.0	48	
Bromodichloromethane	0.0172	0.00597	mg/kg dry	0.02539	ND	67.7	40-114	10.9	49	
Bromoform	0.00907	0.00597	mg/kg dry	0.02539	ND	35.7	19-119	20.0	63	
Bromomethane	0.0732	0.00597	mg/kg dry	0.02539	ND	288	10-173	0.425	40	M
Carbon Disulfide	0.00871	0.0239	mg/kg dry	0.02539	ND	34.3	17-133	4.23	74	
Carbon Tetrachloride	0.0166	0.00597	mg/kg dry	0.02539	ND	65.3	23-128	1.95	60	
Chlorobenzene	0.0164	0.00597	mg/kg dry	0.02539	ND	64.6	27-111	14.5	50	

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031248 - VOC PREP

Matrix Spike Dup (1031248-MSD1)

Source: 10G0777-07

Prepared: 07/25/10 Analyzed: 07/26/10

Chloroethane	0.161	0.00597	mg/kg dry	0.02539	ND	635	17-153	1.51	75	M
Chloroform	0.0216	0.00597	mg/kg dry	0.02539	ND	85.1	35-130	14.6	52	
Chloromethane	0.0385	0.00597	mg/kg dry	0.02539	ND	152	22-139	2.93	42	M
cis-1,2-Dichloroethene	0.0204	0.00597	mg/kg dry	0.02539	ND	80.2	42-118	15.0	63	
cis-1,3-Dichloropropene	0.0145	0.00597	mg/kg dry	0.02539	ND	57.2	27-113	16.8	50	
Dibromochloromethane	0.0112	0.00597	mg/kg dry	0.02539	ND	44.3	29-122	15.8	59	
Dibromomethane	0.0225	0.00597	mg/kg dry	0.02539	ND	88.6	39-126	16.8	48	
Dichlorodifluoromethane	0.0423	0.00597	mg/kg dry	0.02539	ND	166	10-184	3.97	108	
Ethylbenzene	0.0193	0.00597	mg/kg dry	0.02539	ND	76.2	27-117	8.01	40	
Iodomethane	0.00804	0.0119	mg/kg dry	0.02539	ND	31.7	10-127	3.59	50	
Methylene Chloride	0.0424	0.00597	mg/kg dry	0.02539	0.0271	60.2	10-179	9.12	58	B
Methyl tert-Butyl Ether	0.0278	0.0119	mg/kg dry	0.02539	ND	109	38-126	7.88	50	
m,p-Xylene	0.0367	0.0119	mg/kg dry	0.05078	ND	72.3	26-114	7.84	40	
n-Hexane	0.0167	0.00597	mg/kg dry	0.02539	ND	65.8	10-122	1.41	70	
o-Xylene	0.0166	0.00597	mg/kg dry	0.02539	ND	65.2	28-119	10.7	40	
Styrene	0.0140	0.00597	mg/kg dry	0.02539	ND	55.0	17-104	15.5	40	
Tetrachloroethene	0.0155	0.00597	mg/kg dry	0.02539	ND	61.0	24-114	0.870	50	
Toluene	0.0210	0.00597	mg/kg dry	0.02539	ND	82.9	32-121	10.8	40	
trans-1,2-Dichloroethene	0.0172	0.00597	mg/kg dry	0.02539	ND	67.9	32-122	9.50	50	
trans-1,3-Dichloropropene	0.0154	0.00597	mg/kg dry	0.02539	ND	60.7	19-109	19.8	51	
Trichloroethene	0.0169	0.00597	mg/kg dry	0.02539	ND	66.6	42-109	9.69	38	
Trichlorofluoromethane	0.0778	0.00597	mg/kg dry	0.02539	ND	306	10-158	2.39	120	M
Vinyl Chloride	0.0877	0.00597	mg/kg dry	0.02539	ND	345	22-143	2.81	60	M
Vinyl acetate	BDL	0.0119	mg/kg dry	0.02539	ND		10-127		119	M
Surrogate: 4-Bromofluorobenzene	38.8		ug/L	50.00		77.6	41-140			
Surrogate: Dibromofluoromethane	40.8		ug/L	50.00		81.7	33-129			
Surrogate: Toluene-d8	43.9		ug/L	50.00		87.7	44-130			
Surrogate: 1,2-Dichloroethane-d4	44.2		ug/L	50.00		88.4	31-123			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031251 - VOC PREP

Blank (1031251-BLK1)

Prepared & Analyzed: 07/26/10

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							
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	0.0243	0.00500	mg/kg wet							O-01
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: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031251 - VOC PREP

Blank (1031251-BLK1)

Prepared & Analyzed: 07/26/10

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>	38.4		ug/L	50.00		76.8	41-140			
<i>Surrogate: Dibromofluoromethane</i>	42.3		ug/L	50.00		84.5	33-129			
<i>Surrogate: Toluene-d8</i>	45.0		ug/L	50.00		89.9	44-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	44.6		ug/L	50.00		89.3	31-123			

LCS (1031251-BS1)

Prepared & Analyzed: 07/26/10

1,1,1,2-Tetrachloroethane	0.0228	0.00500	mg/kg wet	0.02000		114	69-142			
1,1,1-Trichloroethane	0.0233	0.00500	mg/kg wet	0.02000		117	58-127			
1,1,2,2-Tetrachloroethane	0.0278	0.00500	mg/kg wet	0.02000		139	74-141			
1,1,2-Trichloroethane	0.0284	0.00500	mg/kg wet	0.02000		142	73-140			L
1,1-Dichloroethane	0.0265	0.00500	mg/kg wet	0.02000		133	60-130			L
1,1-Dichloroethene	0.0228	0.00500	mg/kg wet	0.02000		114	62-142			
1,1-Dichloropropene	0.0228	0.00500	mg/kg wet	0.02000		114	63-142			
1,2-Dibromoethane	0.0214	0.00500	mg/kg wet	0.02000		107	72-140			
1,2-Dichloroethane	0.0253	0.00500	mg/kg wet	0.02000		127	70-142			
1,2-Dichloropropane	0.0273	0.00500	mg/kg wet	0.02000		136	66-139			
1,3-Dichloropropane	0.0266	0.00500	mg/kg wet	0.02000		133	75-139			
2,2-Dichloropropane	0.0247	0.00500	mg/kg wet	0.02000		124	10-180			
2-Butanone	0.108	0.0200	mg/kg wet	0.08000		135	44-120			L
2-Chlorotoluene	0.0271	0.00500	mg/kg wet	0.02000		135	69-137			
2-Hexanone	0.129	0.0200	mg/kg wet	0.08000		162	10-172			
4-Chlorotoluene	0.0259	0.00500	mg/kg wet	0.02000		129	71-140			
4-Methyl-2-pentanone	0.113	0.0200	mg/kg wet	0.08000		142	10-185			
Acetone	0.127	0.0500	mg/kg wet	0.08000		159	10-229			
Acetonitrile	0.0272	0.0400	mg/kg wet	0.02000		136	35-169			
Acrylonitrile	0.0273	0.0200	mg/kg wet	0.02000		137	64-150			
Allyl chloride	0.0237	0.0100	mg/kg wet	0.02000		118	50-149			
Benzene	0.0256	0.00500	mg/kg wet	0.02000		128	64-138			
Bromobenzene	0.0233	0.00500	mg/kg wet	0.02000		116	73-140			
Bromochloromethane	0.0198	0.00500	mg/kg wet	0.02000		99.0	72-132			
Bromodichloromethane	0.0266	0.00500	mg/kg wet	0.02000		133	72-138			
Bromoform	0.0238	0.00500	mg/kg wet	0.02000		119	70-144			
Bromomethane	0.0919	0.00500	mg/kg wet	0.02000		460	10-199			L
Carbon Disulfide	0.0124	0.0200	mg/kg wet	0.02000		62.0	38-148			
Carbon Tetrachloride	0.0201	0.00500	mg/kg wet	0.02000		100	49-148			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031251 - VOC PREP

LCS (1031251-BS1)

Prepared & Analyzed: 07/26/10

Chlorobenzene	0.0256	0.00500	mg/kg wet	0.02000		128	70-135			
Chloroethane	0.161	0.00500	mg/kg wet	0.02000		804	17-186			L
Chloroform	0.0251	0.00500	mg/kg wet	0.02000		125	64-134			
Chloromethane	0.0510	0.00500	mg/kg wet	0.02000		255	47-143			L
cis-1,2-Dichloroethene	0.0248	0.00500	mg/kg wet	0.02000		124	66-138			
cis-1,3-Dichloropropene	0.0258	0.00500	mg/kg wet	0.02000		129	66-141			
Dibromochloromethane	0.0218	0.00500	mg/kg wet	0.02000		109	70-139			
Dibromomethane	0.0244	0.00500	mg/kg wet	0.02000		122	76-135			
Dichlorodifluoromethane	0.0637	0.00500	mg/kg wet	0.02000		318	20-181			L
Ethylbenzene	0.0271	0.00500	mg/kg wet	0.02000		136	71-134			A-01a
Iodomethane	0.0145	0.0100	mg/kg wet	0.02000		72.6	13-162			
Methylene Chloride	0.0633	0.00500	mg/kg wet	0.02000		317	10-195			L, B
Methyl tert-Butyl Ether	0.0266	0.0100	mg/kg wet	0.02000		133	54-153			
m,p-Xylene	0.0526	0.0100	mg/kg wet	0.04000		132	70-138			
n-Hexane	0.0349	0.00500	mg/kg wet	0.02000		175	10-185			
o-Xylene	0.0248	0.00500	mg/kg wet	0.02000		124	72-139			
Styrene	0.0263	0.00500	mg/kg wet	0.02000		132	71-142			
Tetrachloroethene	0.0210	0.00500	mg/kg wet	0.02000		105	41-161			
Toluene	0.0251	0.00500	mg/kg wet	0.02000		125	70-136			
trans-1,2-Dichloroethene	0.0212	0.00500	mg/kg wet	0.02000		106	36-159			
trans-1,3-Dichloropropene	0.0287	0.00500	mg/kg wet	0.02000		144	64-142			L
Trichloroethene	0.0211	0.00500	mg/kg wet	0.02000		106	65-136			
Trichlorofluoromethane	0.0801	0.00500	mg/kg wet	0.02000		401	41-163			L
Vinyl Chloride	0.0956	0.00500	mg/kg wet	0.02000		478	45-149			L
Vinyl acetate	0.0256	0.0100	mg/kg wet	0.02000		128	10-208			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>39.7</i>		<i>ug/L</i>	<i>50.00</i>		<i>79.4</i>	<i>41-140</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>41.1</i>		<i>ug/L</i>	<i>50.00</i>		<i>82.2</i>	<i>33-129</i>			
<i>Surrogate: Toluene-d8</i>	<i>43.2</i>		<i>ug/L</i>	<i>50.00</i>		<i>86.3</i>	<i>44-130</i>			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>47.8</i>		<i>ug/L</i>	<i>50.00</i>		<i>95.7</i>	<i>31-123</i>			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1031251 - VOC PREP										
LCS Dup (1031251-BSD1)										
					Prepared & Analyzed: 07/26/10					
1,1,1,2-Tetrachloroethane	0.0221	0.00500	mg/kg wet	0.02000		110	69-142	3.07	23	
1,1,1-Trichloroethane	0.0217	0.00500	mg/kg wet	0.02000		109	58-127	6.97	20	
1,1,2,2-Tetrachloroethane	0.0262	0.00500	mg/kg wet	0.02000		131	74-141	5.78	20	
1,1,2-Trichloroethane	0.0276	0.00500	mg/kg wet	0.02000		138	73-140	3.00	15	
1,1-Dichloroethane	0.0247	0.00500	mg/kg wet	0.02000		124	60-130	7.03	20	
1,1-Dichloroethene	0.0204	0.00500	mg/kg wet	0.02000		102	62-142	10.9	20	
1,1-Dichloropropene	0.0215	0.00500	mg/kg wet	0.02000		107	63-142	6.05	24	
1,2-Dibromoethane	0.0207	0.00500	mg/kg wet	0.02000		104	72-140	3.28	20	
1,2-Dichloroethane	0.0243	0.00500	mg/kg wet	0.02000		122	70-142	3.99	18	
1,2-Dichloropropane	0.0262	0.00500	mg/kg wet	0.02000		131	66-139	3.89	22	
1,3-Dichloropropane	0.0257	0.00500	mg/kg wet	0.02000		128	75-139	3.75	17	
2,2-Dichloropropane	0.0233	0.00500	mg/kg wet	0.02000		116	10-180	5.87	40	
2-Butanone	0.0959	0.0200	mg/kg wet	0.08000		120	44-120	11.6	29	
2-Chlorotoluene	0.0273	0.00500	mg/kg wet	0.02000		136	69-137	0.736	30	
2-Hexanone	0.118	0.0200	mg/kg wet	0.08000		147	10-172	9.45	40	
4-Chlorotoluene	0.0253	0.00500	mg/kg wet	0.02000		127	71-140	2.23	30	
4-Methyl-2-pentanone	0.0981	0.0200	mg/kg wet	0.08000		123	10-185	14.5	100	
Acetone	0.108	0.0500	mg/kg wet	0.08000		135	10-229	16.4	40	
Acetonitrile	0.0239	0.0400	mg/kg wet	0.02000		119	35-169	13.0	69	
Acrylonitrile	0.0238	0.0200	mg/kg wet	0.02000		119	64-150	13.8	34	
Allyl chloride	0.0205	0.0100	mg/kg wet	0.02000		103	50-149	14.2	35	
Benzene	0.0240	0.00500	mg/kg wet	0.02000		120	64-138	6.73	25	
Bromobenzene	0.0233	0.00500	mg/kg wet	0.02000		117	73-140	0.257	30	
Bromochloromethane	0.0182	0.00500	mg/kg wet	0.02000		91.0	72-132	8.42	25	
Bromodichloromethane	0.0254	0.00500	mg/kg wet	0.02000		127	72-138	4.61	25	
Bromoform	0.0231	0.00500	mg/kg wet	0.02000		116	70-144	2.86	30	
Bromomethane	0.0948	0.00500	mg/kg wet	0.02000		474	10-199	3.11	40	L
Carbon Disulfide	0.0112	0.0200	mg/kg wet	0.02000		55.9	38-148	10.3	36	
Carbon Tetrachloride	0.0181	0.00500	mg/kg wet	0.02000		90.5	49-148	10.3	34	
Chlorobenzene	0.0253	0.00500	mg/kg wet	0.02000		127	70-135	1.14	21	
Chloroethane	0.151	0.00500	mg/kg wet	0.02000		753	17-186	6.50	99	L
Chloroform	0.0237	0.00500	mg/kg wet	0.02000		118	64-134	5.66	28	
Chloromethane	0.0393	0.00500	mg/kg wet	0.02000		197	47-143	25.8	25	L, R
cis-1,2-Dichloroethene	0.0233	0.00500	mg/kg wet	0.02000		117	66-138	6.15	25	
cis-1,3-Dichloropropene	0.0246	0.00500	mg/kg wet	0.02000		123	66-141	4.64	25	
Dibromochloromethane	0.0214	0.00500	mg/kg wet	0.02000		107	70-139	1.94	25	
Dibromomethane	0.0229	0.00500	mg/kg wet	0.02000		114	76-135	6.55	23	
Dichlorodifluoromethane	0.0539	0.00500	mg/kg wet	0.02000		270	20-181	16.6	34	L
Ethylbenzene	0.0269	0.00500	mg/kg wet	0.02000		134	71-134	0.926	31	
Iodomethane	0.0125	0.0100	mg/kg wet	0.02000		62.4	13-162	15.1	31	
Methylene Chloride	0.0563	0.00500	mg/kg wet	0.02000		281	10-195	11.8	51	L, B
Methyl tert-Butyl Ether	0.0242	0.0100	mg/kg wet	0.02000		121	54-153	9.56	35	
m,p-Xylene	0.0529	0.0100	mg/kg wet	0.04000		132	70-138	0.474	31	
n-Hexane	0.0342	0.00500	mg/kg wet	0.02000		171	10-185	2.17	60	
o-Xylene	0.0246	0.00500	mg/kg wet	0.02000		123	72-139	1.21	23	

