PDC Laboratories, Inc.
3278 N Highway 67 • Florissant, MO 63033
(314) 432-0550 • (800) 333-FAST • FAX (314) 432-4977

Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-01**
Sample Description: **TCLP I/IV A**

Collect Date: **08/27/13 12:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
General Chemistry - PIA						
Total Organic Carbon (TOC)	22000 mg/L		09/04/13 23:13	lgpi	5310C	KS,IL,IA,WI, AR
General Chemistry - STL						
Solids - total solids (TS)	61000 mg/L		08/30/13 13:15	ACV	SM 2540B 18Ed*	
Semivolatile Organics - PIA						
N-Nitrosodimethylamine	33000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Pyridine	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Phenol	19000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Aniline	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,KS,WI
Bis(2-chloroethyl) ether	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Chlorophenol	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
1,3-Dichlorobenzene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
1,4-Dichlorobenzene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzyl alcohol	7600 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
1,2-Dichlorobenzene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Methylphenol	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroisopropyl) ether	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodi-n-propylamine	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
3- & 4-Methylphenol	11000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Hexachloroethane	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Nitrobenzene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Isophorone	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Nitrophenol	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4-Dimethylphenol	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI

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Laboratory Results

Sample No: **3084458-01**
Sample Description: **TCLP I/IV A**

Collect Date: **08/27/13 12:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Bis(2-chloroethoxy) methane	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4-Dichlorophenol	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
1,2,4-Trichlorobenzene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
1,2,4,5-Tetrachlorobenzene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,KS,WI
Naphthalene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Chloroaniline	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
2,6-Dichlorophenol	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobutadiene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Chloro-3-methylphenol	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Methylnaphthalene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Hexachlorocyclopentadiene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4,6-Trichlorophenol	< 10000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4,5-Trichlorophenol	< 10000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Chloronaphthalene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Nitroaniline	< 10000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Dimethyl phthalate	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
2,6-Dinitrotoluene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Acenaphthylene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
3-Nitroaniline	< 10000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Acenaphthene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrophenol	< 10000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Nitrophenol	< 10000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI

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Laboratory Results

Sample No: **3084458-01**
Sample Description: **TCLP I/IV A**

Collect Date: **08/27/13 12:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Dibenzofuran	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrotoluene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
2,3,4,6-Tetrachlorophenol	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,KS,WI
Diethyl phthalate	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Fluorene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Chlorophenylphenyl ether	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Nitroaniline	< 10000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
4,6-Dinitro-2-methylphenol	< 10000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodiphenylamine	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,KS,WI
Diphenylamine	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR
1,2-Diphenylhydrazine	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,KS
4-Bromophenyl phenyl ether	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobenzene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Pentachlorophenol	< 10000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Phenanthrene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Anthracene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Di-n-butyl phthalate	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Fluoranthene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzidine	< 16000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,KS,WI
Pyrene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Butyl benzyl phthalate	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)anthracene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
3,3'-Dichlorobenzidine	< 4000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI

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Sample Description: **TCLP I/IV A**

Collect Date: **08/27/13 12:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Chrysene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Bis(2-ethylhexyl) phthalate	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Di-n-octyl phthalate	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(b)fluoranthene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(k)fluoranthene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)pyrene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Cresols- Total	< 4000 ug/L		09/06/13 16:03	SNS	SW 8270C*	
3-Methylcholanthrene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,KS,WI
Indeno(1,2,3-cd)pyrene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Dibenzo(a,h)anthracene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(g,h,i)perylene	< 2000 ug/L		09/06/13 16:03	SNS	SW 8270C	IL,AR,IA,KS, WI
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		09/06/13 01:10	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L	Q3	09/06/13 01:10	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L	Q3	09/06/13 01:10	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		09/06/13 01:10	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		09/06/13 01:10	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 250 ug/L		09/06/13 01:10	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS

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Laboratory Results

Sample No: **3084458-01**
Sample Description: **TCLP I/IV A**

Collect Date: **08/27/13 12:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,2-Dichloroethane	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 250 ug/L		09/06/13 01:10	BP	SW 8260B*	
1,4-Dichlorobenzene	120 ug/L	Q2	09/06/13 01:10	BP	SW 8260B	04KS
1,4-Dioxane	< 1200 ug/L		09/06/13 01:10	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
2-Butanone	46000 ug/L		09/05/13 21:08	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
2-Chlorotoluene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
2-Hexanone	760 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	1200 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Acetone	81000 ug/L		09/05/13 21:08	BP	SW 8260B	04KS
Acetonitrile	< 1200 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Acrolein	< 1200 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Benzene	890 ug/L	Q3	09/06/13 01:10	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L	Q2	09/06/13 01:10	BP	SW 8260B	04KS
Bromoform	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Carbon disulfide	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L	Q3	09/06/13 01:10	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L	Q3	09/06/13 01:10	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L	Q3	09/06/13 01:10	BP	SW 8260B	04KS
Chloroform	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L	Q3	09/06/13 01:10	BP	SW 8260B	04KS

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Date Received: 08/29/13 14:56
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Laboratory Results

Sample No: **3084458-01**
Sample Description: **TCLP I/IV A**

Collect Date: **08/27/13 12:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
cis-1,2-Dichloroethene	< 120 ug/L	Q3	09/06/13 01:10	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L	Q3	09/06/13 01:10	BP	SW 8260B	04KS
Dibromochloromethane	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Ethyl methacrylate	< 120 ug/L		09/06/13 01:10	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L	Q2	09/06/13 01:10	BP	SW 8260B	04KS
Hexachlorobutadiene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Isobutanol	100000 ug/L		09/05/13 21:08	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
m,p-Xylene	< 250 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		09/06/13 01:10	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L	Q2	09/06/13 01:10	BP	SW 8260B	04KS
MTBE	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Naphthalene	140 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
n-Butylbenzene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
n-Propylbenzene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
p-Isopropyl toluene	250 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Styrene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Tetrachloroethene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
Toluene	160 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		09/06/13 01:10	BP	SW 8260B*	
Trichloroethene	< 120 ug/L	Q3	09/06/13 01:10	BP	SW 8260B	04KS
Trichlorofluoromethane	< 120 ug/L	Q3	09/06/13 01:10	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		09/06/13 01:10	BP	SW 8260B	04KS

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Date Received: 08/29/13 14:56
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Laboratory Results

Sample No: **3084458-01**
Sample Description: **TCLP I/IV A**

Collect Date: **08/27/13 12:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Vinyl chloride	< 120 ug/L	Q3	09/06/13 01:10	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		09/06/13 01:10	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*85 % 65.6-134*		*09/06/13 01:10*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*96 % 61-140*		*09/06/13 01:10*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*89 % 75.4-120*		*09/06/13 01:10*	*BP*	*SW 8260B*	
Volatile Organics - TCLP - STL						
1,1-Dichloroethene	< 200 ug/L		09/05/13 14:06	BP	SW 8260B*	
1,2-Dichloroethane	< 200 ug/L		09/05/13 14:06	BP	SW 8260B*	
1,4-Dichlorobenzene	< 200 ug/L		09/05/13 14:06	BP	SW 8260B*	
2-Butanone	2500 ug/L		09/05/13 14:06	BP	SW 8260B*	
Benzene	< 200 ug/L		09/05/13 14:06	BP	SW 8260B*	
Carbon tetrachloride	< 200 ug/L		09/05/13 14:06	BP	SW 8260B*	
Chlorobenzene	< 200 ug/L		09/05/13 14:06	BP	SW 8260B*	
Chloroform	< 200 ug/L		09/05/13 14:06	BP	SW 8260B*	
Tetrachloroethene	< 200 ug/L		09/05/13 14:06	BP	SW 8260B*	
Trichloroethene	< 200 ug/L		09/05/13 14:06	BP	SW 8260B*	
Vinyl chloride	< 200 ug/L		09/05/13 14:06	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*85 % 56.1-142*		*09/05/13 14:06*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*86 % 68.1-121*		*09/05/13 14:06*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*96 % 64.1-128*		*09/05/13 14:06*	*BP*	*SW 8260B*	

Sample No: **3084458-02**
Sample Description: **TCLP I/IV B**

Collect Date: **08/27/13 12:25**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
N-Nitrosodimethylamine	3700 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Pyridine	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Phenol	17000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Aniline	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,KS,WI

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-02**
Sample Description: **TCLP I/IV B**

Collect Date: **08/27/13 12:25**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Bis(2-chloroethyl) ether	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Chlorophenol	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
1,3-Dichlorobenzene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
1,4-Dichlorobenzene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzyl alcohol	7200 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
1,2-Dichlorobenzene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Methylphenol	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroisopropyl) ether	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodi-n-propylamine	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
3- & 4-Methylphenol	11000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Hexachloroethane	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Nitrobenzene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Isophorone	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Nitrophenol	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4-Dimethylphenol	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroethoxy) methane	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4-Dichlorophenol	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
1,2,4-Trichlorobenzene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
1,2,4,5-Tetrachlorobenzene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,KS,WI
Naphthalene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Chloroaniline	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
2,6-Dichlorophenol	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI

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Laboratory Results

Sample No: **3084458-02**
Sample Description: **TCLP I/IV B**

Collect Date: **08/27/13 12:25**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Hexachlorobutadiene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Chloro-3-methylphenol	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Methylnaphthalene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Hexachlorocyclopentadiene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4,6-Trichlorophenol	< 10000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4,5-Trichlorophenol	< 10000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Chloronaphthalene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Nitroaniline	< 10000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Dimethyl phthalate	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
2,6-Dinitrotoluene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Acenaphthylene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
3-Nitroaniline	< 10000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Acenaphthene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrophenol	< 10000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Nitrophenol	< 10000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Dibenzofuran	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrotoluene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
2,3,4,6-Tetrachlorophenol	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,KS,WI
Diethyl phthalate	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Fluorene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Chlorophenylphenyl ether	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Nitroaniline	< 10000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI

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Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-02**
Sample Description: **TCLP I/IV B**

Collect Date: **08/27/13 12:25**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
4,6-Dinitro-2-methylphenol	< 10000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodiphenylamine	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,KS,WI
Diphenylamine	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR
1,2-Diphenylhydrazine	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,KS
4-Bromophenyl phenyl ether	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobenzene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Pentachlorophenol	< 10000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Phenanthrene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Anthracene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Di-n-butyl phthalate	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Fluoranthene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzidine	< 16000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,KS,WI
Pyrene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Butyl benzyl phthalate	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)anthracene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
3,3'-Dichlorobenzidine	< 4000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Chrysene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Bis(2-ethylhexyl) phthalate	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Di-n-octyl phthalate	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(b)fluoranthene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(k)fluoranthene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)pyrene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Cresols- Total	< 4000 ug/L		09/06/13 16:29	SNS	SW 8270C*	
3-Methylcholanthrene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,KS,WI

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Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-02**
Sample Description: **TCLP I/IV B**

Collect Date: **08/27/13 12:25**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Indeno(1,2,3-cd)pyrene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Dibenzo(a,h)anthracene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(g,h,i)perylene	< 2000 ug/L		09/06/13 16:29	SNS	SW 8270C	IL,AR,IA,KS, WI
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		09/06/13 01:34	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		09/06/13 01:34	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		09/06/13 01:34	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 250 ug/L		09/06/13 01:34	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,2-Dichloroethane	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 250 ug/L		09/06/13 01:34	BP	SW 8260B*	
1,4-Dichlorobenzene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
1,4-Dioxane	< 1200 ug/L		09/06/13 01:34	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
2-Butanone	27000 ug/L		09/05/13 21:32	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS

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13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-02**
Sample Description: **TCLP I/IV B**

Collect Date: **08/27/13 12:25**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
2-Chlorotoluene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
2-Hexanone	630 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	970 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Acetone	81000 ug/L		09/05/13 21:32	BP	SW 8260B	04KS
Acetonitrile	< 1200 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Acrolein	< 1200 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Benzene	630 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Bromoform	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Carbon disulfide	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Chloroform	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Dibromochloromethane	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Ethyl methacrylate	< 120 ug/L		09/06/13 01:34	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Hexachlorobutadiene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Isobutanol	85000 ug/L		09/05/13 21:32	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS

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Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-02**
Sample Description: **TCLP I/IV B**

Collect Date: **08/27/13 12:25**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
m,p-Xylene	< 250 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		09/06/13 01:34	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
MTBE	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Naphthalene	120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
n-Butylbenzene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
n-Propylbenzene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
p-Isopropyl toluene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Styrene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Tetrachloroethene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Toluene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B*	
Trichloroethene	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Trichlorofluoromethane	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Vinyl chloride	< 120 ug/L		09/06/13 01:34	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		09/06/13 01:34	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*86 % 65.6-134*		*09/06/13 01:34*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*96 % 61-140*		*09/06/13 01:34*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*91 % 75.4-120*		*09/06/13 01:34*	*BP*	*SW 8260B*	

Sample No: **3084458-03**
Sample Description: **TCLP I/IV C**

Collect Date: **08/27/13 12:35**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method

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St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-03**
Sample Description: **TCLP I/IV C**

Collect Date: **08/27/13 12:35**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
N-Nitrosodimethylamine	5200 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Pyridine	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Phenol	19000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Aniline	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,KS,WI
Bis(2-chloroethyl) ether	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Chlorophenol	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
1,3-Dichlorobenzene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
1,4-Dichlorobenzene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzyl alcohol	7200 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
1,2-Dichlorobenzene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Methylphenol	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroisopropyl) ether	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodi-n-propylamine	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
3- & 4-Methylphenol	9800 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Hexachloroethane	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Nitrobenzene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Isophorone	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Nitrophenol	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4-Dimethylphenol	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroethoxy) methane	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4-Dichlorophenol	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
1,2,4-Trichlorobenzene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI

PDC Laboratories, Inc.
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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-03**
Sample Description: **TCLP I/IV C**

Collect Date: **08/27/13 12:35**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
1,2,4,5-Tetrachlorobenzene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,KS,WI
Naphthalene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Chloroaniline	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
2,6-Dichlorophenol	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobutadiene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Chloro-3-methylphenol	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Methylnaphthalene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Hexachlorocyclopentadiene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4,6-Trichlorophenol	< 10000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4,5-Trichlorophenol	< 10000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Chloronaphthalene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Nitroaniline	< 10000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Dimethyl phthalate	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
2,6-Dinitrotoluene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Acenaphthylene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
3-Nitroaniline	< 10000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Acenaphthene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrophenol	< 10000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Nitrophenol	< 10000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Dibenzofuran	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrotoluene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
2,3,4,6-Tetrachlorophenol	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,KS,WI

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Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-03**
Sample Description: **TCLP I/IV C**

Collect Date: **08/27/13 12:35**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Diethyl phthalate	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Fluorene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Chlorophenylphenyl ether	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Nitroaniline	< 10000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
4,6-Dinitro-2-methylphenol	< 10000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodiphenylamine	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,KS,WI
Diphenylamine	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR
1,2-Diphenylhydrazine	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,KS
4-Bromophenyl phenyl ether	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobenzene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Pentachlorophenol	< 10000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Phenanthrene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Anthracene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Di-n-butyl phthalate	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Fluoranthene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzidine	< 16000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,KS,WI
Pyrene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Butyl benzyl phthalate	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)anthracene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
3,3'-Dichlorobenzidine	< 4000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Chrysene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Bis(2-ethylhexyl) phthalate	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Di-n-octyl phthalate	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI

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13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-03**
Sample Description: **TCLP I/IV C**

Collect Date: **08/27/13 12:35**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Benzo(b)fluoranthene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(k)fluoranthene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)pyrene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Cresols- Total	< 4000 ug/L		09/06/13 16:58	SNS	SW 8270C*	
3-Methylcholanthrene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,KS,WI
Indeno(1,2,3-cd)pyrene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Dibenzo(a,h)anthracene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(g,h,i)perylene	< 2000 ug/L		09/06/13 16:58	SNS	SW 8270C	IL,AR,IA,KS, WI
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		09/06/13 01:58	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		09/06/13 01:58	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		09/06/13 01:58	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 250 ug/L		09/06/13 01:58	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
1,2-Dichloroethane	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-03**
Sample Description: **TCLP I/IV C**

Collect Date: **08/27/13 12:35**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,3-Dichloropropene - Total	< 250 ug/L		09/06/13 01:58	BP	SW 8260B*	
1,4-Dichlorobenzene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
1,4-Dioxane	< 1200 ug/L		09/06/13 01:58	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
2-Butanone	36000 ug/L		09/05/13 21:56	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
2-Chlorotoluene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
2-Hexanone	810 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	970 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Acetone	79000 ug/L		09/05/13 21:56	BP	SW 8260B	04KS
Acetonitrile	< 1200 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Acrolein	< 1200 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Benzene	610 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Bromoform	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Carbon disulfide	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Chloroform	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Dibromochloromethane	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		09/06/13 01:58	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-03**
Sample Description: **TCLP I/IV C**

Collect Date: **08/27/13 12:35**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Ethyl methacrylate	< 120 ug/L		09/06/13 01:58	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Hexachlorobutadiene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Isobutanol	87000 ug/L		09/05/13 21:56	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
m,p-Xylene	< 250 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		09/06/13 01:58	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
MTBE	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Naphthalene	130 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
n-Butylbenzene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
n-Propylbenzene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
p-Isopropyl toluene	160 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Styrene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Tetrachloroethene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Toluene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B*	
Trichloroethene	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Trichlorofluoromethane	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Vinyl chloride	< 120 ug/L		09/06/13 01:58	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		09/06/13 01:58	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*90 % 65.6-134*		*09/06/13 01:58*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*93 % 61-140*		*09/06/13 01:58*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*92 % 75.4-120*		*09/06/13 01:58*	*BP*	*SW 8260B*	

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-04**
Sample Description: **TCLP I/IV D**

Collect Date: **08/27/13 12:45**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
N-Nitrosodimethylamine	4300 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Pyridine	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Phenol	19000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Aniline	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,KS,WI
Bis(2-chloroethyl) ether	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Chlorophenol	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
1,3-Dichlorobenzene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
1,4-Dichlorobenzene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzyl alcohol	7400 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
1,2-Dichlorobenzene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Methylphenol	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroisopropyl) ether	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodi-n-propylamine	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
3- & 4-Methylphenol	11000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Hexachloroethane	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Nitrobenzene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Isophorone	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Nitrophenol	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4-Dimethylphenol	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroethoxy) methane	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4-Dichlorophenol	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
1,2,4-Trichlorobenzene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-04**
Sample Description: **TCLP I/IV D**

Collect Date: **08/27/13 12:45**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
1,2,4,5-Tetrachlorobenzene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,KS,WI
Naphthalene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Chloroaniline	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
2,6-Dichlorophenol	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobutadiene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Chloro-3-methylphenol	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Methylnaphthalene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Hexachlorocyclopentadiene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4,6-Trichlorophenol	< 10000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4,5-Trichlorophenol	< 10000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Chloronaphthalene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
2-Nitroaniline	< 10000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Dimethyl phthalate	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
2,6-Dinitrotoluene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Acenaphthylene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
3-Nitroaniline	< 10000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Acenaphthene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrophenol	< 10000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Nitrophenol	< 10000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Dibenzofuran	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrotoluene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
2,3,4,6-Tetrachlorophenol	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,KS,WI

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Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-04**
Sample Description: **TCLP I/IV D**

Collect Date: **08/27/13 12:45**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Diethyl phthalate	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Fluorene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Chlorophenylphenyl ether	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
4-Nitroaniline	< 10000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
4,6-Dinitro-2-methylphenol	< 10000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodiphenylamine	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,KS,WI
Diphenylamine	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR
1,2-Diphenylhydrazine	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,KS
4-Bromophenyl phenyl ether	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobenzene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Pentachlorophenol	< 10000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Phenanthrene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Anthracene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Di-n-butyl phthalate	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Fluoranthene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzidine	< 16000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,KS,WI
Pyrene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Butyl benzyl phthalate	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)anthracene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
3,3'-Dichlorobenzidine	< 4000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Chrysene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Bis(2-ethylhexyl) phthalate	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Di-n-octyl phthalate	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI

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Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-04**
Sample Description: **TCLP I/IV D**

Collect Date: **08/27/13 12:45**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Benzo(b)fluoranthene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(k)fluoranthene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)pyrene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Cresols- Total	< 4000 ug/L		09/06/13 17:27	SNS	SW 8270C*	
3-Methylcholanthrene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,KS,WI
Indeno(1,2,3-cd)pyrene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Dibenzo(a,h)anthracene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Benzo(g,h,i)perylene	< 2000 ug/L		09/06/13 17:27	SNS	SW 8270C	IL,AR,IA,KS, WI
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		09/06/13 02:22	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		09/06/13 02:22	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		09/06/13 02:22	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 250 ug/L		09/06/13 02:22	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
1,2-Dichloroethane	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-04**
Sample Description: **TCLP I/IV D**

Collect Date: **08/27/13 12:45**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,3-Dichloropropene - Total	< 250 ug/L		09/06/13 02:22	BP	SW 8260B*	
1,4-Dichlorobenzene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
1,4-Dioxane	< 1200 ug/L		09/06/13 02:22	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
2-Butanone	32000 ug/L		09/05/13 22:20	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
2-Chlorotoluene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
2-Hexanone	610 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	940 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Acetone	63000 ug/L		09/05/13 22:20	BP	SW 8260B	04KS
Acetonitrile	< 1200 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Acrolein	< 1200 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Benzene	510 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Bromoform	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Carbon disulfide	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Chloroform	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Dibromochloromethane	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		09/06/13 02:22	BP	SW 8260B	04KS

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13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-04**
Sample Description: **TCLP I/IV D**

Collect Date: **08/27/13 12:45**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Ethyl methacrylate	< 120 ug/L		09/06/13 02:22	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Hexachlorobutadiene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Isobutanol	86000 ug/L		09/05/13 22:20	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
m,p-Xylene	< 250 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		09/06/13 02:22	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
MTBE	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Naphthalene	130 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
n-Butylbenzene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
n-Propylbenzene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
p-Isopropyl toluene	120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Styrene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Tetrachloroethene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Toluene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B*	
Trichloroethene	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Trichlorofluoromethane	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Vinyl chloride	< 120 ug/L		09/06/13 02:22	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		09/06/13 02:22	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*86 % 65.6-134*		*09/06/13 02:22*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*95 % 61-140*		*09/06/13 02:22*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*87 % 75.4-120*		*09/06/13 02:22*	*BP*	*SW 8260B*	

3084458

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-05**
Sample Description: **Trip Blank**

Collect Date: **08/27/13 00:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 10 ug/L		09/05/13 22:45	BP	SW 8260B*	
1,1,2-Trichloroethane	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,1-Dichloroethane	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,1-Dichloroethene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,1-Dichloropropene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B*	
1,2-Dibromoethane	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 10 ug/L		09/05/13 22:45	BP	SW 8260B*	
1,2-Dichlorobenzene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,2-Dichloroethane	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,2-Dichloropropane	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,3-Dichloropropane	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 10 ug/L		09/05/13 22:45	BP	SW 8260B*	
1,4-Dichlorobenzene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
1,4-Dioxane	< 50 ug/L		09/05/13 22:45	BP	SW 8260B*	
2,2-Dichloropropane	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
2-Butanone	< 10 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
2-Chlorotoluene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
2-Hexanone	< 10 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
2-Nitropropane	< 10 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
4-Chlorotoluene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	< 10 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Acetone	< 10 ug/L		09/05/13 22:45	BP	SW 8260B	04KS

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Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-05**
Sample Description: **Trip Blank**

Collect Date: **08/27/13 00:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Acetonitrile	< 50 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Acrolein	< 50 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Acrylonitrile	< 10 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Allyl Chloride	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Benzene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Bromobenzene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Bromochloromethane	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Bromodichloromethane	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Bromoform	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Bromomethane	< 10 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Carbon disulfide	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Carbon tetrachloride	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Chlorobenzene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Chloroethane	< 10 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Chloroform	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Chloromethane	< 10 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Dibromochloromethane	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Dibromomethane	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 10 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Ethyl methacrylate	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B*	
Ethylbenzene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Hexachlorobutadiene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Iodomethane	< 10 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Isobutanol	< 50 ug/L		09/05/13 22:45	BP	SW 8260B*	
Isopropylbenzene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
m,p-Xylene	< 10 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Methacrylonitrile	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B*	
Methyl methacrylate	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Methylene chloride	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
MTBE	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Naphthalene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Sample No: **3084458-05**
Sample Description: **Trip Blank**

Collect Date: **08/27/13 00:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
n-Butylbenzene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
n-Propylbenzene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
o-Xylene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
p-Isopropyl toluene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Propionitrile	< 10 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
sec-Butylbenzene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Styrene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
tert-Butylbenzene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Tetrachloroethene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Toluene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B*	
Trichloroethene	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Trichlorofluoromethane	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Vinyl acetate	< 10 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Vinyl chloride	< 5.0 ug/L		09/05/13 22:45	BP	SW 8260B	04KS
Xylenes- Total	< 15 ug/L		09/05/13 22:45	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*83 % 65.6-134*		*09/05/13 22:45*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*83 % 61-140*		*09/05/13 22:45*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*86 % 75.4-120*		*09/05/13 22:45*	*BP*	*SW 8260B*	

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Customer #: 277310

Laboratory Results

General Chemistry - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B314834 - 04-No Prep WC								
Duplicate (B314834-DUP1)	**Source: 3084458-01**		Prepared & Analyzed: 08/30/13					
Solids - total solids (TS)	59400	mg/L		61200			3	5

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315016 - 04-No Prep VOA								
Blank (B315016-BLK1)			Prepared & Analyzed: 09/05/13					
1,1,1,2-Tetrachloroethane	< 5.0	ug/L						
1,1,1-Trichloroethane	< 5.0	ug/L						
1,1,2,2-Tetrachloroethane	< 5.0	ug/L						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 10	ug/L						
1,1,2-Trichloroethane	< 5.0	ug/L						
1,1-Dichloroethane	< 5.0	ug/L						
1,1-Dichloroethene	< 5.0	ug/L						
1,1-Dichloropropene	< 5.0	ug/L						
1,2,3-Trichlorobenzene	< 5.0	ug/L						
1,2,3-Trichloropropane	< 5.0	ug/L						
1,2,4-Trichlorobenzene	< 5.0	ug/L						
1,2,4-Trimethylbenzene	< 5.0	ug/L						
1,2-Dibromo-3-chloropropane	< 5.0	ug/L						
1,2-Dibromoethane	< 5.0	ug/L						
1,2-Dichloroethene- Total	< 10	ug/L						
1,2-Dichlorobenzene	< 5.0	ug/L						
1,2-Dichloroethane	< 5.0	ug/L						
1,2-Dichloropropane	< 5.0	ug/L						
1,3,5-Trimethylbenzene	< 5.0	ug/L						
1,3-Dichlorobenzene	< 5.0	ug/L						
1,3-Dichloropropane	< 5.0	ug/L						
1,3-Dichloropropene - Total	< 10	ug/L						
1,4-Dichlorobenzene	< 5.0	ug/L						
1,4-Dioxane	< 50	ug/L						
2,2-Dichloropropane	< 5.0	ug/L						
2-Butanone	< 10	ug/L						
2-Chloroethylvinyl ether	< 5.0	ug/L						
2-Chlorotoluene	< 5.0	ug/L						
2-Hexanone	< 10	ug/L						