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031251 - VOC PREP

LCS Dup (1031251-BSD1)

Prepared & Analyzed: 07/26/10

Styrene	0.0259	0.00500	mg/kg wet	0.02000		129	71-142	1.80	22	
Tetrachloroethene	0.0204	0.00500	mg/kg wet	0.02000		102	41-161	2.51	40	
Toluene	0.0244	0.00500	mg/kg wet	0.02000		122	70-136	2.51	22	
trans-1,2-Dichloroethene	0.0191	0.00500	mg/kg wet	0.02000		95.4	36-159	10.5	24	
trans-1,3-Dichloropropene	0.0277	0.00500	mg/kg wet	0.02000		138	64-142	3.73	20	
Trichloroethene	0.0197	0.00500	mg/kg wet	0.02000		98.4	65-136	6.96	23	
Trichlorofluoromethane	0.0734	0.00500	mg/kg wet	0.02000		367	41-163	8.77	26	L
Vinyl Chloride	0.0880	0.00500	mg/kg wet	0.02000		440	45-149	8.30	27	L
Vinyl acetate	0.0233	0.0100	mg/kg wet	0.02000		116	10-208	9.61	77	
Surrogate: 4-Bromofluorobenzene	40.2		ug/L	50.00		80.4	41-140			
Surrogate: Dibromofluoromethane	39.8		ug/L	50.00		79.5	33-129			
Surrogate: Toluene-d8	43.8		ug/L	50.00		87.6	44-130			
Surrogate: 1,2-Dichloroethane-d4	45.3		ug/L	50.00		90.6	31-123			

Matrix Spike (1031251-MS1)

Source: 10G0848-01

Prepared & Analyzed: 07/26/10

1,1,1,2-Tetrachloroethane	0.0169	0.00519	mg/kg dry	0.02504	ND	67.7	38-121			
1,1,1-Trichloroethane	0.0205	0.00519	mg/kg dry	0.02504	ND	81.7	35-131			
1,1,2,2-Tetrachloroethane	0.0208	0.00519	mg/kg dry	0.02504	ND	83.2	12-144			
1,1,2-Trichloroethane	0.0239	0.00519	mg/kg dry	0.02504	ND	95.7	33-126			
1,1-Dichloroethane	0.0237	0.00519	mg/kg dry	0.02504	ND	94.6	44-119			
1,1-Dichloroethene	0.0195	0.00519	mg/kg dry	0.02504	ND	78.0	31-125			
1,1-Dichloropropene	0.0200	0.00519	mg/kg dry	0.02504	ND	79.9	34-126			
1,2-Dibromoethane	0.0172	0.00519	mg/kg dry	0.02504	ND	68.7	31-123			
1,2-Dichloroethane	0.0209	0.00519	mg/kg dry	0.02504	ND	83.6	48-114			
1,2-Dichloropropane	0.0235	0.00519	mg/kg dry	0.02504	ND	93.7	44-118			
1,3-Dichloropropane	0.0211	0.00519	mg/kg dry	0.02504	ND	84.4	31-128			
2,2-Dichloropropane	0.0221	0.00519	mg/kg dry	0.02504	ND	88.2	10-149			
2-Butanone	0.112	0.0208	mg/kg dry	0.1001	ND	112	10-159			
2-Chlorotoluene	0.0196	0.00519	mg/kg dry	0.02504	ND	78.4	18-108			
2-Hexanone	0.123	0.0208	mg/kg dry	0.1001	ND	123	10-194			
4-Chlorotoluene	0.0164	0.00519	mg/kg dry	0.02504	ND	65.7	10-116			
4-Methyl-2-pentanone	0.0987	0.0208	mg/kg dry	0.1001	ND	98.6	10-186			
Acetone	0.141	0.0519	mg/kg dry	0.1001	ND	141	10-218			
Acetonitrile	0.0267	0.0416	mg/kg dry	0.02504	ND	107	22-170			
Acrylonitrile	0.0264	0.0208	mg/kg dry	0.02504	ND	106	22-140			
Allyl chloride	0.0192	0.0104	mg/kg dry	0.02504	ND	76.6	28-128			
Benzene	0.0253	0.00519	mg/kg dry	0.02504	0.00482	81.6	39-126			
Bromobenzene	0.0154	0.00519	mg/kg dry	0.02504	ND	61.4	15-109			
Bromochloromethane	0.0160	0.00519	mg/kg dry	0.02504	ND	63.9	47-124			
Bromodichloromethane	0.0213	0.00519	mg/kg dry	0.02504	ND	85.0	40-114			
Bromoform	0.0163	0.00519	mg/kg dry	0.02504	ND	65.1	19-119			
Bromomethane	0.0594	0.00519	mg/kg dry	0.02504	ND	237	10-173			M
Carbon Disulfide	0.0106	0.0208	mg/kg dry	0.02504	ND	42.2	17-133			
Carbon Tetrachloride	0.0170	0.00519	mg/kg dry	0.02504	ND	67.8	23-128			
Chlorobenzene	0.0191	0.00519	mg/kg dry	0.02504	ND	76.3	27-111			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031251 - VOC PREP

Matrix Spike (1031251-MS1)	Source: 10G0848-01			Prepared & Analyzed: 07/26/10						
Chloroethane	0.160	0.00519	mg/kg dry	0.02504	ND	640	17-153			M
Chloroform	0.0220	0.00519	mg/kg dry	0.02504	ND	87.9	35-130			
Chloromethane	0.0410	0.00519	mg/kg dry	0.02504	ND	164	22-139			M
cis-1,2-Dichloroethene	0.0216	0.00519	mg/kg dry	0.02504	ND	86.2	42-118			
cis-1,3-Dichloropropene	0.0199	0.00519	mg/kg dry	0.02504	ND	79.7	27-113			
Dibromochloromethane	0.0162	0.00519	mg/kg dry	0.02504	ND	64.6	29-122			
Dibromomethane	0.0204	0.00519	mg/kg dry	0.02504	ND	81.7	39-126			
Dichlorodifluoromethane	0.0556	0.00519	mg/kg dry	0.02504	ND	222	10-184			M
Ethylbenzene	0.0226	0.00519	mg/kg dry	0.02504	0.00157	83.8	27-117			
Iodomethane	0.00720	0.0104	mg/kg dry	0.02504	ND	28.8	10-127			
Methylene Chloride	0.0324	0.00519	mg/kg dry	0.02504	ND	129	10-179			B
Methyl tert-Butyl Ether	0.0224	0.0104	mg/kg dry	0.02504	ND	89.4	38-126			
m,p-Xylene	0.0440	0.0104	mg/kg dry	0.05007	0.00248	82.9	26-114			
n-Hexane	0.0349	0.00519	mg/kg dry	0.02504	0.0219	51.9	10-122			
o-Xylene	0.0194	0.00519	mg/kg dry	0.02504	ND	77.6	28-119			
Styrene	0.0184	0.00519	mg/kg dry	0.02504	ND	73.6	17-104			
Tetrachloroethene	0.0164	0.00519	mg/kg dry	0.02504	ND	65.4	24-114			
Toluene	0.0271	0.00519	mg/kg dry	0.02504	0.00747	78.6	32-121			
trans-1,2-Dichloroethene	0.0179	0.00519	mg/kg dry	0.02504	ND	71.5	32-122			
trans-1,3-Dichloropropene	0.0218	0.00519	mg/kg dry	0.02504	ND	87.1	19-109			
Trichloroethene	0.0171	0.00519	mg/kg dry	0.02504	ND	68.3	42-109			
Trichlorofluoromethane	0.0831	0.00519	mg/kg dry	0.02504	ND	332	10-158			M
Vinyl Chloride	0.0919	0.00519	mg/kg dry	0.02504	ND	367	22-143			M
Vinyl acetate	0.0214	0.0104	mg/kg dry	0.02504	ND	85.7	10-127			
Surrogate: 4-Bromofluorobenzene	40.6		ug/L	50.00		81.3	41-140			
Surrogate: Dibromofluoromethane	41.6		ug/L	50.00		83.1	33-129			
Surrogate: Toluene-d8	44.1		ug/L	50.00		88.2	44-130			
Surrogate: 1,2-Dichloroethane-d4	48.5		ug/L	50.00		96.9	31-123			