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Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315016 - 04-No Prep VOA								
Blank (B315016-BLK1)			Prepared & Analyzed: 09/05/13					
2-Nitropropane	< 10	ug/L						
4-Chlorotoluene	< 5.0	ug/L						
4-Methyl-2-pentanone (MIBK)	< 10	ug/L						
Acetone	< 10	ug/L						
Acetonitrile	< 50	ug/L						
Acrolein	< 50	ug/L						
Acrylonitrile	< 10	ug/L						
Allyl Chloride	< 5.0	ug/L						
Benzene	< 5.0	ug/L						
Bromobenzene	< 5.0	ug/L						
Bromochloromethane	< 5.0	ug/L						
Bromodichloromethane	< 5.0	ug/L						
Bromoform	< 5.0	ug/L						
Bromomethane	< 10	ug/L						
Carbon disulfide	< 5.0	ug/L						
Carbon tetrachloride	< 5.0	ug/L						
Chlorobenzene	< 5.0	ug/L						
Chloroethane	< 10	ug/L						
Chloroform	< 5.0	ug/L						
Chloromethane	< 10	ug/L						
cis-1,2-Dichloroethene	< 5.0	ug/L						
cis-1,3-Dichloropropene	< 5.0	ug/L						
Dibromochloromethane	< 5.0	ug/L						
Dibromomethane	< 5.0	ug/L						
Dichlorodifluoromethane	< 10	ug/L						
Ethyl methacrylate	< 5.0	ug/L						
Ethylbenzene	< 5.0	ug/L						
Hexachlorobutadiene	< 5.0	ug/L						
Iodomethane	< 10	ug/L						
Isobutanol	< 50	ug/L						
Isopropylbenzene	< 5.0	ug/L						
m,p-Xylene	< 10	ug/L						
Methacrylonitrile	< 5.0	ug/L						
Methyl methacrylate	< 5.0	ug/L						
Methylene chloride	< 5.0	ug/L						
MTBE	< 5.0	ug/L						
Naphthalene	< 5.0	ug/L						
n-Butylbenzene	< 5.0	ug/L						
n-Propylbenzene	< 5.0	ug/L						

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Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315016 - 04-No Prep VOA								
Blank (B315016-BLK1)			Prepared & Analyzed: 09/05/13					
o-Xylene	< 5.0	ug/L						
p-Isopropyl toluene	< 5.0	ug/L						
Propionitrile	< 10	ug/L						
sec-Butylbenzene	< 5.0	ug/L						
Styrene	< 5.0	ug/L						
tert-Butylbenzene	< 5.0	ug/L						
Tetrachloroethene	< 5.0	ug/L						
Toluene	< 5.0	ug/L						
trans-1,2-Dichloroethene	< 5.0	ug/L						
trans-1,3-Dichloropropene	< 5.0	ug/L						
trans-1,4-Dichloro-2-butene	< 5.0	ug/L						
Trichloroethene	< 5.0	ug/L						
Trichlorofluoromethane	< 5.0	ug/L						
Vinyl acetate	< 10	ug/L						
Vinyl chloride	< 5.0	ug/L						
Xylenes- Total	< 15	ug/L						
Surrogate: 1,2-Dichloroethane-d4	*28.5*	*ug/L*	*30.00*		*95*	*65.6-134*		
Surrogate: Bromofluorobenzene	*26.4*	*ug/L*	*30.00*		*88*	*61-140*		
Surrogate: Toluene-d8	*27.7*	*ug/L*	*30.00*		*92*	*75.4-120*		
LCS (B315016-BS1)			Prepared & Analyzed: 09/05/13					
1,1,1-Trichloroethane	17	ug/L	20.00		85	75-125		
1,1,2,2-Tetrachloroethane	18	ug/L	20.00		89	73-129		
1,1,2-Trichloroethane	19	ug/L	20.00		93	73-129		
1,1-Dichloroethane	18	ug/L	20.00		88	75-140		
1,1-Dichloroethene	17	ug/L	20.00		85	71-136		
1,2-Dichlorobenzene	18	ug/L	20.00		92	70-122		
1,2-Dichloroethane	19	ug/L	20.00		97	77-126		
1,2-Dichloropropane	19	ug/L	20.00		93	80-126		
1,3-Dichlorobenzene	22	ug/L	20.00		109	77-125		
1,4-Dichlorobenzene	19	ug/L	20.00		94	74-119		
2-Chloroethylvinyl ether	20	ug/L	20.00		100	59-127		
Acrolein	120	ug/L	200.0		60	36-139		
Acrylonitrile	15	ug/L	20.00		77	43-133		
Benzene	19	ug/L	20.00		96	75-123		
Bromodichloromethane	19	ug/L	20.00		97	72-126		
Bromoform	20	ug/L	20.00		98	50-121		
Bromomethane	20	ug/L	20.00		98	19-149		
Carbon tetrachloride	16	ug/L	20.00		81	75-123		
Chlorobenzene	19	ug/L	20.00		96	76-121		

3084458

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Laboratory Results

Volatile Organics - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315016 - 04-No Prep VOA									
LCS (B315016-BS1)				Prepared & Analyzed: 09/05/13					
Chloroethane		21	ug/L	20.00		104	24-151		
Chloroform		19	ug/L	20.00		93	73-136		
Chloromethane		21	ug/L	20.00		105	44-126		
cis-1,3-Dichloropropene		19	ug/L	20.00		96	79-121		
Dibromochloromethane		19	ug/L	20.00		94	73-122		
Ethylbenzene		19	ug/L	20.00		95	76-129		
m,p-Xylene		39	ug/L	40.00		96	71-123		
Methylene chloride		18	ug/L	20.00		89	76-143		
o-Xylene		20	ug/L	20.00		100	72-123		
Tetrachloroethene	C, X	31	ug/L	20.00		156	53-147		
Toluene		19	ug/L	20.00		97	75-128		
trans-1,2-Dichloroethene		18	ug/L	20.00		92	72-136		
trans-1,3-Dichloropropene		20	ug/L	20.00		100	72-120		
Trichloroethene		18	ug/L	20.00		88	74-131		
Trichlorofluoromethane		21	ug/L	20.00		103	68-134		
Vinyl chloride		20	ug/L	20.00		102	48-129		
Surrogate: 1,2-Dichloroethane-d4		*26.3*	*ug/L*	*30.00*		*88*	*60.5-136*		
Surrogate: Bromofluorobenzene		*26.7*	*ug/L*	*30.00*		*89*	*71.3-122*		
Surrogate: Toluene-d8		*25.8*	*ug/L*	*30.00*		*86*	*71.9-118*		
Matrix Spike (B315016-MS1)		**Source: 3084458-01**		Prepared: 09/05/13 Analyzed: 09/06/13					
1,1,1-Trichloroethane		177	ug/L	500.0	ND	35	27-153		
1,1,2,2-Tetrachloroethane		465	ug/L	500.0	ND	93	32-186		
1,1,2-Trichloroethane		509	ug/L	500.0	ND	102	38-171		
1,1-Dichloroethane	Q3	187	ug/L	500.0	ND	37	39-162		
1,1-Dichloroethene	Q3	94	ug/L	500.0	ND	19	25-172		
1,2-Dichlorobenzene		382	ug/L	500.0	ND	76	57-129		
1,2-Dichloroethane		315	ug/L	500.0	ND	63	60-135		
1,2-Dichloropropane		280	ug/L	500.0	ND	56	55-140		
1,3-Dichlorobenzene		341	ug/L	500.0	ND	68	53-133		
1,4-Dichlorobenzene		425	ug/L	500.0	120	61	61-125		
Acrolein		3490	ug/L	5000	ND	70	25-187		
Acrylonitrile		423	ug/L	500.0	ND	85	39-135		
Benzene	Q3	1050	ug/L	500.0	894	31	39-150		
Bromodichloromethane		291	ug/L	500.0	ND	58	58-135		
Bromoform		385	ug/L	500.0	ND	77	34-123		
Bromomethane		168	ug/L	500.0	ND	34	25-148		
Carbon tetrachloride	Q3	103	ug/L	500.0	ND	21	25-157		
Chlorobenzene	Q3	267	ug/L	500.0	ND	53	59-131		
Chloroethane	Q3	112	ug/L	500.0	ND	22	25-154		

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Laboratory Results

Volatile Organics - Quality Control

Analyte		Result		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315016 - 04-No Prep VOA										
Matrix Spike (B315016-MS1)		**Source: 3084458-01**			Prepared: 09/05/13 Analyzed: 09/06/13					
Chloroform		272		ug/L	500.0	ND	54	48-153		
Chloromethane	Q3	< 250		ug/L	500.0	ND		25-150		
cis-1,3-Dichloropropene	Q3	277		ug/L	500.0	ND	55	60-131		
Dibromochloromethane		303		ug/L	500.0	ND	61	57-130		
Ethylbenzene		327		ug/L	500.0	113	43	42-146		
m,p-Xylene		584		ug/L	1000	125	46	37-143		
Methylene chloride		268		ug/L	500.0	ND	54	52-162		
o-Xylene		351		ug/L	500.0	72	56	46-139		
Tetrachloroethene		175		ug/L	500.0	ND	35	25-134		
Toluene		369		ug/L	500.0	159	42	25-167		
trans-1,2-Dichloroethene		161		ug/L	500.0	ND	32	29-156		
trans-1,3-Dichloropropene		351		ug/L	500.0	ND	70	57-123		
Trichloroethene	Q3	169		ug/L	500.0	ND	34	38-149		
Trichlorofluoromethane	Q3	82		ug/L	500.0	ND	16	25-176		
Vinyl chloride	Q3	93		ug/L	500.0	ND	19	25-156		
Surrogate: 1,2-Dichloroethane-d4			*24.5*	*ug/L*	*30.00*		*82*	*58.5-136*		
Surrogate: Bromofluorobenzene			*29.9*	*ug/L*	*30.00*		*100*	*56.9-139*		
Surrogate: Toluene-d8			*26.3*	*ug/L*	*30.00*		*88*	*72.4-120*		
Matrix Spike Dup (B315016-MSD1)		**Source: 3084458-01**			Prepared: 09/05/13 Analyzed: 09/06/13					
1,1,1-Trichloroethane		168		ug/L	500.0	ND	34	27-153	5	40
1,1,2,2-Tetrachloroethane		427		ug/L	500.0	ND	85	32-186	8	40
1,1,2-Trichloroethane		454		ug/L	500.0	ND	91	38-171	12	40
1,1-Dichloroethane	Q3	160		ug/L	500.0	ND	32	39-162	16	40
1,1-Dichloroethene	Q3	87		ug/L	500.0	ND	17	25-172	8	40
1,2-Dichlorobenzene		342		ug/L	500.0	ND	68	57-129	11	40
1,2-Dichloroethane		309		ug/L	500.0	ND	62	60-135	2	40
1,2-Dichloropropane		281		ug/L	500.0	ND	56	55-140	0.2	40
1,3-Dichlorobenzene		319		ug/L	500.0	ND	64	53-133	7	40
1,4-Dichlorobenzene	Q2	403		ug/L	500.0	120	57	61-125	5	40
Acrolein		3460		ug/L	5000	ND	69	25-187	0.9	40
Acrylonitrile		407		ug/L	500.0	ND	81	39-135	4	40
Benzene	Q3	1020		ug/L	500.0	894	26	39-150	2	40
Bromodichloromethane	Q2	284		ug/L	500.0	ND	57	58-135	3	40
Bromoform		356		ug/L	500.0	ND	71	34-123	8	40
Bromomethane		165		ug/L	500.0	ND	33	25-148	2	40
Carbon tetrachloride	Q3	101		ug/L	500.0	ND	20	25-157	1	40
Chlorobenzene	Q3	246		ug/L	500.0	ND	49	59-131	8	40
Chloroethane	Q3	97		ug/L	500.0	ND	19	25-154	14	40
Chloroform		262		ug/L	500.0	ND	52	48-153	4	40

3084458

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Laboratory Results

Volatile Organics - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315016 - 04-No Prep VOA									
Matrix Spike Dup (B315016-MSD1)		**Source: 3084458-01**		Prepared: 09/05/13 Analyzed: 09/06/13					
Chloromethane	Q3	< 250	ug/L	500.0	ND		25-150		40
cis-1,3-Dichloropropene	Q3	279	ug/L	500.0	ND	56	60-131	0.6	40
Dibromochloromethane		288	ug/L	500.0	ND	58	57-130	5	40
Ethylbenzene	Q2	298	ug/L	500.0	113	37	42-146	9	40
m,p-Xylene		530	ug/L	1000	125	41	37-143	10	40
Methylene chloride	Q2	246	ug/L	500.0	ND	49	52-162	9	40
o-Xylene		327	ug/L	500.0	72	51	46-139	7	40
Tetrachloroethene		158	ug/L	500.0	ND	32	25-134	10	40
Toluene		343	ug/L	500.0	159	37	25-167	7	40
trans-1,2-Dichloroethene		155	ug/L	500.0	ND	31	29-156	4	40
trans-1,3-Dichloropropene		333	ug/L	500.0	ND	67	57-123	5	40
Trichloroethene	Q3	158	ug/L	500.0	ND	32	38-149	7	40
Trichlorofluoromethane	Q3	74	ug/L	500.0	ND	15	25-176	11	40
Vinyl chloride	Q3	89	ug/L	500.0	ND	18	25-156	4	40
Surrogate: 1,2-Dichloroethane-d4		*25.6*	*ug/L*	*30.00*		*85*	*58.5-136*		
Surrogate: Bromofluorobenzene		*29.4*	*ug/L*	*30.00*		*98*	*56.9-139*		
Surrogate: Toluene-d8		*26.5*	*ug/L*	*30.00*		*88*	*72.4-120*		

Volatile Organics - TCLP - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315096 - 04-No Prep VOA								
Blank (B315096-BLK1)			Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene	< 5.0	ug/L						
1,2-Dichloroethane	< 5.0	ug/L						
1,4-Dichlorobenzene	< 5.0	ug/L						
2-Butanone	< 10	ug/L						
Benzene	< 5.0	ug/L						
Carbon tetrachloride	< 5.0	ug/L						
Chlorobenzene	< 5.0	ug/L						
Chloroform	< 5.0	ug/L						
Tetrachloroethene	< 5.0	ug/L						
Trichloroethene	< 5.0	ug/L						
Vinyl chloride	< 5.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4	*23.8*	*ug/L*	*30.00*		*79*	*56.1-142*		
Surrogate: Toluene-d8	*26.0*	*ug/L*	*30.00*		*87*	*68.1-121*		
Surrogate: Bromofluorobenzene	*26.8*	*ug/L*	*30.00*		*89*	*64.1-128*		

PDC Laboratories, Inc.
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(314) 432-0550 • (800) 333-FAST • FAX (314) 432-4977

Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Volatile Organics - TCLP - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315096 - 04-No Prep VOA								
LCS (B315096-BS1)			Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene	19	ug/L	20.00		95	83-127		
1,2-Dichloroethane	19	ug/L	20.00		97	82-120		
1,4-Dichlorobenzene	17	ug/L	20.00		86	72-122		
2-Butanone	19	ug/L	20.00		95	49-139		
Benzene	18	ug/L	20.00		89	76-121		
Carbon tetrachloride	18	ug/L	20.00		89	86-120		
Chlorobenzene	19	ug/L	20.00		94	78-116		
Chloroform	18	ug/L	20.00		89	80-125		
Tetrachloroethene	20	ug/L	20.00		99	55-134		
Trichloroethene	17	ug/L	20.00		87	78-128		
Vinyl chloride	20	ug/L	20.00		101	50-141		
Surrogate: 1,2-Dichloroethane-d4	*25.5*	*ug/L*	*30.00*		*85*	*64.1-142*		
Surrogate: Toluene-d8	*25.0*	*ug/L*	*30.00*		*83*	*73.2-121*		
Surrogate: Bromofluorobenzene	*26.4*	*ug/L*	*30.00*		*88*	*70.8-124*		
Matrix Spike (B315096-MS1)	**Source: 3084458-01**		Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene	250	ug/L	800.0	ND	31	25-155		
1,2-Dichloroethane	659	ug/L	800.0	ND	82	72-122		
1,4-Dichlorobenzene	534	ug/L	800.0	ND	67	59-119		
2-Butanone	3620	ug/L	800.0	2460	146	25-232		
Benzene	456	ug/L	800.0	ND	57	33-127		
Carbon tetrachloride	226	ug/L	800.0	ND	28	25-148		
Chlorobenzene	499	ug/L	800.0	ND	62	53-119		
Chloroform	485	ug/L	800.0	ND	61	50-129		
Tetrachloroethene	342	ug/L	800.0	ND	43	25-142		
Trichloroethene	375	ug/L	800.0	ND	47	25-157		
Vinyl chloride	303	ug/L	800.0	ND	38	25-147		
Surrogate: 1,2-Dichloroethane-d4	*25.4*	*ug/L*	*30.00*		*85*	*55.8-141*		
Surrogate: Toluene-d8	*25.8*	*ug/L*	*30.00*		*86*	*68.5-119*		
Surrogate: Bromofluorobenzene	*27.6*	*ug/L*	*30.00*		*92*	*62.3-130*		
Matrix Spike (B315096-MS2)	**Source: 3084520-01**		Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene	302	ug/L	800.0	ND	38	25-155		
1,2-Dichloroethane	738	ug/L	800.0	ND	92	72-122		
1,4-Dichlorobenzene	625	ug/L	800.0	ND	78	59-119		
2-Butanone	2470	ug/L	800.0	1220	157	25-232		
Benzene	570	ug/L	800.0	ND	71	33-127		
Carbon tetrachloride	257	ug/L	800.0	ND	32	25-148		
Chlorobenzene	633	ug/L	800.0	ND	79	53-119		
Chloroform	614	ug/L	800.0	ND	77	50-129		
Tetrachloroethene	445	ug/L	800.0	ND	56	25-142		

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Volatile Organics - TCLP - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315096 - 04-No Prep VOA									
Matrix Spike (B315096-MS2)		**Source: 3084520-01**		Prepared & Analyzed: 09/05/13					
Trichloroethene		461	ug/L	800.0	ND	58	25-157		
Vinyl chloride		364	ug/L	800.0	ND	45	25-147		
Surrogate: 1,2-Dichloroethane-d4		*26.5*	*ug/L*	*30.00*		*88*	*55.8-141*		
Surrogate: Toluene-d8		*25.0*	*ug/L*	*30.00*		*83*	*68.5-119*		
Surrogate: Bromofluorobenzene		*27.5*	*ug/L*	*30.00*		*92*	*62.3-130*		
Matrix Spike (B315096-MS3)		**Source: 3084528-01**		Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene	Q1	42	ug/L	200.0	ND	21	25-155		
1,2-Dichloroethane		163	ug/L	200.0	ND	81	72-122		
1,4-Dichlorobenzene		124	ug/L	200.0	ND	62	59-119		
2-Butanone		259	ug/L	200.0	58	100	25-232		
Benzene		98	ug/L	200.0	ND	49	33-127		
Carbon tetrachloride	Q1	36	ug/L	200.0	ND	18	25-148		
Chlorobenzene		121	ug/L	200.0	ND	60	53-119		
Chloroform		118	ug/L	200.0	ND	59	50-129		
Tetrachloroethene		65	ug/L	200.0	ND	33	25-142		
Trichloroethene		77	ug/L	200.0	ND	39	25-157		
Vinyl chloride		50	ug/L	200.0	ND	25	25-147		
Surrogate: 1,2-Dichloroethane-d4		*23.9*	*ug/L*	*30.00*		*80*	*55.8-141*		
Surrogate: Toluene-d8		*25.1*	*ug/L*	*30.00*		*84*	*68.5-119*		
Surrogate: Bromofluorobenzene		*26.9*	*ug/L*	*30.00*		*90*	*62.3-130*		
Matrix Spike (B315096-MS4)		**Source: 3090049-01**		Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene		68	ug/L	200.0	ND	34	25-155		
1,2-Dichloroethane		181	ug/L	200.0	ND	90	72-122		
1,4-Dichlorobenzene		155	ug/L	200.0	ND	77	59-119		
2-Butanone		210	ug/L	200.0	ND	105	25-232		
Benzene		139	ug/L	200.0	ND	70	33-127		
Carbon tetrachloride		56	ug/L	200.0	ND	28	25-148		
Chlorobenzene		157	ug/L	200.0	ND	78	53-119		
Chloroform		150	ug/L	200.0	ND	75	50-129		
Tetrachloroethene		102	ug/L	200.0	ND	51	25-142		
Trichloroethene		127	ug/L	200.0	ND	64	25-157		
Vinyl chloride		86	ug/L	200.0	ND	43	25-147		
Surrogate: 1,2-Dichloroethane-d4		*25.6*	*ug/L*	*30.00*		*85*	*55.8-141*		
Surrogate: Toluene-d8		*25.2*	*ug/L*	*30.00*		*84*	*68.5-119*		
Surrogate: Bromofluorobenzene		*26.9*	*ug/L*	*30.00*		*90*	*62.3-130*		
Matrix Spike (B315096-MS5)		**Source: 3090114-01**		Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene		316	ug/L	800.0	ND	40	25-155		
1,2-Dichloroethane		789	ug/L	800.0	ND	99	72-122		

3084458

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/29/13 14:56
Report Date: 09/11/13
Customer #: 277310

Laboratory Results

Volatile Organics - TCLP - Quality Control

Analyte		Result		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315096 - 04-No Prep VOA										
Matrix Spike (B315096-MS5)		**Source: 3090114-01**			Prepared & Analyzed: 09/05/13					
1,4-Dichlorobenzene	Q1	467		ug/L	800.0	ND	58	59-119		
2-Butanone		3800		ug/L	800.0	2400	175	25-232		
Benzene		654		ug/L	800.0	ND	82	33-127		
Carbon tetrachloride		268		ug/L	800.0	ND	33	25-148		
Chlorobenzene		583		ug/L	800.0	ND	73	53-119		
Chloroform		631		ug/L	800.0	ND	79	50-129		
Tetrachloroethene		403		ug/L	800.0	ND	50	25-142		
Trichloroethene		569		ug/L	800.0	ND	71	25-157		
Vinyl chloride		386		ug/L	800.0	ND	48	25-147		
Surrogate: 1,2-Dichloroethane-d4			*26.8*	*ug/L*	*30.00*		*89*	*55.8-141*		
Surrogate: Toluene-d8			*25.6*	*ug/L*	*30.00*		*85*	*68.5-119*		
Surrogate: Bromofluorobenzene			*26.3*	*ug/L*	*30.00*		*88*	*62.3-130*		

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Date Received: 08/29/13 14:56
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Laboratory Results

Notes

This report shall not be reproduced, except in full, without the written approval of the laboratory.

PDC Laboratories participates in the following accreditation/certification and proficiency programs at the following locations. Endorsement by Federal or State Governments or their agencies is not implied.

PIA PDC Laboratories - Peoria, IL
NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications: Kansas (E-10338); Missouri (870); Wisconsin (998284430); Indiana (C-IL-040); Iowa (240)
Wastewater Certifications: Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
Hazardous/Solid Waste Certifications; Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
UST Certification; Iowa (240)
SPM PDC Laboratories - Springfield, MO
EPA DMR-QA Program
STL PDC Laboratories - St. Louis, MO
NELAC Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing
Drinking Water Certifications: Kansas (E-10389)

X Analyte failed blank spike recovery limits with high bias; undetected in all samples.
Q3 MS/MSD both failed %R
Q2 MSD failed %R
Q1 MS Failed %R
C The blank spike failed to meet the required acceptance criteria.

Certified by: Roxann Shull, Client Services Supervisor

PDC Laboratories, Inc. – St. Louis
3278 N. Highway 67 (Lindbergh)
Florissant, MO 63033
www.pdclab.com

CHAIN OF CUSTODY RECORD

Phone (314) 432-0550 or (314) 921-4488
Fax (314) 432-4977

State where samples collected MO

(Instructions/Sample Acceptance Policy on Reverse)

ALL SHADED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT: BARR ENGINEERING
ADDRESS: 1001 DIAMOND RIDGE, SUITE 1100
CITY STATE ZIP: JEFFERSON CITY, MO 65109
CONTACT PERSON: ED GALBRAITH 573-418-5562

PROJECT NUMBER | P.O. NUMBER | MEANS SHIPPED
PHONE NUMBER | FAX NUMBER | EMAIL ADDRESS: egalbraith@barr.com
SAMPLER: WILLIAM ASERNATHY
SAMPLER'S SIGNATURE: [signature]

MATRIX TYPES:
WW-WASTEWATER
DW-DRINKING WATER
GW-GROUND WATER
WWSL-SLUDGE
NAS-SOLID
L'CHT-LEACHATE
NAL-NONAQUEOUS
SOIL-SOILS

3 ANALYSIS REQUESTED

4 (FOR LAB USE ONLY)
LOGIN # 3084458
LOGGED BY: HE
LAB PROJ. #
TEMPLATE:
PROJ. MGR.:

2 SAMPLE DESCRIPTION AS YOU WANT ON REPORT	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	Bottle Count	TOTAL SVOCs	TOTAL VOCs	TCLP VOCs	TOC	% SOLIDS			REMARKS
TCLP I/IV A	8/27/13	1215	✓		LCHT	8	2	2	2	1	1			
TCLP I/IV B	8/27/13	1225	✓		LCHT	4	2	2						
TCLP I/IV C	8/27/13	1235	✓		LCHT	4	2	2						
TCLP I/IV D	8/27/13	1245	✓		LCHT	4	2	2						
TRIP BLANK	—	—	—		DI	2		2						

5 TURNAROUND TIME (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)
NORMAL (8-10 Bus. Days) RUSH (5 Bus. Days) *Fastrak*™ (3 Bus. Days) 1-2 Bus. Days Same Day
DATE DUE _____
RESULTS BY: E-MAIL FAX PHONE CALL PHONE/FAX# IF DIFFERENT FROM ABOVE

6 The sample temperature will be measured upon receipt at the lab. By initialing this area, you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area, you allow the lab to proceed with analytical testing regardless of the sample temperature. _____

7 RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
[signature]	8/29/13	1456	Heather Gallaert	8/29/13	14:56
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME

8 COMMENTS:(FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT	20.2 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT	Y OR N
SAMPLES(S) RECEIVED ON ICE	Y OR N
PROPER BOTTLES RECEIVED IN GOOD CONDITION	Y OR N
BOTTLES FILLED WITH ADEQUATE VOLUME	Y OR N
SAMPLES RECEIVED WITHIN HOLD TIME(S) (EXCLUDES TYPICAL FIELD PARAMETERS)	Y OR N
DATE AND TME TAKEN FROM SAMPLE BOTTLE	

Thank you for using PDC Laboratories, Inc. Locations in Peoria, IL; St. Louis, MO; and Springfield, MO

SUBCONTRACT ORDER

PDC Laboratories, Inc.