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 Project: Piqua-2

Lab Order: 10G0768

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 1031251 - VOC PREP										
Matrix Spike Dup (1031251-MSD1)		Source: 10G0848-01			Prepared & Analyzed: 07/26/10					
1,1,1,2-Tetrachloroethane	0.0132	0.00451	mg/kg dry	0.02504	ND	52.7	38-121	24.9	50	
1,1,1-Trichloroethane	0.0163	0.00451	mg/kg dry	0.02504	ND	65.3	35-131	22.4	60	
1,1,2,2-Tetrachloroethane	0.0182	0.00451	mg/kg dry	0.02504	ND	72.5	12-144	13.7	51	
1,1,2-Trichloroethane	0.0210	0.00451	mg/kg dry	0.02504	ND	84.0	33-126	12.9	46	
1,1-Dichloroethane	0.0185	0.00451	mg/kg dry	0.02504	ND	73.9	44-119	24.6	48	
1,1-Dichloroethene	0.0157	0.00451	mg/kg dry	0.02504	ND	62.5	31-125	22.0	61	
1,1-Dichloropropene	0.0159	0.00451	mg/kg dry	0.02504	ND	63.6	34-126	22.7	81	
1,2-Dibromoethane	0.0144	0.00451	mg/kg dry	0.02504	ND	57.6	31-123	17.6	56	
1,2-Dichloroethane	0.0175	0.00451	mg/kg dry	0.02504	ND	70.0	48-114	17.7	40	
1,2-Dichloropropane	0.0185	0.00451	mg/kg dry	0.02504	ND	73.8	44-118	23.7	48	
1,3-Dichloropropane	0.0177	0.00451	mg/kg dry	0.02504	ND	70.8	31-128	17.5	50	
2,2-Dichloropropane	0.0172	0.00451	mg/kg dry	0.02504	ND	68.5	10-149	25.1	50	
2-Butanone	0.0941	0.0180	mg/kg dry	0.1001	ND	94.0	10-159	17.6	60	
2-Chlorotoluene	0.0148	0.00451	mg/kg dry	0.02504	ND	59.2	18-108	27.8	75	
2-Hexanone	0.106	0.0180	mg/kg dry	0.1001	ND	106	10-194	14.7	58	
4-Chlorotoluene	0.0122	0.00451	mg/kg dry	0.02504	ND	48.9	10-116	29.3	80	
4-Methyl-2-pentanone	0.0841	0.0180	mg/kg dry	0.1001	ND	84.0	10-186	16.0	60	
Acetone	0.123	0.0451	mg/kg dry	0.1001	ND	122	10-218	14.2	60	
Acetonitrile	0.0224	0.0361	mg/kg dry	0.02504	ND	89.6	22-170	17.3	70	
Acrylonitrile	0.0233	0.0180	mg/kg dry	0.02504	ND	93.0	22-140	12.7	69	
Allyl chloride	0.0149	0.00901	mg/kg dry	0.02504	ND	59.4	28-128	25.3	68	
Benzene	0.0195	0.00451	mg/kg dry	0.02504	0.00482	58.8	39-126	25.5	61	
Bromobenzene	0.0127	0.00451	mg/kg dry	0.02504	ND	50.8	15-109	19.0	50	
Bromochloromethane	0.0135	0.00451	mg/kg dry	0.02504	ND	53.8	47-124	17.1	48	
Bromodichloromethane	0.0170	0.00451	mg/kg dry	0.02504	ND	68.0	40-114	22.2	49	
Bromoform	0.0142	0.00451	mg/kg dry	0.02504	ND	56.7	19-119	13.8	63	
Bromomethane	0.0549	0.00451	mg/kg dry	0.02504	ND	219	10-173	7.86	40	M
Carbon Disulfide	0.00865	0.0180	mg/kg dry	0.02504	ND	34.6	17-133	19.8	74	
Carbon Tetrachloride	0.0134	0.00451	mg/kg dry	0.02504	ND	53.7	23-128	23.3	60	
Chlorobenzene	0.0150	0.00451	mg/kg dry	0.02504	ND	60.1	27-111	23.8	50	
Chloroethane	0.135	0.00451	mg/kg dry	0.02504	ND	539	17-153	17.2	75	M
Chloroform	0.0175	0.00451	mg/kg dry	0.02504	ND	69.9	35-130	22.7	52	
Chloromethane	0.0357	0.00451	mg/kg dry	0.02504	ND	143	22-139	13.7	42	M
cis-1,2-Dichloroethene	0.0166	0.00451	mg/kg dry	0.02504	ND	66.3	42-118	26.1	63	
cis-1,3-Dichloropropene	0.0164	0.00451	mg/kg dry	0.02504	ND	65.7	27-113	19.3	50	
Dibromochloromethane	0.0133	0.00451	mg/kg dry	0.02504	ND	53.1	29-122	19.5	59	
Dibromomethane	0.0166	0.00451	mg/kg dry	0.02504	ND	66.1	39-126	21.0	48	
Dichlorodifluoromethane	0.0472	0.00451	mg/kg dry	0.02504	ND	189	10-184	16.3	108	M
Ethylbenzene	0.0179	0.00451	mg/kg dry	0.02504	0.00157	65.2	27-117	23.0	40	
Iodomethane	0.00698	0.00901	mg/kg dry	0.02504	ND	27.9	10-127	3.03	50	
Methylene Chloride	0.0262	0.00451	mg/kg dry	0.02504	ND	105	10-179	21.1	58	B
Methyl tert-Butyl Ether	0.0182	0.00901	mg/kg dry	0.02504	ND	72.5	38-126	20.9	50	
m,p-Xylene	0.0339	0.00901	mg/kg dry	0.05007	0.00248	62.8	26-114	25.9	40	
n-Hexane	0.0323	0.00451	mg/kg dry	0.02504	0.0219	41.6	10-122	7.69	70	
o-Xylene	0.0152	0.00451	mg/kg dry	0.02504	ND	60.7	28-119	24.5	40	

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1031251 - VOC PREP

Matrix Spike Dup (1031251-MSD1)	Source: 10G0848-01			Prepared & Analyzed: 07/26/10						
Styrene	0.0142	0.00451	mg/kg dry	0.02504	ND	56.8	17-104	25.7	40	
Tetrachloroethene	0.0127	0.00451	mg/kg dry	0.02504	ND	50.8	24-114	25.1	50	
Toluene	0.0211	0.00451	mg/kg dry	0.02504	0.00747	54.4	32-121	25.1	40	
trans-1,2-Dichloroethene	0.0140	0.00451	mg/kg dry	0.02504	ND	55.8	32-122	24.7	50	
trans-1,3-Dichloropropene	0.0178	0.00451	mg/kg dry	0.02504	ND	71.1	19-109	20.2	51	
Trichloroethene	0.0133	0.00451	mg/kg dry	0.02504	ND	53.3	42-109	24.7	38	
Trichlorofluoromethane	0.0685	0.00451	mg/kg dry	0.02504	ND	274	10-158	19.3	120	M
Vinyl Chloride	0.0780	0.00451	mg/kg dry	0.02504	ND	311	22-143	16.4	60	M
Vinyl acetate	0.0187	0.00901	mg/kg dry	0.02504	ND	74.7	10-127	13.6	119	
Surrogate: 4-Bromofluorobenzene	41.0		ug/L	50.00		81.9	41-140			
Surrogate: Dibromofluoromethane	41.2		ug/L	50.00		82.5	33-129			
Surrogate: Toluene-d8	44.4		ug/L	50.00		88.8	44-130			
Surrogate: 1,2-Dichloroethane-d4	46.9		ug/L	50.00		93.9	31-123			

Batch 1032039 - VOC PREP

Blank (1032039-BLK1)	Prepared & Analyzed: 07/27/10									
1,1,1,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,1-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1,2,2-Tetrachloroethane	BDL	0.00500	mg/kg wet							
1,1,2-Trichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethane	BDL	0.00500	mg/kg wet							
1,1-Dichloroethene	BDL	0.00500	mg/kg wet							
1,1-Dichloropropene	BDL	0.00500	mg/kg wet							
1,2-Dibromoethane	BDL	0.00500	mg/kg wet							
1,2-Dichloroethane	BDL	0.00500	mg/kg wet							
1,2-Dichloropropane	BDL	0.00500	mg/kg wet							
1,3-Dichloropropane	BDL	0.00500	mg/kg wet							
2,2-Dichloropropane	BDL	0.00500	mg/kg wet							
2-Butanone	BDL	0.0200	mg/kg wet							
2-Chlorotoluene	BDL	0.00500	mg/kg wet							
2-Hexanone	BDL	0.0200	mg/kg wet							
4-Chlorotoluene	BDL	0.00500	mg/kg wet							
4-Methyl-2-pentanone	BDL	0.0200	mg/kg wet							
Acetone	BDL	0.0500	mg/kg wet							
Acetonitrile	BDL	0.0400	mg/kg wet							
Acrolein	BDL	0.0200	mg/kg wet							
Acrylonitrile	BDL	0.0200	mg/kg wet							
Allyl chloride	BDL	0.0100	mg/kg wet							
Benzene	BDL	0.00500	mg/kg wet							
Bromobenzene	BDL	0.00500	mg/kg wet							
Bromochloromethane	BDL	0.00500	mg/kg wet							
Bromodichloromethane	BDL	0.00500	mg/kg wet							
Bromoform	BDL	0.00500	mg/kg wet							
Bromomethane	BDL	0.00500	mg/kg wet							

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1032039 - VOC PREP

Blank (1032039-BLK1)

Prepared & Analyzed: 07/27/10

Carbon Disulfide	BDL	0.0200	mg/kg wet							
Carbon Tetrachloride	BDL	0.00500	mg/kg wet							
Chlorobenzene	BDL	0.00500	mg/kg wet							
Chloroethane	BDL	0.00500	mg/kg wet							
Chloroform	BDL	0.00500	mg/kg wet							
Chloromethane	BDL	0.00500	mg/kg wet							
cis-1,2-Dichloroethene	BDL	0.00500	mg/kg wet							
cis-1,3-Dichloropropene	BDL	0.00500	mg/kg wet							
Dibromochloromethane	BDL	0.00500	mg/kg wet							
Dibromomethane	BDL	0.00500	mg/kg wet							
Dichlorodifluoromethane	BDL	0.00500	mg/kg wet							
Ethylbenzene	BDL	0.00500	mg/kg wet							
Iodomethane	BDL	0.0100	mg/kg wet							
Methylene Chloride	0.0252	0.00500	mg/kg wet							O-01
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	39.1		ug/L	50.00		78.1	41-140			
Surrogate: Dibromofluoromethane	40.6		ug/L	50.00		81.2	33-129			
Surrogate: Toluene-d8	44.8		ug/L	50.00		89.7	44-130			
Surrogate: 1,2-Dichloroethane-d4	43.5		ug/L	50.00		87.0	31-123			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1032039 - VOC PREP										
LCS (1032039-BS1)				Prepared & Analyzed: 07/27/10						
1,1,1,2-Tetrachloroethane	0.0220	0.00500	mg/kg wet	0.02000		110	69-142			
1,1,1-Trichloroethane	0.0224	0.00500	mg/kg wet	0.02000		112	58-127			
1,1,2,2-Tetrachloroethane	0.0269	0.00500	mg/kg wet	0.02000		134	74-141			
1,1,2-Trichloroethane	0.0277	0.00500	mg/kg wet	0.02000		138	73-140			
1,1-Dichloroethane	0.0255	0.00500	mg/kg wet	0.02000		127	60-130			
1,1-Dichloroethene	0.0205	0.00500	mg/kg wet	0.02000		102	62-142			
1,1-Dichloropropene	0.0223	0.00500	mg/kg wet	0.02000		112	63-142			
1,2-Dibromoethane	0.0212	0.00500	mg/kg wet	0.02000		106	72-140			
1,2-Dichloroethane	0.0256	0.00500	mg/kg wet	0.02000		128	70-142			
1,2-Dichloropropane	0.0265	0.00500	mg/kg wet	0.02000		132	66-139			
1,3-Dichloropropane	0.0259	0.00500	mg/kg wet	0.02000		129	75-139			
2,2-Dichloropropane	0.0246	0.00500	mg/kg wet	0.02000		123	10-180			
2-Butanone	0.104	0.0200	mg/kg wet	0.08000		130	44-120			L
2-Chlorotoluene	0.0265	0.00500	mg/kg wet	0.02000		133	69-137			
2-Hexanone	0.128	0.0200	mg/kg wet	0.08000		160	10-172			
4-Chlorotoluene	0.0244	0.00500	mg/kg wet	0.02000		122	71-140			
4-Methyl-2-pentanone	0.105	0.0200	mg/kg wet	0.08000		131	10-185			
Acetone	0.123	0.0500	mg/kg wet	0.08000		154	10-229			
Acetonitrile	0.0256	0.0400	mg/kg wet	0.02000		128	35-169			
Acrylonitrile	0.0260	0.0200	mg/kg wet	0.02000		130	64-150			
Allyl chloride	0.0215	0.0100	mg/kg wet	0.02000		107	50-149			
Benzene	0.0244	0.00500	mg/kg wet	0.02000		122	64-138			
Bromobenzene	0.0225	0.00500	mg/kg wet	0.02000		113	73-140			
Bromochloromethane	0.0186	0.00500	mg/kg wet	0.02000		92.9	72-132			
Bromodichloromethane	0.0257	0.00500	mg/kg wet	0.02000		128	72-138			
Bromoform	0.0235	0.00500	mg/kg wet	0.02000		117	70-144			
Bromomethane	0.0844	0.00500	mg/kg wet	0.02000		422	10-199			L
Carbon Disulfide	0.0108	0.0200	mg/kg wet	0.02000		54.0	38-148			
Carbon Tetrachloride	0.0191	0.00500	mg/kg wet	0.02000		95.4	49-148			
Chlorobenzene	0.0246	0.00500	mg/kg wet	0.02000		123	70-135			
Chloroethane	0.140	0.00500	mg/kg wet	0.02000		701	17-186			L
Chloroform	0.0241	0.00500	mg/kg wet	0.02000		120	64-134			
Chloromethane	0.0380	0.00500	mg/kg wet	0.02000		190	47-143			L
cis-1,2-Dichloroethene	0.0246	0.00500	mg/kg wet	0.02000		123	66-138			
cis-1,3-Dichloropropene	0.0249	0.00500	mg/kg wet	0.02000		124	66-141			
Dibromochloromethane	0.0214	0.00500	mg/kg wet	0.02000		107	70-139			
Dibromomethane	0.0236	0.00500	mg/kg wet	0.02000		118	76-135			
Dichlorodifluoromethane	0.0529	0.00500	mg/kg wet	0.02000		264	20-181			L
Ethylbenzene	0.0264	0.00500	mg/kg wet	0.02000		132	71-134			
Iodomethane	0.0134	0.0100	mg/kg wet	0.02000		67.2	13-162			
Methylene Chloride	0.0417	0.00500	mg/kg wet	0.02000		209	10-195			L, B
Methyl tert-Butyl Ether	0.0266	0.0100	mg/kg wet	0.02000		133	54-153			
m,p-Xylene	0.0518	0.0100	mg/kg wet	0.04000		130	70-138			
n-Hexane	0.0273	0.00500	mg/kg wet	0.02000		137	10-185			
o-Xylene	0.0240	0.00500	mg/kg wet	0.02000		120	72-139			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1032039 - VOC PREP