3084458 3084458-4

SENDING LABORATORY:

___ PDC Laboratories, Inc, 2231 W Altorfer Peoria, IL 61615

___ PDC Laboratories, Inc, 1805 W Sunset, Springfield, MO 65807

X PDC Laboratories, Inc, 3278 N Highway 67, Florissant, MO 63033

Project Manager: Roxann Shull rshull@pdclab.com Phone: 314-595-7337

Date Shipped 8/30/13

Sample Origin (State) MO

PO#

Total # of Containers 5

RECEIVING LABORATORY:

PDC Laboratories, Inc.
PO Box 9071
Peoria, IL 61612-9071
Phone :(309) 692-9688

Analysis	Due	Expires	Comments
Sample ID: 3084458-01	**Water**	**Sampled:08/27/13 12:15**	
TOC	09/04/13 16:00	09/24/13 12:15	
M8270	09/04/13 16:00	09/03/13 12:15	
Sample ID: 3084458-02	**Water**	**Sampled:08/27/13 12:25**	
M8270	09/04/13 16:00	09/03/13 12:25	
Sample ID: 3084458-03	**Water**	**Sampled:08/27/13 12:35**	
M8270	09/04/13 16:00	09/03/13 12:35	
Sample ID: 3084458-04	**Water**	**Sampled:08/27/13 12:45**	
M8270	09/04/13 16:00	09/03/13 12:45	

Turn-Around Time Requested (circle one): NORMAL RUSH Date Results Needed: 9/4/13

Relinquished By	Date/Time	Received By	Date/Time
H Cattley Courtnait	8/30/13		
Relinquished By	Date/Time	Received By	Date/Time
			8/31/13 820

Sample Temperature Upon Receipt	1 C
Sample(s) Received on Ice	Y or N
Proper Bottles Received in Good Condition	Y or N
Bottles Filled with Adequate Volume	Y or N
Samples Received Within Hold Time	Y or N
Date/Time Taken From Sample Bottle	Y or N

Page 1 of 1

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-01**
Sample Description: **TCLP II/IV A**

Collect Date: **08/30/13 12:24**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
General Chemistry - PIA						
Total Organic Carbon (TOC)	21000 mg/L		09/09/13 08:48	lgpi	5310C	KS,IL,IA,WI, AR
General Chemistry - STL						
Solids - total solids (TS)	69000 mg/L		08/30/13 13:15	ACV	SM 2540B 18Ed*	
Semivolatile Organics - PIA						
N-Nitrosodimethylamine	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Pyridine	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Phenol	12000 ug/L		09/06/13 14:14	psb	SW 8270C	IL,AR,IA,KS, WI
Aniline	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,KS,WI
Bis(2-chloroethyl) ether	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Chlorophenol	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
1,3-Dichlorobenzene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
1,4-Dichlorobenzene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzyl alcohol	5300 ug/L		09/06/13 14:14	psb	SW 8270C	IL,AR,IA,KS, WI
1,2-Dichlorobenzene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Methylphenol	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroisopropyl) ether	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodi-n-propylamine	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
3- & 4-Methylphenol	6600 ug/L		09/06/13 14:14	psb	SW 8270C	IL,AR,IA,KS, WI
Hexachloroethane	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Nitrobenzene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Isophorone	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Nitrophenol	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dimethylphenol	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-01**
Sample Description: **TCLP II/IV A**

Collect Date: **08/30/13 12:24**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Bis(2-chloroethoxy) methane	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dichlorophenol	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
1,2,4-Trichlorobenzene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
1,2,4,5-Tetrachlorobenzene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,KS,WI
Naphthalene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chloroaniline	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
2,6-Dichlorophenol	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobutadiene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chloro-3-methylphenol	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Methylnaphthalene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorocyclopentadiene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4,6-Trichlorophenol	< 1000 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4,5-Trichlorophenol	< 1000 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Chloronaphthalene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Nitroaniline	< 1000 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Dimethyl phthalate	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
2,6-Dinitrotoluene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Acenaphthylene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
3-Nitroaniline	< 1000 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Acenaphthene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrophenol	< 1000 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Nitrophenol	< 1000 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI

PDC Laboratories, Inc.
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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-01**
Sample Description: **TCLP II/IV A**

Collect Date: **08/30/13 12:24**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Dibenzofuran	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrotoluene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
2,3,4,6-Tetrachlorophenol	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,KS,WI
Diethyl phthalate	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Fluorene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chlorophenylphenyl ether	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Nitroaniline	< 1000 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
4,6-Dinitro-2-methylphenol	< 1000 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodiphenylamine	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,KS,WI
Diphenylamine	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR
1,2-Diphenylhydrazine	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,KS
4-Bromophenyl phenyl ether	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobenzene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Pentachlorophenol	< 1000 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Phenanthrene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Anthracene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Di-n-butyl phthalate	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Fluoranthene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzidine	< 1600 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,KS,WI
Pyrene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Butyl benzyl phthalate	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)anthracene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
3,3'-Dichlorobenzidine	< 400 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI

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St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-01**
Sample Description: **TCLP II/IV A**

Collect Date: **08/30/13 12:24**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Chrysene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-ethylhexyl) phthalate	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Di-n-octyl phthalate	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(b)fluoranthene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(k)fluoranthene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)pyrene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Cresols- Total	< 400 ug/L		09/05/13 17:56	PSB	SW 8270C*	
3-Methylcholanthrene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,KS,WI
Indeno(1,2,3-cd)pyrene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Dibenzo(a,h)anthracene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(g,h,i)perylene	< 200 ug/L		09/05/13 17:56	PSB	SW 8270C	IL,AR,IA,KS, WI
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		09/06/13 02:47	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		09/06/13 02:47	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		09/06/13 02:47	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 250 ug/L		09/06/13 02:47	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-01**
Sample Description: **TCLP II/IV A**

Collect Date: **08/30/13 12:24**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,2-Dichloroethane	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 250 ug/L		09/06/13 02:47	BP	SW 8260B*	
1,4-Dichlorobenzene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
1,4-Dioxane	< 1200 ug/L		09/06/13 02:47	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
2-Butanone	16000 ug/L		09/05/13 23:09	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
2-Chlorotoluene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
2-Hexanone	340 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	660 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Acetone	69000 ug/L		09/05/13 23:09	BP	SW 8260B	04KS
Acetonitrile	< 1200 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Acrolein	< 1200 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Benzene	390 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Bromoform	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Carbon disulfide	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Chloroform	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L		09/06/13 02:47	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-01**
Sample Description: **TCLP II/IV A**

Collect Date: **08/30/13 12:24**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
cis-1,2-Dichloroethene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Dibromochloromethane	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Ethyl methacrylate	< 120 ug/L		09/06/13 02:47	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Hexachlorobutadiene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Isobutanol	83000 ug/L		09/05/13 23:09	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
m,p-Xylene	< 250 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		09/06/13 02:47	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
MTBE	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Naphthalene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
n-Butylbenzene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
n-Propylbenzene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
p-Isopropyl toluene	120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Styrene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Tetrachloroethene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Toluene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B*	
Trichloroethene	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Trichlorofluoromethane	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		09/06/13 02:47	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-01**
Sample Description: **TCLP II/IV A**

Collect Date: **08/30/13 12:24**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Vinyl chloride	< 120 ug/L		09/06/13 02:47	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		09/06/13 02:47	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*80 % 65.6-134*		*09/06/13 02:47*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*95 % 61-140*		*09/06/13 02:47*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*90 % 75.4-120*		*09/06/13 02:47*	*BP*	*SW 8260B*	
Volatile Organics - TCLP - STL						
1,1-Dichloroethene	< 200 ug/L		09/05/13 15:19	BP	SW 8260B*	
1,2-Dichloroethane	< 200 ug/L		09/05/13 15:19	BP	SW 8260B*	
1,4-Dichlorobenzene	< 200 ug/L		09/05/13 15:19	BP	SW 8260B*	
2-Butanone	1200 ug/L		09/05/13 15:19	BP	SW 8260B*	
Benzene	< 200 ug/L		09/05/13 15:19	BP	SW 8260B*	
Carbon tetrachloride	< 200 ug/L		09/05/13 15:19	BP	SW 8260B*	
Chlorobenzene	< 200 ug/L		09/05/13 15:19	BP	SW 8260B*	
Chloroform	< 200 ug/L		09/05/13 15:19	BP	SW 8260B*	
Tetrachloroethene	< 200 ug/L		09/05/13 15:19	BP	SW 8260B*	
Trichloroethene	< 200 ug/L		09/05/13 15:19	BP	SW 8260B*	
Vinyl chloride	< 200 ug/L		09/05/13 15:19	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*85 % 56.1-142*		*09/05/13 15:19*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*83 % 68.1-121*		*09/05/13 15:19*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*88 % 64.1-128*		*09/05/13 15:19*	*BP*	*SW 8260B*	

Sample No: **3084520-02**
Sample Description: **TCLP II/IV B**

Collect Date: **08/30/13 12:34**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
N-Nitrosodimethylamine	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Pyridine	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Phenol	11000 ug/L		09/06/13 14:43	psb	SW 8270C	IL,AR,IA,KS, WI
Aniline	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,KS,WI

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-02**
Sample Description: **TCLP II/IV B**

Collect Date: **08/30/13 12:34**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Bis(2-chloroethyl) ether	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Chlorophenol	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
1,3-Dichlorobenzene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
1,4-Dichlorobenzene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzyl alcohol	5700 ug/L		09/06/13 14:43	psb	SW 8270C	IL,AR,IA,KS, WI
1,2-Dichlorobenzene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Methylphenol	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroisopropyl) ether	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodi-n-propylamine	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
3- & 4-Methylphenol	6400 ug/L		09/06/13 14:43	psb	SW 8270C	IL,AR,IA,KS, WI
Hexachloroethane	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Nitrobenzene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Isophorone	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Nitrophenol	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dimethylphenol	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroethoxy) methane	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dichlorophenol	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
1,2,4-Trichlorobenzene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
1,2,4,5-Tetrachlorobenzene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,KS,WI
Naphthalene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chloroaniline	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
2,6-Dichlorophenol	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI

PDC Laboratories, Inc.
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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-02**
Sample Description: **TCLP II/IV B**

Collect Date: **08/30/13 12:34**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Hexachlorobutadiene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chloro-3-methylphenol	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Methylnaphthalene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorocyclopentadiene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4,6-Trichlorophenol	< 1000 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4,5-Trichlorophenol	< 1000 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Chloronaphthalene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Nitroaniline	< 1000 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Dimethyl phthalate	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
2,6-Dinitrotoluene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Acenaphthylene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
3-Nitroaniline	< 1000 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Acenaphthene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrophenol	< 1000 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Nitrophenol	< 1000 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Dibenzofuran	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrotoluene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
2,3,4,6-Tetrachlorophenol	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,KS,WI
Diethyl phthalate	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Fluorene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chlorophenylphenyl ether	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Nitroaniline	< 1000 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI

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Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-02**
Sample Description: **TCLP II/IV B**

Collect Date: **08/30/13 12:34**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
4,6-Dinitro-2-methylphenol	< 1000 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodiphenylamine	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,KS,WI
Diphenylamine	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR
1,2-Diphenylhydrazine	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,KS
4-Bromophenyl phenyl ether	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobenzene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Pentachlorophenol	< 1000 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Phenanthrene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Anthracene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Di-n-butyl phthalate	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Fluoranthene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzidine	< 1600 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,KS,WI
Pyrene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Butyl benzyl phthalate	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)anthracene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
3,3'-Dichlorobenzidine	< 400 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Chrysene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-ethylhexyl) phthalate	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Di-n-octyl phthalate	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(b)fluoranthene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(k)fluoranthene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)pyrene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Cresols- Total	< 400 ug/L		09/05/13 18:27	PSB	SW 8270C*	
3-Methylcholanthrene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,KS,WI

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Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-02**
Sample Description: **TCLP II/IV B**

Collect Date: **08/30/13 12:34**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Indeno(1,2,3-cd)pyrene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Dibenzo(a,h)anthracene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(g,h,i)perylene	< 200 ug/L		09/05/13 18:27	PSB	SW 8270C	IL,AR,IA,KS, WI
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		09/06/13 03:11	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		09/06/13 03:11	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		09/06/13 03:11	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 250 ug/L		09/06/13 03:11	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,2-Dichloroethane	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 250 ug/L		09/06/13 03:11	BP	SW 8260B*	
1,4-Dichlorobenzene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
1,4-Dioxane	< 1200 ug/L		09/06/13 03:11	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
2-Butanone	28000 ug/L		09/05/13 23:33	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-02**
Sample Description: **TCLP II/IV B**

Collect Date: **08/30/13 12:34**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
2-Chlorotoluene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
2-Hexanone	360 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	580 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Acetone	66000 ug/L		09/05/13 23:33	BP	SW 8260B	04KS
Acetonitrile	< 1200 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Acrolein	< 1200 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Benzene	260 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Bromoform	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Carbon disulfide	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Chloroform	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Dibromochloromethane	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Ethyl methacrylate	< 120 ug/L		09/06/13 03:11	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Hexachlorobutadiene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Isobutanol	79000 ug/L		09/05/13 23:33	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS

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St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-02**
Sample Description: **TCLP II/IV B**

Collect Date: **08/30/13 12:34**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
m,p-Xylene	< 250 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		09/06/13 03:11	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
MTBE	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Naphthalene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
n-Butylbenzene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
n-Propylbenzene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
p-Isopropyl toluene	130 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Styrene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Tetrachloroethene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Toluene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B*	
Trichloroethene	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Trichlorofluoromethane	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Vinyl chloride	< 120 ug/L		09/06/13 03:11	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		09/06/13 03:11	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*84 % 65.6-134*		*09/06/13 03:11*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*93 % 61-140*		*09/06/13 03:11*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*91 % 75.4-120*		*09/06/13 03:11*	*BP*	*SW 8260B*	

Sample No: **3084520-03**
Sample Description: **TCLP II/IV C**

Collect Date: **08/30/13 12:44**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method

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St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-03**
Sample Description: **TCLP II/IV C**

Collect Date: **08/30/13 12:44**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
N-Nitrosodimethylamine	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Pyridine	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Phenol	13000 ug/L		09/06/13 15:13	psb	SW 8270C	IL,AR,IA,KS, WI
Aniline	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,KS,WI
Bis(2-chloroethyl) ether	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Chlorophenol	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
1,3-Dichlorobenzene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
1,4-Dichlorobenzene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzyl alcohol	7000 ug/L		09/06/13 15:13	psb	SW 8270C	IL,AR,IA,KS, WI
1,2-Dichlorobenzene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Methylphenol	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroisopropyl) ether	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodi-n-propylamine	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
3- & 4-Methylphenol	7000 ug/L		09/06/13 15:13	psb	SW 8270C	IL,AR,IA,KS, WI
Hexachloroethane	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Nitrobenzene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Isophorone	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Nitrophenol	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dimethylphenol	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroethoxy) methane	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dichlorophenol	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
1,2,4-Trichlorobenzene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI

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St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-03**
Sample Description: **TCLP II/IV C**

Collect Date: **08/30/13 12:44**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
1,2,4,5-Tetrachlorobenzene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,KS,WI
Naphthalene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chloroaniline	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
2,6-Dichlorophenol	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobutadiene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chloro-3-methylphenol	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Methylnaphthalene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorocyclopentadiene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4,6-Trichlorophenol	< 1000 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4,5-Trichlorophenol	< 1000 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Chloronaphthalene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Nitroaniline	< 1000 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Dimethyl phthalate	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
2,6-Dinitrotoluene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Acenaphthylene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
3-Nitroaniline	< 1000 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Acenaphthene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrophenol	< 1000 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Nitrophenol	< 1000 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Dibenzofuran	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrotoluene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
2,3,4,6-Tetrachlorophenol	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,KS,WI

PDC Laboratories, Inc.
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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-03**
Sample Description: **TCLP II/IV C**

Collect Date: **08/30/13 12:44**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Diethyl phthalate	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Fluorene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chlorophenylphenyl ether	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Nitroaniline	< 1000 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
4,6-Dinitro-2-methylphenol	< 1000 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodiphenylamine	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,KS,WI
Diphenylamine	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR
1,2-Diphenylhydrazine	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,KS
4-Bromophenyl phenyl ether	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobenzene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Pentachlorophenol	< 1000 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Phenanthrene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Anthracene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Di-n-butyl phthalate	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Fluoranthene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzidine	< 1600 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,KS,WI
Pyrene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Butyl benzyl phthalate	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)anthracene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
3,3'-Dichlorobenzidine	< 400 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Chrysene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-ethylhexyl) phthalate	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Di-n-octyl phthalate	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI

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St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-03**
Sample Description: **TCLP II/IV C**

Collect Date: **08/30/13 12:44**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Benzo(b)fluoranthene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(k)fluoranthene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)pyrene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Cresols- Total	< 400 ug/L		09/05/13 18:58	PSB	SW 8270C*	
3-Methylcholanthrene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,KS,WI
Indeno(1,2,3-cd)pyrene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Dibenzo(a,h)anthracene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(g,h,i)perylene	< 200 ug/L		09/05/13 18:58	PSB	SW 8270C	IL,AR,IA,KS, WI
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		09/06/13 03:35	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		09/06/13 03:35	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		09/06/13 03:35	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 250 ug/L		09/06/13 03:35	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
1,2-Dichloroethane	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-03**
Sample Description: **TCLP II/IV C**

Collect Date: **08/30/13 12:44**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,3-Dichloropropene - Total	< 250 ug/L		09/06/13 03:35	BP	SW 8260B*	
1,4-Dichlorobenzene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
1,4-Dioxane	< 1200 ug/L		09/06/13 03:35	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
2-Butanone	23000 ug/L		09/05/13 23:57	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
2-Chlorotoluene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
2-Hexanone	330 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	570 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Acetone	50000 ug/L		09/05/13 23:57	BP	SW 8260B	04KS
Acetonitrile	< 1200 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Acrolein	< 1200 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Benzene	240 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Bromoform	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Carbon disulfide	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Chloroform	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Dibromochloromethane	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		09/06/13 03:35	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-03**
Sample Description: **TCLP II/IV C**

Collect Date: **08/30/13 12:44**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Ethyl methacrylate	< 120 ug/L		09/06/13 03:35	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Hexachlorobutadiene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Isobutanol	72000 ug/L		09/05/13 23:57	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
m,p-Xylene	< 250 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		09/06/13 03:35	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
MTBE	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Naphthalene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
n-Butylbenzene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
n-Propylbenzene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
p-Isopropyl toluene	130 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Styrene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Tetrachloroethene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Toluene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B*	
Trichloroethene	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Trichlorofluoromethane	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Vinyl chloride	< 120 ug/L		09/06/13 03:35	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		09/06/13 03:35	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*84 % 65.6-134*		*09/06/13 03:35*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*92 % 61-140*		*09/06/13 03:35*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*88 % 75.4-120*		*09/06/13 03:35*	*BP*	*SW 8260B*	

3084520

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-04**
Sample Description: **TCLP II/IV D**

Collect Date: **08/30/13 12:54**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		09/06/13 03:59	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		09/06/13 03:59	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		09/06/13 03:59	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 250 ug/L		09/06/13 03:59	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,2-Dichloroethane	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 250 ug/L		09/06/13 03:59	BP	SW 8260B*	
1,4-Dichlorobenzene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
1,4-Dioxane	< 1200 ug/L		09/06/13 03:59	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
2-Butanone	17000 ug/L		09/06/13 00:21	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
2-Chlorotoluene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
2-Hexanone	310 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	580 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Acetone	58000 ug/L		09/06/13 00:21	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-04**
Sample Description: **TCLP II/IV D**

Collect Date: **08/30/13 12:54**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Acetonitrile	< 1200 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Acrolein	< 1200 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Benzene	220 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Bromoform	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Carbon disulfide	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Chloroform	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Dibromochloromethane	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Ethyl methacrylate	< 120 ug/L		09/06/13 03:59	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Hexachlorobutadiene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Isobutanol	66000 ug/L		09/06/13 00:21	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
m,p-Xylene	< 250 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		09/06/13 03:59	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
MTBE	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Naphthalene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-04**
Sample Description: **TCLP II/IV D**

Collect Date: **08/30/13 12:54**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
n-Butylbenzene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
n-Propylbenzene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
p-Isopropyl toluene	150 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Styrene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Tetrachloroethene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Toluene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B*	
Trichloroethene	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Trichlorofluoromethane	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Vinyl chloride	< 120 ug/L		09/06/13 03:59	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		09/06/13 03:59	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*83 % 65.6-134*		*09/06/13 03:59*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*90 % 61-140*		*09/06/13 03:59*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*91 % 75.4-120*		*09/06/13 03:59*	*BP*	*SW 8260B*	

Sample No: **3084520-04RE1**
Sample Description: **TCLP II/IV D**

Collect Date: **08/30/13 12:54**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
N-Nitrosodimethylamine	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Pyridine	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Phenol	12000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI

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Laboratory Results

Sample No: **3084520-04RE1**
Sample Description: **TCLP II/IV D**

Collect Date: **08/30/13 12:54**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Aniline	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,KS,WI
Bis(2-chloroethyl) ether	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
2-Chlorophenol	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
1,3-Dichlorobenzene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
1,4-Dichlorobenzene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Benzyl alcohol	6000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
1,2-Dichlorobenzene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
2-Methylphenol	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroisopropyl) ether	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodi-n-propylamine	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
3- & 4-Methylphenol	6100 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Hexachloroethane	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Nitrobenzene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Isophorone	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
2-Nitrophenol	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
2,4-Dimethylphenol	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroethoxy) methane	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
2,4-Dichlorophenol	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
1,2,4-Trichlorobenzene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
1,2,4,5-Tetrachlorobenzene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,KS,WI
Naphthalene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
4-Chloroaniline	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI

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Laboratory Results

Sample No: **3084520-04RE1**
Sample Description: **TCLP II/IV D**

Collect Date: **08/30/13 12:54**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
2,6-Dichlorophenol	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobutadiene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
4-Chloro-3-methylphenol	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
2-Methylnaphthalene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Hexachlorocyclopentadiene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
2,4,6-Trichlorophenol	< 10000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
2,4,5-Trichlorophenol	< 10000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
2-Chloronaphthalene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
2-Nitroaniline	< 10000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Dimethyl phthalate	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
2,6-Dinitrotoluene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Acenaphthylene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
3-Nitroaniline	< 10000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Acenaphthene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrophenol	< 10000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
4-Nitrophenol	< 10000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Dibenzofuran	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrotoluene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
2,3,4,6-Tetrachlorophenol	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,KS,WI
Diethyl phthalate	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Fluorene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
4-Chlorophenylphenyl ether	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI

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Laboratory Results

Sample No: **3084520-04RE1**
Sample Description: **TCLP II/IV D**

Collect Date: **08/30/13 12:54**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
4-Nitroaniline	< 10000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
4,6-Dinitro-2-methylphenol	< 10000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodiphenylamine	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,KS,WI
Diphenylamine	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR
1,2-Diphenylhydrazine	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,KS
4-Bromophenyl phenyl ether	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobenzene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Pentachlorophenol	< 10000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Phenanthrene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Anthracene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Di-n-butyl phthalate	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Fluoranthene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Benzidine	< 16000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,KS,WI
Pyrene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Butyl benzyl phthalate	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)anthracene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
3,3'-Dichlorobenzidine	< 4000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Chrysene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Bis(2-ethylhexyl) phthalate	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Di-n-octyl phthalate	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Benzo(b)fluoranthene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Benzo(k)fluoranthene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)pyrene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI

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Laboratory Results

Sample No: **3084520-04RE1**
Sample Description: **TCLP II/IV D**

Collect Date: **08/30/13 12:54**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Cresols- Total	< 4000 ug/L		09/13/13 17:04	psb	SW 8270C*	
3-Methylcholanthrene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,KS,WI
Indeno(1,2,3-cd)pyrene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Dibenzo(a,h)anthracene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI
Benzo(g,h,i)perylene	< 2000 ug/L		09/13/13 17:04	psb	SW 8270C	IL,AR,IA,KS, WI

Sample No: **3084520-05**
Sample Description: **Trip Blank**

Collect Date: **08/30/13 00:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 10 ug/L		09/06/13 00:46	BP	SW 8260B*	
1,1,2-Trichloroethane	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
1,1-Dichloroethane	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
1,1-Dichloroethene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
1,1-Dichloropropene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B*	
1,2-Dibromoethane	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 10 ug/L		09/06/13 00:46	BP	SW 8260B*	
1,2-Dichlorobenzene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
1,2-Dichloroethane	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
1,2-Dichloropropane	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS

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Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-05**
Sample Description: **Trip Blank**

Collect Date: **08/30/13 00:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,3-Dichlorobenzene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
1,3-Dichloropropane	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 10 ug/L		09/06/13 00:46	BP	SW 8260B*	
1,4-Dichlorobenzene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
1,4-Dioxane	< 50 ug/L		09/06/13 00:46	BP	SW 8260B*	
2,2-Dichloropropane	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
2-Butanone	< 10 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
2-Chlorotoluene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
2-Hexanone	< 10 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
2-Nitropropane	< 10 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
4-Chlorotoluene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	< 10 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Acetone	< 10 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Acetonitrile	< 50 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Acrolein	< 50 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Acrylonitrile	< 10 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Allyl Chloride	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Benzene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Bromobenzene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Bromochloromethane	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Bromodichloromethane	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Bromoform	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Bromomethane	< 10 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Carbon disulfide	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Carbon tetrachloride	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Chlorobenzene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Chloroethane	< 10 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Chloroform	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Chloromethane	< 10 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Dibromochloromethane	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS

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Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-05**
Sample Description: **Trip Blank**

Collect Date: **08/30/13 00:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Dibromomethane	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 10 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Ethyl methacrylate	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B*	
Ethylbenzene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Hexachlorobutadiene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Iodomethane	< 10 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Isobutanol	< 50 ug/L		09/06/13 00:46	BP	SW 8260B*	
Isopropylbenzene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
m,p-Xylene	< 10 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Methacrylonitrile	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B*	
Methyl methacrylate	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Methylene chloride	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
MTBE	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Naphthalene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
n-Butylbenzene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
n-Propylbenzene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
o-Xylene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
p-Isopropyl toluene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Propionitrile	< 10 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
sec-Butylbenzene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Styrene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
tert-Butylbenzene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Tetrachloroethene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Toluene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B*	
Trichloroethene	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Trichlorofluoromethane	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Vinyl acetate	< 10 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Vinyl chloride	< 5.0 ug/L		09/06/13 00:46	BP	SW 8260B	04KS
Xylenes- Total	< 15 ug/L		09/06/13 00:46	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*82 % 65.6-134*		*09/06/13 00:46*	*BP*	*SW 8260B*	