LCS (1032039-BS1)

Prepared & Analyzed: 07/27/10

Styrene	0.0254	0.00500	mg/kg wet	0.02000		127	71-142			
Tetrachloroethene	0.0206	0.00500	mg/kg wet	0.02000		103	41-161			
Toluene	0.0243	0.00500	mg/kg wet	0.02000		122	70-136			
trans-1,2-Dichloroethene	0.0188	0.00500	mg/kg wet	0.02000		94.1	36-159			
trans-1,3-Dichloropropene	0.0283	0.00500	mg/kg wet	0.02000		141	64-142			
Trichloroethene	0.0202	0.00500	mg/kg wet	0.02000		101	65-136			
Trichlorofluoromethane	0.0712	0.00500	mg/kg wet	0.02000		356	41-163			L
Vinyl Chloride	0.0860	0.00500	mg/kg wet	0.02000		430	45-149			L
Vinyl acetate	0.0258	0.0100	mg/kg wet	0.02000		129	10-208			
Surrogate: 4-Bromofluorobenzene	40.1		ug/L	50.00		80.1	41-140			
Surrogate: Dibromofluoromethane	39.5		ug/L	50.00		79.0	33-129			
Surrogate: Toluene-d8	43.4		ug/L	50.00		86.8	44-130			
Surrogate: 1,2-Dichloroethane-d4	43.3		ug/L	50.00		86.6	31-123			

LCS Dup (1032039-BSD1)

Prepared & Analyzed: 07/27/10

1,1,1,2-Tetrachloroethane	0.0219	0.00500	mg/kg wet	0.02000		110	69-142	0.364	23	
1,1,1-Trichloroethane	0.0224	0.00500	mg/kg wet	0.02000		112	58-127	0.402	20	
1,1,2,2-Tetrachloroethane	0.0280	0.00500	mg/kg wet	0.02000		140	74-141	3.83	20	
1,1,2-Trichloroethane	0.0282	0.00500	mg/kg wet	0.02000		141	73-140	1.76	15	L
1,1-Dichloroethane	0.0250	0.00500	mg/kg wet	0.02000		125	60-130	2.10	20	
1,1-Dichloroethene	0.0199	0.00500	mg/kg wet	0.02000		99.6	62-142	2.62	20	
1,1-Dichloropropene	0.0222	0.00500	mg/kg wet	0.02000		111	63-142	0.539	24	
1,2-Dibromoethane	0.0214	0.00500	mg/kg wet	0.02000		107	72-140	1.27	20	
1,2-Dichloroethane	0.0260	0.00500	mg/kg wet	0.02000		130	70-142	1.71	18	
1,2-Dichloropropane	0.0268	0.00500	mg/kg wet	0.02000		134	66-139	1.13	22	
1,3-Dichloropropane	0.0268	0.00500	mg/kg wet	0.02000		134	75-139	3.53	17	
2,2-Dichloropropane	0.0239	0.00500	mg/kg wet	0.02000		120	10-180	3.01	40	
2-Butanone	0.105	0.0200	mg/kg wet	0.08000		131	44-120	0.823	29	L
2-Chlorotoluene	0.0274	0.00500	mg/kg wet	0.02000		137	69-137	3.48	30	
2-Hexanone	0.133	0.0200	mg/kg wet	0.08000		166	10-172	3.87	40	
4-Chlorotoluene	0.0242	0.00500	mg/kg wet	0.02000		121	71-140	0.701	30	
4-Methyl-2-pentanone	0.108	0.0200	mg/kg wet	0.08000		135	10-185	2.79	100	
Acetone	0.123	0.0500	mg/kg wet	0.08000		154	10-229	0.163	40	
Acetonitrile	0.0293	0.0400	mg/kg wet	0.02000		147	35-169	13.4	69	
Acrylonitrile	0.0243	0.0200	mg/kg wet	0.02000		122	64-150	6.79	34	
Allyl chloride	0.0205	0.0100	mg/kg wet	0.02000		102	50-149	4.72	35	
Benzene	0.0244	0.00500	mg/kg wet	0.02000		122	64-138	0.0821	25	
Bromobenzene	0.0231	0.00500	mg/kg wet	0.02000		116	73-140	2.63	30	
Bromochloromethane	0.0189	0.00500	mg/kg wet	0.02000		94.6	72-132	1.76	25	
Bromodichloromethane	0.0263	0.00500	mg/kg wet	0.02000		132	72-138	2.46	25	
Bromoform	0.0239	0.00500	mg/kg wet	0.02000		120	70-144	1.86	30	
Bromomethane	0.0846	0.00500	mg/kg wet	0.02000		423	10-199	0.296	40	L
Carbon Disulfide	0.0103	0.0200	mg/kg wet	0.02000		51.6	38-148	4.45	36	
Carbon Tetrachloride	0.0190	0.00500	mg/kg wet	0.02000		95.0	49-148	0.368	34	
Chlorobenzene	0.0249	0.00500	mg/kg wet	0.02000		124	70-135	1.09	21	

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1032039 - VOC PREP

LCS Dup (1032039-BSD1)

Prepared & Analyzed: 07/27/10

Chloroethane	0.144	0.00500	mg/kg wet	0.02000		720	17-186	2.66	99	L
Chloroform	0.0240	0.00500	mg/kg wet	0.02000		120	64-134	0.499	28	
Chloromethane	0.0401	0.00500	mg/kg wet	0.02000		200	47-143	5.30	25	L
cis-1,2-Dichloroethene	0.0241	0.00500	mg/kg wet	0.02000		120	66-138	2.10	25	
cis-1,3-Dichloropropene	0.0254	0.00500	mg/kg wet	0.02000		127	66-141	2.27	25	
Dibromochloromethane	0.0218	0.00500	mg/kg wet	0.02000		109	70-139	1.95	25	
Dibromomethane	0.0242	0.00500	mg/kg wet	0.02000		121	76-135	2.47	23	
Dichlorodifluoromethane	0.0500	0.00500	mg/kg wet	0.02000		250	20-181	5.58	34	L
Ethylbenzene	0.0268	0.00500	mg/kg wet	0.02000		134	71-134	1.13	31	
Iodomethane	0.0135	0.0100	mg/kg wet	0.02000		67.3	13-162	0.223	31	
Methylene Chloride	0.0412	0.00500	mg/kg wet	0.02000		206	10-195	1.16	51	L, B
Methyl tert-Butyl Ether	0.0259	0.0100	mg/kg wet	0.02000		130	54-153	2.78	35	
m,p-Xylene	0.0524	0.0100	mg/kg wet	0.04000		131	70-138	1.17	31	
n-Hexane	0.0263	0.00500	mg/kg wet	0.02000		132	10-185	3.88	60	
o-Xylene	0.0239	0.00500	mg/kg wet	0.02000		119	72-139	0.460	23	
Styrene	0.0260	0.00500	mg/kg wet	0.02000		130	71-142	2.37	22	
Tetrachloroethene	0.0205	0.00500	mg/kg wet	0.02000		103	41-161	0.486	40	
Toluene	0.0246	0.00500	mg/kg wet	0.02000		123	70-136	1.23	22	
trans-1,2-Dichloroethene	0.0185	0.00500	mg/kg wet	0.02000		92.6	36-159	1.66	24	
trans-1,3-Dichloropropene	0.0292	0.00500	mg/kg wet	0.02000		146	64-142	3.03	20	L
Trichloroethene	0.0201	0.00500	mg/kg wet	0.02000		100	65-136	0.348	23	
Trichlorofluoromethane	0.0729	0.00500	mg/kg wet	0.02000		364	41-163	2.40	26	L
Vinyl Chloride	0.0861	0.00500	mg/kg wet	0.02000		430	45-149	0.128	27	L
Vinyl acetate	0.0256	0.0100	mg/kg wet	0.02000		128	10-208	0.972	77	
Surrogate: 4-Bromofluorobenzene	40.2		ug/L	50.00		80.4	41-140			
Surrogate: Dibromofluoromethane	39.9		ug/L	50.00		79.9	33-129			
Surrogate: Toluene-d8	44.0		ug/L	50.00		87.9	44-130			
Surrogate: 1,2-Dichloroethane-d4	44.1		ug/L	50.00		88.2	31-123			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1032039 - VOC PREP

Matrix Spike (1032039-MS1)	Source: 10G0920-01			Prepared & Analyzed: 07/27/10						
1,1,1,2-Tetrachloroethane	12.0		ug/L	20.00	ND	60.2	38-121			
1,1,1-Trichloroethane	15.0		ug/L	20.00	ND	75.0	35-131			
1,1,2,2-Tetrachloroethane	15.3		ug/L	20.00	ND	76.6	12-144			
1,1,2-Trichloroethane	18.8		ug/L	20.00	ND	93.8	33-126			
1,1-Dichloroethane	17.8		ug/L	20.00	ND	88.9	44-119			
1,1-Dichloroethene	14.0		ug/L	20.00	ND	69.8	31-125			
1,1-Dichloropropene	14.0		ug/L	20.00	ND	69.9	34-126			
1,2-Dibromoethane	13.8		ug/L	20.00	ND	68.9	31-123			
1,2-Dichloroethane	17.3		ug/L	20.00	ND	86.4	48-114			
1,2-Dichloropropane	17.6		ug/L	20.00	ND	88.0	44-118			
1,3-Dichloropropane	16.4		ug/L	20.00	ND	82.2	31-128			
2,2-Dichloropropane	16.5		ug/L	20.00	ND	82.5	10-149			
2-Butanone	98.4		ug/L	80.00	ND	123	10-159			
2-Chlorotoluene	12.4		ug/L	20.00	ND	61.8	18-108			
2-Hexanone	103		ug/L	80.00	ND	129	10-194			
4-Chlorotoluene	9.82		ug/L	20.00	ND	49.1	10-116			
4-Methyl-2-pentanone	81.7		ug/L	80.00	ND	102	10-186			
Acetone	125		ug/L	80.00	17.8	134	10-218			
Acetonitrile	23.3		ug/L	20.00	ND	116	22-170			
Acrylonitrile	23.7		ug/L	20.00	ND	119	22-140			
Allyl chloride	14.4		ug/L	20.00	ND	72.2	28-128			
Benzene	18.8		ug/L	20.00	4.10	73.5	39-126			
Bromobenzene	10.2		ug/L	20.00	ND	51.0	15-109			
Bromochloromethane	13.2		ug/L	20.00	ND	65.9	47-124			
Bromodichloromethane	16.0		ug/L	20.00	ND	80.2	40-114			
Bromoform	11.9		ug/L	20.00	ND	59.6	19-119			
Bromomethane	78.9		ug/L	20.00	ND	394	10-173			M
Carbon Disulfide	7.34		ug/L	20.00	ND	36.7	17-133			
Carbon Tetrachloride	12.6		ug/L	20.00	ND	63.2	23-128			
Chlorobenzene	13.3		ug/L	20.00	ND	66.4	27-111			
Chloroethane	136		ug/L	20.00	ND	680	17-153			M
Chloroform	16.8		ug/L	20.00	ND	84.2	35-130			
Chloromethane	34.4		ug/L	20.00	ND	172	22-139			M
cis-1,2-Dichloroethene	16.1		ug/L	20.00	ND	80.6	42-118			
cis-1,3-Dichloropropene	14.9		ug/L	20.00	ND	74.5	27-113			
Dibromochloromethane	12.3		ug/L	20.00	ND	61.3	29-122			
Dibromomethane	16.0		ug/L	20.00	ND	79.9	39-126			
Dichlorodifluoromethane	43.6		ug/L	20.00	ND	218	10-184			M
Ethylbenzene	15.9		ug/L	20.00	1.62	71.5	27-117			
Iodomethane	8.25		ug/L	20.00	ND	41.2	10-127			
Methylene Chloride	23.9		ug/L	20.00	ND	120	10-179			B
Methyl tert-Butyl Ether	19.8		ug/L	20.00	ND	99.1	38-126			
m,p-Xylene	30.2		ug/L	40.00	2.75	68.7	26-114			
n-Hexane	20.2		ug/L	20.00	22.5	NR	10-122			M
o-Xylene	13.3		ug/L	20.00	ND	66.5	28-119			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1032039 - VOC PREP

Matrix Spike (1032039-MS1)	Source: 10G0920-01			Prepared & Analyzed: 07/27/10						
Styrene	12.0		ug/L	20.00	ND	59.8	17-104			
Tetrachloroethene	11.7		ug/L	20.00	ND	58.4	24-114			
Toluene	20.0		ug/L	20.00	6.59	67.3	32-121			
trans-1,2-Dichloroethene	13.4		ug/L	20.00	ND	66.8	32-122			
trans-1,3-Dichloropropene	16.4		ug/L	20.00	ND	82.2	19-109			
Trichloroethene	12.7		ug/L	20.00	ND	63.3	42-109			
Trichlorofluoromethane	68.3		ug/L	20.00	ND	342	10-158			M
Vinyl Chloride	78.5		ug/L	20.00	ND	392	22-143			M
Vinyl acetate	19.1		ug/L	20.00	ND	95.7	10-127			
Surrogate: 4-Bromofluorobenzene	39.0		ug/L	50.00		78.1	41-140			
Surrogate: Dibromofluoromethane	41.5		ug/L	50.00		83.1	33-129			
Surrogate: Toluene-d8	43.2		ug/L	50.00		86.4	44-130			
Surrogate: 1,2-Dichloroethane-d4	47.8		ug/L	50.00		95.7	31-123			

Matrix Spike Dup (1032039-MSD1)	Source: 10G0920-01			Prepared & Analyzed: 07/27/10						
1,1,1,2-Tetrachloroethane	4.40		ug/L	20.00	ND	22.0	38-121	92.9	50	M, R
1,1,1-Trichloroethane	13.2		ug/L	20.00	ND	65.8	35-131	13.1	60	
1,1,2,2-Tetrachloroethane	3.11		ug/L	20.00	ND	15.6	12-144	133	51	R
1,1,2-Trichloroethane	7.46		ug/L	20.00	ND	37.3	33-126	86.2	46	R
1,1-Dichloroethane	13.0		ug/L	20.00	ND	65.1	44-119	30.9	48	
1,1-Dichloroethene	14.1		ug/L	20.00	ND	70.4	31-125	0.857	61	
1,1-Dichloropropene	12.0		ug/L	20.00	ND	60.2	34-126	15.0	81	
1,2-Dibromoethane	4.31		ug/L	20.00	ND	21.6	31-123	105	56	M, R
1,2-Dichloroethane	8.27		ug/L	20.00	ND	41.4	48-114	70.5	40	M, R
1,2-Dichloropropane	8.96		ug/L	20.00	ND	44.8	44-118	65.1	48	R
1,3-Dichloropropane	5.51		ug/L	20.00	ND	27.6	31-128	99.5	50	M, R
2,2-Dichloropropane	14.3		ug/L	20.00	ND	71.4	10-149	14.4	50	
2-Butanone	50.7		ug/L	80.00	ND	63.4	10-159	63.9	60	R
2-Chlorotoluene	4.20		ug/L	20.00	ND	21.0	18-108	98.5	75	R
2-Hexanone	34.2		ug/L	80.00	ND	42.8	10-194	101	58	R
4-Chlorotoluene	2.86		ug/L	20.00	ND	14.3	10-116	110	80	R
4-Methyl-2-pentanone	28.7		ug/L	80.00	ND	35.9	10-186	95.9	60	R
Acetone	72.6		ug/L	80.00	17.8	68.5	10-218	52.9	60	
Acetonitrile	19.0		ug/L	20.00	ND	94.8	22-170	20.4	70	
Acrylonitrile	13.6		ug/L	20.00	ND	67.9	22-140	54.4	69	
Allyl chloride	10.9		ug/L	20.00	ND	54.7	28-128	27.5	68	
Benzene	13.2		ug/L	20.00	4.10	45.3	39-126	35.2	61	
Bromobenzene	2.37		ug/L	20.00	ND	11.8	15-109	125	50	M, R
Bromochloromethane	6.95		ug/L	20.00	ND	34.8	47-124	61.9	48	M, R
Bromodichloromethane	6.85		ug/L	20.00	ND	34.2	40-114	80.3	49	M, R
Bromoform	2.51		ug/L	20.00	ND	12.6	19-119	130	63	M, R
Bromomethane	88.1		ug/L	20.00	ND	441	10-173	11.1	40	M
Carbon Disulfide	6.70		ug/L	20.00	ND	33.5	17-133	9.12	74	
Carbon Tetrachloride	11.6		ug/L	20.00	ND	57.8	23-128	8.85	60	
Chlorobenzene	4.78		ug/L	20.00	ND	23.9	27-111	94.1	50	M, R

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1032039 - VOC PREP

Matrix Spike Dup (1032039-MSD1)	Source: 10G0920-01			Prepared & Analyzed: 07/27/10						
Chloroethane	146		ug/L	20.00	ND	729	17-153	6.96	75	M
Chloroform	10.2		ug/L	20.00	ND	51.2	35-130	48.7	52	
Chloromethane	35.3		ug/L	20.00	ND	176	22-139	2.58	42	M
cis-1,2-Dichloroethene	9.77		ug/L	20.00	ND	48.8	42-118	49.1	63	
cis-1,3-Dichloropropene	5.93		ug/L	20.00	ND	29.6	27-113	86.1	50	R
Dibromochloromethane	3.56		ug/L	20.00	ND	17.8	29-122	110	59	M, R
Dibromomethane	6.85		ug/L	20.00	ND	34.2	39-126	80.0	48	M, R
Dichlorodifluoromethane	47.1		ug/L	20.00	ND	236	10-184	7.87	108	M
Ethylbenzene	8.72		ug/L	20.00	1.62	35.5	27-117	58.5	40	R
Iodomethane	6.88		ug/L	20.00	ND	34.4	10-127	18.1	50	
Methylene Chloride	18.9		ug/L	20.00	ND	94.6	10-179	23.4	58	B
Methyl tert-Butyl Ether	10.0		ug/L	20.00	ND	50.2	38-126	65.5	50	R
m,p-Xylene	15.6		ug/L	40.00	2.75	32.1	26-114	64.0	40	R
n-Hexane	19.2		ug/L	20.00	22.5	NR	10-122	5.03	70	
o-Xylene	5.77		ug/L	20.00	ND	28.8	28-119	79.0	40	R
Styrene	3.39		ug/L	20.00	ND	17.0	17-104	112	40	R
Tetrachloroethene	7.38		ug/L	20.00	ND	36.9	24-114	45.0	50	
Toluene	12.9		ug/L	20.00	6.59	31.4	32-121	43.6	40	M, R
trans-1,2-Dichloroethene	10.2		ug/L	20.00	ND	51.2	32-122	26.4	50	
trans-1,3-Dichloropropene	5.33		ug/L	20.00	ND	26.6	19-109	102	51	R
Trichloroethene	8.26		ug/L	20.00	ND	41.3	42-109	42.1	38	M, R
Trichlorofluoromethane	71.2		ug/L	20.00	ND	356	10-158	4.17	120	M
Vinyl Chloride	82.3		ug/L	20.00	ND	412	22-143	4.81	60	M
Vinyl acetate	8.26		ug/L	20.00	ND	41.3	10-127	79.4	119	
Surrogate: 4-Bromofluorobenzene	39.4		ug/L	50.00		78.9	41-140			
Surrogate: Dibromofluoromethane	41.7		ug/L	50.00		83.5	33-129			
Surrogate: Toluene-d8	44.2		ug/L	50.00		88.5	44-130			
Surrogate: 1,2-Dichloroethane-d4	47.8		ug/L	50.00		95.5	31-123			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1030266 - PREP SVOC S

Blank (1030266-BLK1)

Prepared: 07/23/10 Analyzed: 08/02/10

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	2.63	0.100	mg/kg wet							A-01b
Phenanthrene	BDL	0.100	mg/kg wet							
Pyrene	BDL	0.100	mg/kg wet							
Surrogate: Nitrobenzene-d5	1.09		mg/kg wet	1.333		82.1	51-126			
Surrogate: 2-Fluorobiphenyl	1.22		mg/kg wet	1.333		91.6	56-121			
Surrogate: Terphenyl-d14	1.10		mg/kg wet	1.333		82.2	40-140			

LCS (1030266-BS1)

Prepared: 07/23/10 Analyzed: 08/02/10

2-Methylnaphthalene	2.42	0.100	mg/kg wet	3.333		72.7	24-125			
Acenaphthene	2.55	0.100	mg/kg wet	3.333		76.4	60-110			
Acenaphthylene	2.26	0.100	mg/kg wet	3.333		67.9	45-124			
Anthracene	2.89	0.100	mg/kg wet	3.333		86.8	46-117			
Benz(a)anthracene	2.80	0.100	mg/kg wet	3.333		84.0	43-139			
Benzo(a)pyrene	2.90	0.100	mg/kg wet	3.333		87.2	40-147			
Benzo(b)fluoranthene	3.07	0.100	mg/kg wet	3.333		92.2	40-157			
Benzo(g,h,i)perylene	2.76	0.100	mg/kg wet	3.333		82.9	37-159			
Benzo(k)fluoranthene	2.64	0.100	mg/kg wet	3.333		79.3	32-123			
Chrysene	2.91	0.100	mg/kg wet	3.333		87.2	38-136			
Dibenz(a,h)anthracene	3.14	0.100	mg/kg wet	3.333		94.3	20-181			
Fluoranthene	2.43	0.100	mg/kg wet	3.333		72.9	49-118			
Fluorene	2.76	0.100	mg/kg wet	3.333		82.9	52-129			
Indeno(1,2,3-cd)pyrene	2.66	0.100	mg/kg wet	3.333		79.9	40-160			
Naphthalene	4.63	0.100	mg/kg wet	3.333		139	39-118			L, B
Phenanthrene	3.03	0.100	mg/kg wet	3.333		90.8	46-109			
Pyrene	2.99	0.100	mg/kg wet	3.333		89.7	47-123			
Surrogate: Nitrobenzene-d5	1.28		mg/kg wet	1.333		95.9	51-126			
Surrogate: 2-Fluorobiphenyl	0.984		mg/kg wet	1.333		73.8	56-121			
Surrogate: Terphenyl-d14	1.23		mg/kg wet	1.333		92.5	40-140			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1030266 - PREP SVOC S