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Sample No: **3084520-05**
Sample Description: **Trip Blank**

Collect Date: **08/30/13 00:00**
Matrix: **Waste Water**

Parameters	Result		Qual	Analysis Date	Analyst	Method
Volatile Organics - STL						
Surrogate: Bromofluorobenzene	*87 %*	*61-140*		*09/06/13 00:46*	*BP*	*SW 8260B*
Surrogate: Toluene-d8	*86 %*	*75.4-120*		*09/06/13 00:46*	*BP*	*SW 8260B*

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Laboratory Results

General Chemistry - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B314834 - 04-No Prep WC								
Duplicate (B314834-DUP1)	**Source: 3084458-01**		Prepared & Analyzed: 08/30/13					
Solids - total solids (TS)	59400	mg/L		61200			3	5

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315016 - 04-No Prep VOA								
Blank (B315016-BLK1)			Prepared & Analyzed: 09/05/13					
1,1,1,2-Tetrachloroethane	< 5.0	ug/L						
1,1,1-Trichloroethane	< 5.0	ug/L						
1,1,2,2-Tetrachloroethane	< 5.0	ug/L						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 10	ug/L						
1,1,2-Trichloroethane	< 5.0	ug/L						
1,1-Dichloroethane	< 5.0	ug/L						
1,1-Dichloroethene	< 5.0	ug/L						
1,1-Dichloropropene	< 5.0	ug/L						
1,2,3-Trichlorobenzene	< 5.0	ug/L						
1,2,3-Trichloropropane	< 5.0	ug/L						
1,2,4-Trichlorobenzene	< 5.0	ug/L						
1,2,4-Trimethylbenzene	< 5.0	ug/L						
1,2-Dibromo-3-chloropropane	< 5.0	ug/L						
1,2-Dibromoethane	< 5.0	ug/L						
1,2-Dichloroethene- Total	< 10	ug/L						
1,2-Dichlorobenzene	< 5.0	ug/L						
1,2-Dichloroethane	< 5.0	ug/L						
1,2-Dichloropropane	< 5.0	ug/L						
1,3,5-Trimethylbenzene	< 5.0	ug/L						
1,3-Dichlorobenzene	< 5.0	ug/L						
1,3-Dichloropropane	< 5.0	ug/L						
1,3-Dichloropropene - Total	< 10	ug/L						
1,4-Dichlorobenzene	< 5.0	ug/L						
1,4-Dioxane	< 50	ug/L						
2,2-Dichloropropane	< 5.0	ug/L						
2-Butanone	< 10	ug/L						
2-Chloroethylvinyl ether	< 5.0	ug/L						
2-Chlorotoluene	< 5.0	ug/L						
2-Hexanone	< 10	ug/L						

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Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315016 - 04-No Prep VOA								
Blank (B315016-BLK1)			Prepared & Analyzed: 09/05/13					
2-Nitropropane	< 10	ug/L						
4-Chlorotoluene	< 5.0	ug/L						
4-Methyl-2-pentanone (MIBK)	< 10	ug/L						
Acetone	< 10	ug/L						
Acetonitrile	< 50	ug/L						
Acrolein	< 50	ug/L						
Acrylonitrile	< 10	ug/L						
Allyl Chloride	< 5.0	ug/L						
Benzene	< 5.0	ug/L						
Bromobenzene	< 5.0	ug/L						
Bromochloromethane	< 5.0	ug/L						
Bromodichloromethane	< 5.0	ug/L						
Bromoform	< 5.0	ug/L						
Bromomethane	< 10	ug/L						
Carbon disulfide	< 5.0	ug/L						
Carbon tetrachloride	< 5.0	ug/L						
Chlorobenzene	< 5.0	ug/L						
Chloroethane	< 10	ug/L						
Chloroform	< 5.0	ug/L						
Chloromethane	< 10	ug/L						
cis-1,2-Dichloroethene	< 5.0	ug/L						
cis-1,3-Dichloropropene	< 5.0	ug/L						
Dibromochloromethane	< 5.0	ug/L						
Dibromomethane	< 5.0	ug/L						
Dichlorodifluoromethane	< 10	ug/L						
Ethyl methacrylate	< 5.0	ug/L						
Ethylbenzene	< 5.0	ug/L						
Hexachlorobutadiene	< 5.0	ug/L						
Iodomethane	< 10	ug/L						
Isobutanol	< 50	ug/L						
Isopropylbenzene	< 5.0	ug/L						
m,p-Xylene	< 10	ug/L						
Methacrylonitrile	< 5.0	ug/L						
Methyl methacrylate	< 5.0	ug/L						
Methylene chloride	< 5.0	ug/L						
MTBE	< 5.0	ug/L						
Naphthalene	< 5.0	ug/L						
n-Butylbenzene	< 5.0	ug/L						
n-Propylbenzene	< 5.0	ug/L						

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Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315016 - 04-No Prep VOA								
Blank (B315016-BLK1)			Prepared & Analyzed: 09/05/13					
o-Xylene	< 5.0	ug/L						
p-Isopropyl toluene	< 5.0	ug/L						
Propionitrile	< 10	ug/L						
sec-Butylbenzene	< 5.0	ug/L						
Styrene	< 5.0	ug/L						
tert-Butylbenzene	< 5.0	ug/L						
Tetrachloroethene	< 5.0	ug/L						
Toluene	< 5.0	ug/L						
trans-1,2-Dichloroethene	< 5.0	ug/L						
trans-1,3-Dichloropropene	< 5.0	ug/L						
trans-1,4-Dichloro-2-butene	< 5.0	ug/L						
Trichloroethene	< 5.0	ug/L						
Trichlorofluoromethane	< 5.0	ug/L						
Vinyl acetate	< 10	ug/L						
Vinyl chloride	< 5.0	ug/L						
Xylenes- Total	< 15	ug/L						
Surrogate: 1,2-Dichloroethane-d4	*28.5*	*ug/L*	*30.00*		*95*	*65.6-134*		
Surrogate: Bromofluorobenzene	*26.4*	*ug/L*	*30.00*		*88*	*61-140*		
Surrogate: Toluene-d8	*27.7*	*ug/L*	*30.00*		*92*	*75.4-120*		
LCS (B315016-BS1)			Prepared & Analyzed: 09/05/13					
1,1,1-Trichloroethane	17	ug/L	20.00		85	75-125		
1,1,2,2-Tetrachloroethane	18	ug/L	20.00		89	73-129		
1,1,2-Trichloroethane	19	ug/L	20.00		93	73-129		
1,1-Dichloroethane	18	ug/L	20.00		88	75-140		
1,1-Dichloroethene	17	ug/L	20.00		85	71-136		
1,2-Dichlorobenzene	18	ug/L	20.00		92	70-122		
1,2-Dichloroethane	19	ug/L	20.00		97	77-126		
1,2-Dichloropropane	19	ug/L	20.00		93	80-126		
1,3-Dichlorobenzene	22	ug/L	20.00		109	77-125		
1,4-Dichlorobenzene	19	ug/L	20.00		94	74-119		
2-Chloroethylvinyl ether	20	ug/L	20.00		100	59-127		
Acrolein	120	ug/L	200.0		60	36-139		
Acrylonitrile	15	ug/L	20.00		77	43-133		
Benzene	19	ug/L	20.00		96	75-123		
Bromodichloromethane	19	ug/L	20.00		97	72-126		
Bromoform	20	ug/L	20.00		98	50-121		
Bromomethane	20	ug/L	20.00		98	19-149		
Carbon tetrachloride	16	ug/L	20.00		81	75-123		
Chlorobenzene	19	ug/L	20.00		96	76-121		

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Laboratory Results

Volatile Organics - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315016 - 04-No Prep VOA									
LCS (B315016-BS1)				Prepared & Analyzed: 09/05/13					
Chloroethane		21	ug/L	20.00		104	24-151		
Chloroform		19	ug/L	20.00		93	73-136		
Chloromethane		21	ug/L	20.00		105	44-126		
cis-1,3-Dichloropropene		19	ug/L	20.00		96	79-121		
Dibromochloromethane		19	ug/L	20.00		94	73-122		
Ethylbenzene		19	ug/L	20.00		95	76-129		
m,p-Xylene		39	ug/L	40.00		96	71-123		
Methylene chloride		18	ug/L	20.00		89	76-143		
o-Xylene		20	ug/L	20.00		100	72-123		
Tetrachloroethene	C, X	31	ug/L	20.00		156	53-147		
Toluene		19	ug/L	20.00		97	75-128		
trans-1,2-Dichloroethene		18	ug/L	20.00		92	72-136		
trans-1,3-Dichloropropene		20	ug/L	20.00		100	72-120		
Trichloroethene		18	ug/L	20.00		88	74-131		
Trichlorofluoromethane		21	ug/L	20.00		103	68-134		
Vinyl chloride		20	ug/L	20.00		102	48-129		
Surrogate: 1,2-Dichloroethane-d4		*26.3*	*ug/L*	*30.00*		*88*	*60.5-136*		
Surrogate: Bromofluorobenzene		*26.7*	*ug/L*	*30.00*		*89*	*71.3-122*		
Surrogate: Toluene-d8		*25.8*	*ug/L*	*30.00*		*86*	*71.9-118*		
Matrix Spike (B315016-MS1)		**Source: 3084458-01**		Prepared: 09/05/13 Analyzed: 09/06/13					
1,1,1-Trichloroethane		177	ug/L	500.0	ND	35	27-153		
1,1,2,2-Tetrachloroethane		465	ug/L	500.0	ND	93	32-186		
1,1,2-Trichloroethane		509	ug/L	500.0	ND	102	38-171		
1,1-Dichloroethane	Q3	187	ug/L	500.0	ND	37	39-162		
1,1-Dichloroethene	Q3	94	ug/L	500.0	ND	19	25-172		
1,2-Dichlorobenzene		382	ug/L	500.0	ND	76	57-129		
1,2-Dichloroethane		315	ug/L	500.0	ND	63	60-135		
1,2-Dichloropropane		280	ug/L	500.0	ND	56	55-140		
1,3-Dichlorobenzene		341	ug/L	500.0	ND	68	53-133		
1,4-Dichlorobenzene		425	ug/L	500.0	120	61	61-125		
Acrolein		3490	ug/L	5000	ND	70	25-187		
Acrylonitrile		423	ug/L	500.0	ND	85	39-135		
Benzene	Q3	1050	ug/L	500.0	894	31	39-150		
Bromodichloromethane		291	ug/L	500.0	ND	58	58-135		
Bromoform		385	ug/L	500.0	ND	77	34-123		
Bromomethane		168	ug/L	500.0	ND	34	25-148		
Carbon tetrachloride	Q3	103	ug/L	500.0	ND	21	25-157		
Chlorobenzene	Q3	267	ug/L	500.0	ND	53	59-131		
Chloroethane	Q3	112	ug/L	500.0	ND	22	25-154		

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Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte		Result		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315016 - 04-No Prep VOA										
Matrix Spike (B315016-MS1)		**Source: 3084458-01**			Prepared: 09/05/13 Analyzed: 09/06/13					
Chloroform		272		ug/L	500.0	ND	54	48-153		
Chloromethane	Q3	< 250		ug/L	500.0	ND		25-150		
cis-1,3-Dichloropropene	Q3	277		ug/L	500.0	ND	55	60-131		
Dibromochloromethane		303		ug/L	500.0	ND	61	57-130		
Ethylbenzene		327		ug/L	500.0	113	43	42-146		
m,p-Xylene		584		ug/L	1000	125	46	37-143		
Methylene chloride		268		ug/L	500.0	ND	54	52-162		
o-Xylene		351		ug/L	500.0	72	56	46-139		
Tetrachloroethene		175		ug/L	500.0	ND	35	25-134		
Toluene		369		ug/L	500.0	159	42	25-167		
trans-1,2-Dichloroethene		161		ug/L	500.0	ND	32	29-156		
trans-1,3-Dichloropropene		351		ug/L	500.0	ND	70	57-123		
Trichloroethene	Q3	169		ug/L	500.0	ND	34	38-149		
Trichlorofluoromethane	Q3	82		ug/L	500.0	ND	16	25-176		
Vinyl chloride	Q3	93		ug/L	500.0	ND	19	25-156		
Surrogate: 1,2-Dichloroethane-d4			*24.5*	*ug/L*	*30.00*		*82*	*58.5-136*		
Surrogate: Bromofluorobenzene			*29.9*	*ug/L*	*30.00*		*100*	*56.9-139*		
Surrogate: Toluene-d8			*26.3*	*ug/L*	*30.00*		*88*	*72.4-120*		
Matrix Spike Dup (B315016-MSD1)		**Source: 3084458-01**			Prepared: 09/05/13 Analyzed: 09/06/13					
1,1,1-Trichloroethane		168		ug/L	500.0	ND	34	27-153	5	40
1,1,2,2-Tetrachloroethane		427		ug/L	500.0	ND	85	32-186	8	40
1,1,2-Trichloroethane		454		ug/L	500.0	ND	91	38-171	12	40
1,1-Dichloroethane	Q3	160		ug/L	500.0	ND	32	39-162	16	40
1,1-Dichloroethene	Q3	87		ug/L	500.0	ND	17	25-172	8	40
1,2-Dichlorobenzene		342		ug/L	500.0	ND	68	57-129	11	40
1,2-Dichloroethane		309		ug/L	500.0	ND	62	60-135	2	40
1,2-Dichloropropane		281		ug/L	500.0	ND	56	55-140	0.2	40
1,3-Dichlorobenzene		319		ug/L	500.0	ND	64	53-133	7	40
1,4-Dichlorobenzene	Q2	403		ug/L	500.0	120	57	61-125	5	40
Acrolein		3460		ug/L	5000	ND	69	25-187	0.9	40
Acrylonitrile		407		ug/L	500.0	ND	81	39-135	4	40
Benzene	Q3	1020		ug/L	500.0	894	26	39-150	2	40
Bromodichloromethane	Q2	284		ug/L	500.0	ND	57	58-135	3	40
Bromoform		356		ug/L	500.0	ND	71	34-123	8	40
Bromomethane		165		ug/L	500.0	ND	33	25-148	2	40
Carbon tetrachloride	Q3	101		ug/L	500.0	ND	20	25-157	1	40
Chlorobenzene	Q3	246		ug/L	500.0	ND	49	59-131	8	40
Chloroethane	Q3	97		ug/L	500.0	ND	19	25-154	14	40
Chloroform		262		ug/L	500.0	ND	52	48-153	4	40