LCS Dup (1030266-BSD1)

Prepared: 07/23/10 Analyzed: 08/02/10

2-Methylnaphthalene	2.37	0.100	mg/kg wet	3.333		71.0	24-125	2.30	20	
Acenaphthene	2.86	0.100	mg/kg wet	3.333		85.8	60-110	11.6	13	
Acenaphthylene	2.75	0.100	mg/kg wet	3.333		82.4	45-124	19.4	20	
Anthracene	2.98	0.100	mg/kg wet	3.333		89.3	46-117	2.86	20	
Benz(a)anthracene	3.19	0.100	mg/kg wet	3.333		95.6	43-139	12.9	20	
Benzo(a)pyrene	3.30	0.100	mg/kg wet	3.333		98.9	40-147	12.6	20	
Benzo(b)fluoranthene	3.60	0.100	mg/kg wet	3.333		108	40-157	15.9	25	
Benzo(g,h,i)perylene	3.02	0.100	mg/kg wet	3.333		90.7	37-159	8.97	25	
Benzo(k)fluoranthene	2.74	0.100	mg/kg wet	3.333		82.2	32-123	3.63	40	
Chrysene	3.05	0.100	mg/kg wet	3.333		91.4	38-136	4.74	20	
Dibenz(a,h)anthracene	3.38	0.100	mg/kg wet	3.333		101	20-181	7.20	20	
Fluoranthene	2.64	0.100	mg/kg wet	3.333		79.2	49-118	8.31	20	
Fluorene	3.09	0.100	mg/kg wet	3.333		92.8	52-129	11.3	20	
Indeno(1,2,3-cd)pyrene	2.95	0.100	mg/kg wet	3.333		88.4	40-160	10.1	20	
Naphthalene	4.09	0.100	mg/kg wet	3.333		123	39-118	12.2	20	A-01d, B
Phenanthrene	3.20	0.100	mg/kg wet	3.333		95.9	46-109	5.38	20	
Pyrene	3.28	0.100	mg/kg wet	3.333		98.4	47-123	9.21	20	
Surrogate: Nitrobenzene-d5	1.30		mg/kg wet	1.333		97.7	51-126			
Surrogate: 2-Fluorobiphenyl	1.16		mg/kg wet	1.333		86.7	56-121			
Surrogate: Terphenyl-d14	1.30		mg/kg wet	1.333		97.5	40-140			

Matrix Spike (1030266-MS1)

Source: 10G0653-40

Prepared: 07/23/10 Analyzed: 07/30/10

2-Methylnaphthalene	3.46	0.119	mg/kg dry	3.955	ND	87.4	42-117			
Acenaphthene	3.15	0.119	mg/kg dry	3.955	ND	79.6	59-117			
Acenaphthylene	2.95	0.119	mg/kg dry	3.955	ND	74.7	41-130			
Anthracene	3.13	0.119	mg/kg dry	3.955	ND	79.1	40-121			
Benz(a)anthracene	3.51	0.119	mg/kg dry	3.955	ND	88.7	30-137			
Benzo(a)pyrene	3.03	0.119	mg/kg dry	3.955	ND	76.6	20-152			
Benzo(b)fluoranthene	2.90	0.119	mg/kg dry	3.955	ND	73.3	19-173			
Benzo(g,h,i)perylene	3.69	0.119	mg/kg dry	3.955	ND	93.3	40-139			
Benzo(k)fluoranthene	2.30	0.119	mg/kg dry	3.955	ND	58.2	10-154			
Chrysene	3.51	0.119	mg/kg dry	3.955	ND	88.7	36-125			
Dibenz(a,h)anthracene	3.61	0.119	mg/kg dry	3.955	ND	91.4	48-139			
Fluoranthene	2.69	0.119	mg/kg dry	3.955	ND	68.1	15-146			
Fluorene	2.01	0.119	mg/kg dry	3.955	ND	50.9	46-134			
Indeno(1,2,3-cd)pyrene	4.28	0.119	mg/kg dry	3.955	ND	108	44-144			
Naphthalene	4.73	0.119	mg/kg dry	3.955	2.77	49.6	33-121			B
Phenanthrene	2.93	0.119	mg/kg dry	3.955	ND	74.0	37-112			
Pyrene	3.79	0.119	mg/kg dry	3.955	ND	95.9	10-163			
Surrogate: Nitrobenzene-d5	1.14		mg/kg dry	1.582		71.8	51-126			
Surrogate: 2-Fluorobiphenyl	1.61		mg/kg dry	1.582		102	56-121			
Surrogate: Terphenyl-d14	0.820		mg/kg dry	1.582		51.8	40-140			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1030266 - PREP SVOC S

Matrix Spike Dup (1030266-MSD1)	Source: 10G0653-40			Prepared: 07/23/10 Analyzed: 07/30/10						
2-Methylnaphthalene	3.52	0.120	mg/kg dry	3.985	ND	88.3	42-117	1.81	36	
Acenaphthene	3.17	0.120	mg/kg dry	3.985	ND	79.6	59-117	0.823	24	
Acenaphthylene	2.99	0.120	mg/kg dry	3.985	ND	75.0	41-130	1.13	32	
Anthracene	3.19	0.120	mg/kg dry	3.985	ND	80.1	40-121	2.04	21	
Benz(a)anthracene	3.35	0.120	mg/kg dry	3.985	ND	84.1	30-137	4.63	14	
Benzo(a)pyrene	3.04	0.120	mg/kg dry	3.985	ND	76.2	20-152	0.198	25	
Benzo(b)fluoranthene	3.06	0.120	mg/kg dry	3.985	ND	76.7	19-173	5.21	29	
Benzo(g,h,i)perylene	3.62	0.120	mg/kg dry	3.985	ND	90.9	40-139	1.87	19	
Benzo(k)fluoranthene	2.26	0.120	mg/kg dry	3.985	ND	56.6	10-154	1.94	58	
Chrysene	3.35	0.120	mg/kg dry	3.985	ND	84.1	36-125	4.63	21	
Dibenz(a,h)anthracene	3.57	0.120	mg/kg dry	3.985	ND	89.6	48-139	1.22	24	
Fluoranthene	2.72	0.120	mg/kg dry	3.985	ND	68.3	15-146	0.995	40	
Fluorene	3.99	0.120	mg/kg dry	3.985	ND	100	46-134	65.9	29	R
Indeno(1,2,3-cd)pyrene	4.20	0.120	mg/kg dry	3.985	ND	105	44-144	2.03	28	
Naphthalene	4.72	0.120	mg/kg dry	3.985	2.77	48.9	33-121	0.214	15	B
Phenanthrene	3.02	0.120	mg/kg dry	3.985	ND	75.8	37-112	3.16	13	
Pyrene	3.68	0.120	mg/kg dry	3.985	ND	92.3	10-163	3.09	20	
Surrogate: Nitrobenzene-d5	1.17		mg/kg dry	1.594		73.4	51-126			
Surrogate: 2-Fluorobiphenyl	1.63		mg/kg dry	1.594		102	56-121			
Surrogate: Terphenyl-d14	0.777		mg/kg dry	1.594		48.7	40-140			

Batch 1031006 - PREP SVOC S

Blank (1031006-BLK1)	Prepared: 07/26/10 Analyzed: 07/29/10				
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	1.22	0.100	mg/kg wet		A-01b
Phenanthrene	BDL	0.100	mg/kg wet		
Pyrene	BDL	0.100	mg/kg wet		
Surrogate: Nitrobenzene-d5	0.931		mg/kg wet	1.333	69.8 51-126
Surrogate: 2-Fluorobiphenyl	1.08		mg/kg wet	1.333	81.0 56-121
Surrogate: Terphenyl-d14	0.966		mg/kg wet	1.333	72.5 40-140

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1031006 - PREP SVOC S

LCS (1031006-BS1)										
					Prepared: 07/26/10 Analyzed: 07/28/10					
2-Methylnaphthalene	2.01	0.100	mg/kg wet	3.333		60.2	24-125			
Acenaphthene	2.58	0.100	mg/kg wet	3.333		77.3	60-110			
Acenaphthylene	2.63	0.100	mg/kg wet	3.333		79.0	45-124			
Anthracene	3.00	0.100	mg/kg wet	3.333		89.9	46-117			
Benz(a)anthracene	3.20	0.100	mg/kg wet	3.333		95.9	43-139			
Benzo(a)pyrene	3.40	0.100	mg/kg wet	3.333		102	40-147			
Benzo(b)fluoranthene	3.41	0.100	mg/kg wet	3.333		102	40-157			
Benzo(g,h,i)perylene	3.13	0.100	mg/kg wet	3.333		93.9	37-159			
Benzo(k)fluoranthene	2.61	0.100	mg/kg wet	3.333		78.2	32-123			
Chrysene	3.02	0.100	mg/kg wet	3.333		90.6	38-136			
Dibenz(a,h)anthracene	3.53	0.100	mg/kg wet	3.333		106	20-181			
Fluoranthene	2.56	0.100	mg/kg wet	3.333		76.8	49-118			
Fluorene	3.18	0.100	mg/kg wet	3.333		95.3	52-129			
Indeno(1,2,3-cd)pyrene	2.98	0.100	mg/kg wet	3.333		89.3	40-160			
Naphthalene	3.33	0.100	mg/kg wet	3.333		100	39-118			B
Phenanthrene	3.15	0.100	mg/kg wet	3.333		94.5	46-109			
Pyrene	2.88	0.100	mg/kg wet	3.333		86.4	47-123			
Surrogate: Nitrobenzene-d5	1.30		mg/kg wet	1.333		97.9	51-126			
Surrogate: 2-Fluorobiphenyl	1.18		mg/kg wet	1.333		88.7	56-121			
Surrogate: Terphenyl-d14	1.19		mg/kg wet	1.333		89.6	40-140			

LCS Dup (1031006-BSD1)										
					Prepared: 07/26/10 Analyzed: 07/28/10					
2-Methylnaphthalene	2.67	0.100	mg/kg wet	3.333		80.1	24-125	28.3	20	R
Acenaphthene	3.03	0.100	mg/kg wet	3.333		90.8	60-110	16.1	13	R
Acenaphthylene	3.29	0.100	mg/kg wet	3.333		98.8	45-124	22.3	20	R
Anthracene	3.02	0.100	mg/kg wet	3.333		90.7	46-117	0.886	20	
Benz(a)anthracene	3.36	0.100	mg/kg wet	3.333		101	43-139	4.86	20	
Benzo(a)pyrene	3.28	0.100	mg/kg wet	3.333		98.4	40-147	3.68	20	
Benzo(b)fluoranthene	3.46	0.100	mg/kg wet	3.333		104	40-157	1.40	25	
Benzo(g,h,i)perylene	2.87	0.100	mg/kg wet	3.333		86.2	37-159	8.54	25	
Benzo(k)fluoranthene	2.84	0.100	mg/kg wet	3.333		85.2	32-123	8.54	40	
Chrysene	3.32	0.100	mg/kg wet	3.333		99.6	38-136	9.52	20	
Dibenz(a,h)anthracene	3.38	0.100	mg/kg wet	3.333		102	20-181	4.21	20	
Fluoranthene	2.93	0.100	mg/kg wet	3.333		88.0	49-118	13.6	20	
Fluorene	3.49	0.100	mg/kg wet	3.333		105	52-129	9.28	20	
Indeno(1,2,3-cd)pyrene	2.74	0.100	mg/kg wet	3.333		82.3	40-160	8.17	20	
Naphthalene	3.65	0.100	mg/kg wet	3.333		109	39-118	9.03	20	B
Phenanthrene	3.23	0.100	mg/kg wet	3.333		96.9	46-109	2.57	20	
Pyrene	2.93	0.100	mg/kg wet	3.333		88.0	47-123	1.80	20	
Surrogate: Nitrobenzene-d5	1.16		mg/kg wet	1.333		86.6	51-126			
Surrogate: 2-Fluorobiphenyl	1.32		mg/kg wet	1.333		98.8	56-121			
Surrogate: Terphenyl-d14	1.21		mg/kg wet	1.333		91.0	40-140			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1031075 - PREP SVOC S

Blank (1031075-BLK1)

Prepared: 07/27/10 Analyzed: 07/31/10

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	1.09		mg/kg wet	1.333		81.5	51-126			
Surrogate: 2-Fluorobiphenyl	1.41		mg/kg wet	1.333		106	56-121			
Surrogate: Terphenyl-d14	1.34		mg/kg wet	1.333		100	40-140			

LCS (1031075-BS1)

Prepared: 07/27/10 Analyzed: 07/31/10

2-Methylnaphthalene	3.24	0.100	mg/kg wet	3.333		97.4	24-125			
Acenaphthene	2.78	0.100	mg/kg wet	3.333		83.3	60-110			
Acenaphthylene	2.81	0.100	mg/kg wet	3.333		84.4	45-124			
Anthracene	3.27	0.100	mg/kg wet	3.333		98.1	46-117			
Benz(a)anthracene	3.44	0.100	mg/kg wet	3.333		103	43-139			
Benzo(a)pyrene	3.43	0.100	mg/kg wet	3.333		103	40-147			
Benzo(b)fluoranthene	3.23	0.100	mg/kg wet	3.333		96.8	40-157			
Benzo(g,h,i)perylene	3.30	0.100	mg/kg wet	3.333		99.0	37-159			
Benzo(k)fluoranthene	3.70	0.100	mg/kg wet	3.333		111	32-123			
Chrysene	3.51	0.100	mg/kg wet	3.333		105	38-136			
Dibenz(a,h)anthracene	3.58	0.100	mg/kg wet	3.333		108	20-181			
Fluoranthene	3.23	0.100	mg/kg wet	3.333		96.8	49-118			
Fluorene	3.11	0.100	mg/kg wet	3.333		93.4	52-129			
Indeno(1,2,3-cd)pyrene	3.02	0.100	mg/kg wet	3.333		90.6	40-160			
Naphthalene	2.71	0.100	mg/kg wet	3.333		81.4	39-118			
Phenanthrene	3.13	0.100	mg/kg wet	3.333		94.0	46-109			
Pyrene	3.49	0.100	mg/kg wet	3.333		105	47-123			
Surrogate: Nitrobenzene-d5	1.09		mg/kg wet	1.333		81.4	51-126			
Surrogate: 2-Fluorobiphenyl	1.42		mg/kg wet	1.333		106	56-121			
Surrogate: Terphenyl-d14	1.40		mg/kg wet	1.333		105	40-140			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1031075 - PREP SVOC S

LCS Dup (1031075-BSD1)

Prepared: 07/27/10 Analyzed: 07/31/10

2-Methylnaphthalene	3.21	0.100	mg/kg wet	3.333		96.3	24-125	1.11	20	
Acenaphthene	3.02	0.100	mg/kg wet	3.333		90.5	60-110	8.24	13	
Acenaphthylene	3.10	0.100	mg/kg wet	3.333		93.0	45-124	9.80	20	
Anthracene	2.89	0.100	mg/kg wet	3.333		86.6	46-117	12.4	20	
Benz(a)anthracene	3.47	0.100	mg/kg wet	3.333		104	43-139	1.05	20	
Benzo(a)pyrene	3.61	0.100	mg/kg wet	3.333		108	40-147	5.26	20	
Benzo(b)fluoranthene	3.58	0.100	mg/kg wet	3.333		107	40-157	10.4	25	
Benzo(g,h,i)perylene	3.24	0.100	mg/kg wet	3.333		97.3	37-159	1.76	25	
Benzo(k)fluoranthene	3.62	0.100	mg/kg wet	3.333		108	32-123	2.22	40	
Chrysene	3.13	0.100	mg/kg wet	3.333		94.0	38-136	11.4	20	
Dibenz(a,h)anthracene	3.55	0.100	mg/kg wet	3.333		107	20-181	0.925	20	
Fluoranthene	3.24	0.100	mg/kg wet	3.333		97.1	49-118	0.248	20	
Fluorene	3.17	0.100	mg/kg wet	3.333		95.2	52-129	1.90	20	
Indeno(1,2,3-cd)pyrene	3.22	0.100	mg/kg wet	3.333		96.7	40-160	6.54	20	
Naphthalene	2.54	0.100	mg/kg wet	3.333		76.3	39-118	6.45	20	
Phenanthrene	3.27	0.100	mg/kg wet	3.333		98.1	46-109	4.23	20	
Pyrene	3.54	0.100	mg/kg wet	3.333		106	47-123	1.34	20	
Surrogate: Nitrobenzene-d5	1.11		mg/kg wet	1.333		83.5	51-126			
Surrogate: 2-Fluorobiphenyl	1.23		mg/kg wet	1.333		92.2	56-121			
Surrogate: Terphenyl-d14	1.34		mg/kg wet	1.333		100	40-140			

Matrix Spike (1031075-MS3)

Source: 10G0848-44

Prepared: 07/27/10 Analyzed: 07/31/10

2-Methylnaphthalene	3.36	0.126	mg/kg dry	4.191	ND	80.1	42-117			
Acenaphthene	3.90	0.126	mg/kg dry	4.191	ND	93.0	59-117			
Acenaphthylene	4.00	0.126	mg/kg dry	4.191	ND	95.4	41-130			
Anthracene	3.83	0.126	mg/kg dry	4.191	ND	91.3	40-121			
Benz(a)anthracene	4.35	0.126	mg/kg dry	4.191	ND	104	30-137			
Benzo(a)pyrene	4.52	0.126	mg/kg dry	4.191	ND	108	20-152			
Benzo(b)fluoranthene	4.51	0.126	mg/kg dry	4.191	ND	108	19-173			
Benzo(g,h,i)perylene	4.33	0.126	mg/kg dry	4.191	ND	103	40-139			
Benzo(k)fluoranthene	4.06	0.126	mg/kg dry	4.191	ND	96.9	10-154			
Chrysene	4.42	0.126	mg/kg dry	4.191	ND	105	36-125			
Dibenz(a,h)anthracene	4.84	0.126	mg/kg dry	4.191	ND	115	48-139			
Fluoranthene	3.93	0.126	mg/kg dry	4.191	ND	93.7	15-146			
Fluorene	4.25	0.126	mg/kg dry	4.191	ND	101	46-134			
Indeno(1,2,3-cd)pyrene	4.20	0.126	mg/kg dry	4.191	ND	100	44-144			
Naphthalene	3.43	0.126	mg/kg dry	4.191	ND	81.8	33-121			
Phenanthrene	3.81	0.126	mg/kg dry	4.191	ND	90.8	37-112			
Pyrene	4.34	0.126	mg/kg dry	4.191	ND	104	10-163			
Surrogate: Nitrobenzene-d5	1.34		mg/kg dry	1.676		80.0	51-126			
Surrogate: 2-Fluorobiphenyl	1.99		mg/kg dry	1.676		118	56-121			
Surrogate: Terphenyl-d14	1.65		mg/kg dry	1.676		98.2	40-140			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1031075 - PREP SVOC S

Matrix Spike Dup (1031075-MSD3)	Source: 10G0848-44			Prepared: 07/27/10 Analyzed: 07/31/10						
2-Methylnaphthalene	3.12	0.126	mg/kg dry	4.198	ND	74.4	42-117	7.28	36	
Acenaphthene	3.87	0.126	mg/kg dry	4.198	ND	92.2	59-117	0.688	24	
Acenaphthylene	4.19	0.126	mg/kg dry	4.198	ND	99.7	41-130	4.56	32	
Anthracene	3.98	0.126	mg/kg dry	4.198	ND	94.9	40-121	3.96	21	
Benz(a)anthracene	4.42	0.126	mg/kg dry	4.198	ND	105	30-137	1.73	14	
Benzo(a)pyrene	4.34	0.126	mg/kg dry	4.198	ND	103	20-152	4.07	25	
Benzo(b)fluoranthene	4.32	0.126	mg/kg dry	4.198	ND	103	19-173	4.33	29	
Benzo(g,h,i)perylene	4.32	0.126	mg/kg dry	4.198	ND	103	40-139	0.174	19	
Benzo(k)fluoranthene	4.27	0.126	mg/kg dry	4.198	ND	102	10-154	5.12	58	
Chrysene	4.04	0.126	mg/kg dry	4.198	ND	96.2	36-125	8.94	21	
Dibenz(a,h)anthracene	4.75	0.126	mg/kg dry	4.198	ND	113	48-139	1.85	24	
Fluoranthene	3.82	0.126	mg/kg dry	4.198	ND	91.0	15-146	2.74	40	
Fluorene	4.71	0.126	mg/kg dry	4.198	ND	112	46-134	10.2	29	
Indeno(1,2,3-cd)pyrene	4.30	0.126	mg/kg dry	4.198	ND	102	44-144	2.32	28	
Naphthalene	3.05	0.126	mg/kg dry	4.198	ND	72.7	33-121	11.6	15	
Phenanthrene	3.97	0.126	mg/kg dry	4.198	ND	94.6	37-112	4.23	13	
Pyrene	4.09	0.126	mg/kg dry	4.198	ND	97.3	10-163	6.06	20	
Surrogate: Nitrobenzene-d5	1.21		mg/kg dry	1.679		72.0	51-126			
Surrogate: 2-Fluorobiphenyl	1.96		mg/kg dry	1.679		117	56-121			
Surrogate: Terphenyl-d14	1.58		mg/kg dry	1.679		94.1	40-140			

Batch 1031096 - PREP SVOC S

Blank (1031096-BLK1)	Prepared: 07/27/10 Analyzed: 07/31/10				
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	0.648		mg/kg wet	1.333	48.6 51-126
Surrogate: 2-Fluorobiphenyl	1.09		mg/kg wet	1.333	82.0 56-121
Surrogate: Terphenyl-d14	0.862		mg/kg wet	1.333	64.6 40-140

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1031096 - PREP SVOC S

LCS (1031096-BS1)		Prepared: 07/27/10 Analyzed: 07/31/10								
2-Methylnaphthalene	2.53	0.100	mg/kg wet	3.333		75.9	24-125			
Acenaphthene	2.41	0.100	mg/kg wet	3.333		72.3	60-110			
Acenaphthylene	2.70	0.100	mg/kg wet	3.333		80.9	45-124			
Anthracene	2.97	0.100	mg/kg wet	3.333		89.0	46-117			
Benz(a)anthracene	3.22	0.100	mg/kg wet	3.333		96.5	43-139			
Benzo(a)pyrene	3.43	0.100	mg/kg wet	3.333		103	40-147			
Benzo(b)fluoranthene	3.50	0.100	mg/kg wet	3.333		105	40-157			
Benzo(g,h,i)perylene	3.22	0.100	mg/kg wet	3.333		96.5	37-159			
Benzo(k)fluoranthene	2.85	0.100	mg/kg wet	3.333		85.6	32-123			
Chrysene	3.31	0.100	mg/kg wet	3.333		99.4	38-136			
Dibenz(a,h)anthracene	3.50	0.100	mg/kg wet	3.333		105	20-181			
Fluoranthene	2.86	0.100	mg/kg wet	3.333		85.7	49-118			
Fluorene	2.59	0.100	mg/kg wet	3.333		77.8	52-129			
Indeno(1,2,3-cd)pyrene	2.98	0.100	mg/kg wet	3.333		89.4	40-160			
Naphthalene	2.39	0.100	mg/kg wet	3.333		71.7	39-118			
Phenanthrene	3.12	0.100	mg/kg wet	3.333		93.6	46-109			
Pyrene	3.10	0.100	mg/kg wet	3.333		93.1	47-123			
Surrogate: Nitrobenzene-d5	0.863		mg/kg wet	1.333		64.7	51-126			
Surrogate: 2-Fluorobiphenyl	1.19		mg/kg wet	1.333		89.4	56-121			
Surrogate: Terphenyl-d14	1.25		mg/kg wet	1.333		94.0	40-140			

LCS Dup (1031096-BSD1)		Prepared: 07/27/10 Analyzed: 08/06/10								
2-Methylnaphthalene	3.76	0.100	mg/kg wet	3.333		113	24-125	39.2	20	R
Acenaphthene	2.82	0.100	mg/kg wet	3.333		84.6	60-110	15.7	13	R
Acenaphthylene	2.81	0.100	mg/kg wet	3.333		84.4	45-124	4.20	20	
Anthracene	2.45	0.100	mg/kg wet	3.333		73.6	46-117	19.0	20	
Benz(a)anthracene	3.53	0.100	mg/kg wet	3.333		106	43-139	9.17	20	
Benzo(a)pyrene	3.71	0.100	mg/kg wet	3.333		111	40-147	7.80	20	
Benzo(b)fluoranthene	3.44	0.100	mg/kg wet	3.333		103	40-157	1.76	25	
Benzo(g,h,i)perylene	4.38	0.100	mg/kg wet	3.333		131	37-159	30.6	25	R
Benzo(k)fluoranthene	3.13	0.100	mg/kg wet	3.333		94.0	32-123	9.31	40	
Chrysene	3.58	0.100	mg/kg wet	3.333		108	38-136	7.82	20	
Dibenz(a,h)anthracene	4.26	0.100	mg/kg wet	3.333		128	20-181	19.8	20	
Fluoranthene	2.88	0.100	mg/kg wet	3.333		86.5	49-118	0.906	20	
Fluorene	2.77	0.100	mg/kg wet	3.333		83.1	52-129	6.57	20	
Indeno(1,2,3-cd)pyrene	4.23	0.100	mg/kg wet	3.333		127	40-160	34.6	20	R
Naphthalene	2.93	0.100	mg/kg wet	3.333		87.8	39-118	20.2	20	R
Phenanthrene	2.95	0.100	mg/kg wet	3.333		88.5	46-109	5.58	20	
Pyrene	3.22	0.100	mg/kg wet	3.333		96.7	47-123	3.80	20	R
Surrogate: Nitrobenzene-d5	1.39		mg/kg wet	1.333		104	51-126			
Surrogate: 2-Fluorobiphenyl	1.27		mg/kg wet	1.333		95.4	56-121			
Surrogate: Terphenyl-d14	1.69		mg/kg wet	1.333		127	40-140			

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1031096 - PREP SVOC S

Matrix Spike (1031096-MS1)	Source: 10G0848-01			Prepared: 07/27/10		Analyzed: 07/31/10	
2-Methylnaphthalene	3.27	0.124	mg/kg dry	4.129	ND	79.1	42-117
Acenaphthene	3.17	0.124	mg/kg dry	4.129	ND	76.9	59-117
Acenaphthylene	3.49	0.124	mg/kg dry	4.129	ND	84.6	41-130
Anthracene	3.68	0.124	mg/kg dry	4.129	ND	89.2	40-121
Benz(a)anthracene	3.83	0.124	mg/kg dry	4.129	ND	92.8	30-137
Benzo(a)pyrene	4.29	0.124	mg/kg dry	4.129	ND	104	20-152
Benzo(b)fluoranthene	4.21	0.124	mg/kg dry	4.129	ND	102	19-173
Benzo(g,h,i)perylene	4.39	0.124	mg/kg dry	4.129	ND	106	40-139
Benzo(k)fluoranthene	4.05	0.124	mg/kg dry	4.129	ND	98.1	10-154
Chrysene	3.57	0.124	mg/kg dry	4.129	ND	86.4	36-125
Dibenz(a,h)anthracene	4.71	0.124	mg/kg dry	4.129	ND	114	48-139
Fluoranthene	3.47	0.124	mg/kg dry	4.129	ND	84.0	15-146
Fluorene	3.66	0.124	mg/kg dry	4.129	ND	88.7	46-134
Indeno(1,2,3-cd)pyrene	4.06	0.124	mg/kg dry	4.129	ND	98.3	44-144
Naphthalene	3.12	0.124	mg/kg dry	4.129	ND	75.6	33-121
Phenanthrene	3.41	0.124	mg/kg dry	4.129	ND	82.6	37-112
Pyrene	3.50	0.124	mg/kg dry	4.129	ND	84.9	10-163
Surrogate: Nitrobenzene-d5	1.18		mg/kg dry	1.651		71.3	51-126
Surrogate: 2-Fluorobiphenyl	1.58		mg/kg dry	1.651		95.4	56-121
Surrogate: Terphenyl-d14	1.24		mg/kg dry	1.651		75.3	40-140

Matrix Spike (1031096-MS2)	Source: 10G0848-22			Prepared: 07/27/10		Analyzed: 08/06/10	
2-Methylnaphthalene	3.22	0.121	mg/kg dry	4.041	ND	79.7	42-117
Acenaphthene	3.14	0.121	mg/kg dry	4.041	ND	77.7	59-117
Acenaphthylene	3.05	0.121	mg/kg dry	4.041	ND	75.5	41-130
Anthracene	2.67	0.121	mg/kg dry	4.041	ND	66.1	40-121
Benz(a)anthracene	4.52	0.121	mg/kg dry	4.041	ND	112	30-137
Benzo(a)pyrene	4.02	0.121	mg/kg dry	4.041	ND	99.4	20-152
Benzo(b)fluoranthene	3.92	0.121	mg/kg dry	4.041	ND	97.1	19-173
Benzo(g,h,i)perylene	4.53	0.121	mg/kg dry	4.041	ND	112	40-139
Benzo(k)fluoranthene	3.00	0.121	mg/kg dry	4.041	ND	74.3	10-154
Chrysene	3.97	0.121	mg/kg dry	4.041	ND	98.2	36-125
Dibenz(a,h)anthracene	4.41	0.121	mg/kg dry	4.041	ND	109	48-139
Fluoranthene	3.48	0.121	mg/kg dry	4.041	0.0266	85.5	15-146
Fluorene	3.33	0.121	mg/kg dry	4.041	ND	82.4	46-134
Indeno(1,2,3-cd)pyrene	4.51	0.121	mg/kg dry	4.041	ND	112	44-144
Naphthalene	3.27	0.121	mg/kg dry	4.041	0.275	74.2	33-121
Phenanthrene	3.17	0.121	mg/kg dry	4.041	ND	78.4	37-112
Pyrene	3.69	0.121	mg/kg dry	4.041	ND	91.2	10-163
Surrogate: Nitrobenzene-d5	1.47		mg/kg dry	1.617		90.8	51-126
Surrogate: 2-Fluorobiphenyl	1.29		mg/kg dry	1.617		80.1	56-121
Surrogate: Terphenyl-d14	2.03		mg/kg dry	1.617		126	40-140

CLIENT: LJB Engineers & Architects
 Project: Piqua-2

Lab Order: 10G0768

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 1031096 - PREP SVOC S

Matrix Spike Dup (1031096-MSD1)	Source: 10G0848-01			Prepared: 07/27/10		Analyzed: 08/01/10				
2-Methylnaphthalene	3.25	0.123	mg/kg dry	4.115	ND	79.0	42-117	0.544	36	
Acenaphthene	3.72	0.123	mg/kg dry	4.115	ND	90.5	59-117	16.0	24	
Acenaphthylene	3.53	0.123	mg/kg dry	4.115	ND	85.9	41-130	1.20	32	
Anthracene	3.94	0.123	mg/kg dry	4.115	ND	95.9	40-121	6.88	21	
Benz(a)anthracene	3.90	0.123	mg/kg dry	4.115	ND	94.8	30-137	1.75	14	
Benzo(a)pyrene	4.08	0.123	mg/kg dry	4.115	ND	99.1	20-152	5.14	25	
Benzo(b)fluoranthene	3.86	0.123	mg/kg dry	4.115	ND	93.9	19-173	8.55	29	
Benzo(g,h,i)perylene	4.17	0.123	mg/kg dry	4.115	ND	101	40-139	5.05	19	
Benzo(k)fluoranthene	4.18	0.123	mg/kg dry	4.115	ND	102	10-154	3.14	58	
Chrysene	3.93	0.123	mg/kg dry	4.115	ND	95.5	36-125	9.74	21	
Dibenz(a,h)anthracene	4.52	0.123	mg/kg dry	4.115	ND	110	48-139	4.24	24	
Fluoranthene	4.06	0.123	mg/kg dry	4.115	ND	98.7	15-146	15.7	40	
Fluorene	4.27	0.123	mg/kg dry	4.115	ND	104	46-134	15.4	29	
Indeno(1,2,3-cd)pyrene	3.84	0.123	mg/kg dry	4.115	ND	93.3	44-144	5.57	28	
Naphthalene	2.99	0.123	mg/kg dry	4.115	ND	72.7	33-121	4.33	15	
Phenanthrene	3.77	0.123	mg/kg dry	4.115	ND	91.7	37-112	10.1	13	
Pyrene	4.05	0.123	mg/kg dry	4.115	ND	98.3	10-163	14.3	20	
Surrogate: Nitrobenzene-d5	1.13		mg/kg dry	1.646		68.4	51-126			
Surrogate: 2-Fluorobiphenyl	1.81		mg/kg dry	1.646		110	56-121			
Surrogate: Terphenyl-d14	1.54		mg/kg dry	1.646		93.3	40-140			

Matrix Spike Dup (1031096-MSD2)	Source: 10G0848-22			Prepared: 07/27/10		Analyzed: 08/06/10				
2-Methylnaphthalene	3.37	0.120	mg/kg dry	4.010	ND	84.1	42-117	4.56	36	
Acenaphthene	3.17	0.120	mg/kg dry	4.010	ND	79.1	59-117	1.10	24	
Acenaphthylene	3.21	0.120	mg/kg dry	4.010	ND	80.2	41-130	5.12	32	
Anthracene	2.81	0.120	mg/kg dry	4.010	ND	70.1	40-121	5.22	21	
Benz(a)anthracene	3.81	0.120	mg/kg dry	4.010	ND	95.0	30-137	17.0	14	R
Benzo(a)pyrene	4.08	0.120	mg/kg dry	4.010	ND	102	20-152	1.67	25	
Benzo(b)fluoranthene	3.72	0.120	mg/kg dry	4.010	ND	92.7	19-173	5.46	29	
Benzo(g,h,i)perylene	4.25	0.120	mg/kg dry	4.010	ND	106	40-139	6.18	19	
Benzo(k)fluoranthene	3.63	0.120	mg/kg dry	4.010	ND	90.5	10-154	18.9	58	
Chrysene	3.99	0.120	mg/kg dry	4.010	ND	99.4	36-125	0.435	21	
Dibenz(a,h)anthracene	4.20	0.120	mg/kg dry	4.010	ND	105	48-139	4.85	24	
Fluoranthene	3.69	0.120	mg/kg dry	4.010	0.0266	91.4	15-146	5.86	40	
Fluorene	3.44	0.120	mg/kg dry	4.010	ND	85.7	46-134	3.15	29	
Indeno(1,2,3-cd)pyrene	4.03	0.120	mg/kg dry	4.010	ND	101	44-144	11.3	28	
Naphthalene	3.47	0.120	mg/kg dry	4.010	0.275	79.7	33-121	5.89	15	
Phenanthrene	3.29	0.120	mg/kg dry	4.010	ND	82.0	37-112	3.67	13	
Pyrene	3.92	0.120	mg/kg dry	4.010	ND	97.7	10-163	6.07	20	
Surrogate: Nitrobenzene-d5	1.57		mg/kg dry	1.604		97.8	51-126			
Surrogate: 2-Fluorobiphenyl	1.35		mg/kg dry	1.604		84.2	56-121			
Surrogate: Terphenyl-d14	2.03		mg/kg dry	1.604		126	40-140			

CLIENT: LJB Engineers & Architects
Project: Piqua-2

Lab Order: 10G0768

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.
- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- O-01 This compound is a common laboratory contaminant.
- M Matrix spike and/or matrix spike duplicate recovery outside of acceptance limits.
- L Laboratory control sample recovery outside of acceptance limits high, sample results are below detection limits. Sample data is still acceptable.
- B Analyte is found in the associated blank as well as in the sample.
- A-01d Spike recovery was out, but within the ME.
- A-01c Spike outside of established limits. QC meet VAP requirements.
- A-01b Sonicator horns were contaminated with Naphthalene. All Naphthalene results are result of lab contamination confirmed by 8260 results.
- A-01a LCSD/MS/MSD are within limits.
- A-01 associated internal standard is low. The analyte would be biased high, but the sample is BDL.

Sample preservation was met unless otherwise noted.