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Laboratory Results

Volatile Organics - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315016 - 04-No Prep VOA									
Matrix Spike Dup (B315016-MSD1)		**Source: 3084458-01**		Prepared: 09/05/13 Analyzed: 09/06/13					
Chloromethane	Q3	< 250	ug/L	500.0	ND		25-150		40
cis-1,3-Dichloropropene	Q3	279	ug/L	500.0	ND	56	60-131	0.6	40
Dibromochloromethane		288	ug/L	500.0	ND	58	57-130	5	40
Ethylbenzene	Q2	298	ug/L	500.0	113	37	42-146	9	40
m,p-Xylene		530	ug/L	1000	125	41	37-143	10	40
Methylene chloride	Q2	246	ug/L	500.0	ND	49	52-162	9	40
o-Xylene		327	ug/L	500.0	72	51	46-139	7	40
Tetrachloroethene		158	ug/L	500.0	ND	32	25-134	10	40
Toluene		343	ug/L	500.0	159	37	25-167	7	40
trans-1,2-Dichloroethene		155	ug/L	500.0	ND	31	29-156	4	40
trans-1,3-Dichloropropene		333	ug/L	500.0	ND	67	57-123	5	40
Trichloroethene	Q3	158	ug/L	500.0	ND	32	38-149	7	40
Trichlorofluoromethane	Q3	74	ug/L	500.0	ND	15	25-176	11	40
Vinyl chloride	Q3	89	ug/L	500.0	ND	18	25-156	4	40
Surrogate: 1,2-Dichloroethane-d4		*25.6*	*ug/L*	*30.00*		*85*	*58.5-136*		
Surrogate: Bromofluorobenzene		*29.4*	*ug/L*	*30.00*		*98*	*56.9-139*		
Surrogate: Toluene-d8		*26.5*	*ug/L*	*30.00*		*88*	*72.4-120*		

Volatile Organics - TCLP - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315096 - 04-No Prep VOA								
Blank (B315096-BLK1)			Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene	< 5.0	ug/L						
1,2-Dichloroethane	< 5.0	ug/L						
1,4-Dichlorobenzene	< 5.0	ug/L						
2-Butanone	< 10	ug/L						
Benzene	< 5.0	ug/L						
Carbon tetrachloride	< 5.0	ug/L						
Chlorobenzene	< 5.0	ug/L						
Chloroform	< 5.0	ug/L						
Tetrachloroethene	< 5.0	ug/L						
Trichloroethene	< 5.0	ug/L						
Vinyl chloride	< 5.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4	*23.8*	*ug/L*	*30.00*		*79*	*56.1-142*		
Surrogate: Toluene-d8	*26.0*	*ug/L*	*30.00*		*87*	*68.1-121*		
Surrogate: Bromofluorobenzene	*26.8*	*ug/L*	*30.00*		*89*	*64.1-128*		

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Volatile Organics - TCLP - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315096 - 04-No Prep VOA								
LCS (B315096-BS1)			Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene	19	ug/L	20.00		95	83-127		
1,2-Dichloroethane	19	ug/L	20.00		97	82-120		
1,4-Dichlorobenzene	17	ug/L	20.00		86	72-122		
2-Butanone	19	ug/L	20.00		95	49-139		
Benzene	18	ug/L	20.00		89	76-121		
Carbon tetrachloride	18	ug/L	20.00		89	86-120		
Chlorobenzene	19	ug/L	20.00		94	78-116		
Chloroform	18	ug/L	20.00		89	80-125		
Tetrachloroethene	20	ug/L	20.00		99	55-134		
Trichloroethene	17	ug/L	20.00		87	78-128		
Vinyl chloride	20	ug/L	20.00		101	50-141		
Surrogate: 1,2-Dichloroethane-d4	*25.5*	*ug/L*	*30.00*		*85*	*64.1-142*		
Surrogate: Toluene-d8	*25.0*	*ug/L*	*30.00*		*83*	*73.2-121*		
Surrogate: Bromofluorobenzene	*26.4*	*ug/L*	*30.00*		*88*	*70.8-124*		
Matrix Spike (B315096-MS1)	**Source: 3084458-01**		Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene	250	ug/L	800.0	ND	31	25-155		
1,2-Dichloroethane	659	ug/L	800.0	ND	82	72-122		
1,4-Dichlorobenzene	534	ug/L	800.0	ND	67	59-119		
2-Butanone	3620	ug/L	800.0	2460	146	25-232		
Benzene	456	ug/L	800.0	ND	57	33-127		
Carbon tetrachloride	226	ug/L	800.0	ND	28	25-148		
Chlorobenzene	499	ug/L	800.0	ND	62	53-119		
Chloroform	485	ug/L	800.0	ND	61	50-129		
Tetrachloroethene	342	ug/L	800.0	ND	43	25-142		
Trichloroethene	375	ug/L	800.0	ND	47	25-157		
Vinyl chloride	303	ug/L	800.0	ND	38	25-147		
Surrogate: 1,2-Dichloroethane-d4	*25.4*	*ug/L*	*30.00*		*85*	*55.8-141*		
Surrogate: Toluene-d8	*25.8*	*ug/L*	*30.00*		*86*	*68.5-119*		
Surrogate: Bromofluorobenzene	*27.6*	*ug/L*	*30.00*		*92*	*62.3-130*		
Matrix Spike (B315096-MS2)	**Source: 3084520-01**		Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene	302	ug/L	800.0	ND	38	25-155		
1,2-Dichloroethane	738	ug/L	800.0	ND	92	72-122		
1,4-Dichlorobenzene	625	ug/L	800.0	ND	78	59-119		
2-Butanone	2470	ug/L	800.0	1220	157	25-232		
Benzene	570	ug/L	800.0	ND	71	33-127		
Carbon tetrachloride	257	ug/L	800.0	ND	32	25-148		
Chlorobenzene	633	ug/L	800.0	ND	79	53-119		
Chloroform	614	ug/L	800.0	ND	77	50-129		
Tetrachloroethene	445	ug/L	800.0	ND	56	25-142		

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St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Volatile Organics - TCLP - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315096 - 04-No Prep VOA									
Matrix Spike (B315096-MS2)		**Source: 3084520-01**		Prepared & Analyzed: 09/05/13					
Trichloroethene		461	ug/L	800.0	ND	58	25-157		
Vinyl chloride		364	ug/L	800.0	ND	45	25-147		
Surrogate: 1,2-Dichloroethane-d4		*26.5*	*ug/L*	*30.00*		*88*	*55.8-141*		
Surrogate: Toluene-d8		*25.0*	*ug/L*	*30.00*		*83*	*68.5-119*		
Surrogate: Bromofluorobenzene		*27.5*	*ug/L*	*30.00*		*92*	*62.3-130*		
Matrix Spike (B315096-MS3)		**Source: 3084528-01**		Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene	Q1	42	ug/L	200.0	ND	21	25-155		
1,2-Dichloroethane		163	ug/L	200.0	ND	81	72-122		
1,4-Dichlorobenzene		124	ug/L	200.0	ND	62	59-119		
2-Butanone		259	ug/L	200.0	58	100	25-232		
Benzene		98	ug/L	200.0	ND	49	33-127		
Carbon tetrachloride	Q1	36	ug/L	200.0	ND	18	25-148		
Chlorobenzene		121	ug/L	200.0	ND	60	53-119		
Chloroform		118	ug/L	200.0	ND	59	50-129		
Tetrachloroethene		65	ug/L	200.0	ND	33	25-142		
Trichloroethene		77	ug/L	200.0	ND	39	25-157		
Vinyl chloride		50	ug/L	200.0	ND	25	25-147		
Surrogate: 1,2-Dichloroethane-d4		*23.9*	*ug/L*	*30.00*		*80*	*55.8-141*		
Surrogate: Toluene-d8		*25.1*	*ug/L*	*30.00*		*84*	*68.5-119*		
Surrogate: Bromofluorobenzene		*26.9*	*ug/L*	*30.00*		*90*	*62.3-130*		
Matrix Spike (B315096-MS4)		**Source: 3090049-01**		Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene		68	ug/L	200.0	ND	34	25-155		
1,2-Dichloroethane		181	ug/L	200.0	ND	90	72-122		
1,4-Dichlorobenzene		155	ug/L	200.0	ND	77	59-119		
2-Butanone		210	ug/L	200.0	ND	105	25-232		
Benzene		139	ug/L	200.0	ND	70	33-127		
Carbon tetrachloride		56	ug/L	200.0	ND	28	25-148		
Chlorobenzene		157	ug/L	200.0	ND	78	53-119		
Chloroform		150	ug/L	200.0	ND	75	50-129		
Tetrachloroethene		102	ug/L	200.0	ND	51	25-142		
Trichloroethene		127	ug/L	200.0	ND	64	25-157		
Vinyl chloride		86	ug/L	200.0	ND	43	25-147		
Surrogate: 1,2-Dichloroethane-d4		*25.6*	*ug/L*	*30.00*		*85*	*55.8-141*		
Surrogate: Toluene-d8		*25.2*	*ug/L*	*30.00*		*84*	*68.5-119*		
Surrogate: Bromofluorobenzene		*26.9*	*ug/L*	*30.00*		*90*	*62.3-130*		
Matrix Spike (B315096-MS5)		**Source: 3090114-01**		Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene		316	ug/L	800.0	ND	40	25-155		
1,2-Dichloroethane		789	ug/L	800.0	ND	99	72-122		

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Laboratory Results

Volatile Organics - TCLP - Quality Control

Analyte		Result		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315096 - 04-No Prep VOA										
Matrix Spike (B315096-MS5)		**Source: 3090114-01**			Prepared & Analyzed: 09/05/13					
1,4-Dichlorobenzene	Q1	467		ug/L	800.0	ND	58	59-119		
2-Butanone		3800		ug/L	800.0	2400	175	25-232		
Benzene		654		ug/L	800.0	ND	82	33-127		
Carbon tetrachloride		268		ug/L	800.0	ND	33	25-148		
Chlorobenzene		583		ug/L	800.0	ND	73	53-119		
Chloroform		631		ug/L	800.0	ND	79	50-129		
Tetrachloroethene		403		ug/L	800.0	ND	50	25-142		
Trichloroethene		569		ug/L	800.0	ND	71	25-157		
Vinyl chloride		386		ug/L	800.0	ND	48	25-147		
Surrogate: 1,2-Dichloroethane-d4			*26.8*	*ug/L*	*30.00*		*89*	*55.8-141*		
Surrogate: Toluene-d8			*25.6*	*ug/L*	*30.00*		*85*	*68.5-119*		
Surrogate: Bromofluorobenzene			*26.3*	*ug/L*	*30.00*		*88*	*62.3-130*		

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B314841 - EPA 625/8270								
Blank (B314841-BLK1)			Prepared: 09/03/13 Analyzed: 09/05/13					
N-Nitrosodimethylamine	< 10	ug/L						
Pyridine	< 10	ug/L						
Phenol	< 10	ug/L						
Aniline	< 10	ug/L						
Bis(2-chloroethyl) ether	< 10	ug/L						
2-Chlorophenol	< 10	ug/L						
1,3-Dichlorobenzene	< 10	ug/L						
1,4-Dichlorobenzene-d4	40	ug/mL	4000		1	0-200		
1,4-Dichlorobenzene	< 10	ug/L						
Benzyl alcohol	< 10	ug/L						
1,2-Dichlorobenzene	< 10	ug/L						
2-Methylphenol	< 10	ug/L						
Bis(2-chloroisopropyl) ether	< 10	ug/L						
N-Nitrosodi-n-propylamine	< 10	ug/L						
3- & 4-Methylphenol	< 10	ug/L						
Hexachloroethane	< 10	ug/L						
Nitrobenzene	< 10	ug/L						
Isophorone	< 10	ug/L						
2-Nitrophenol	< 10	ug/L						

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Laboratory Results

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B314841 - EPA 625/8270								
Blank (B314841-BLK1)			Prepared: 09/03/13 Analyzed: 09/05/13					
2,4-Dimethylphenol	< 10	ug/L						
Bis(2-chloroethoxy) methane	< 10	ug/L						
2,4-Dichlorophenol	< 10	ug/L						
1,2,4-Trichlorobenzene	< 10	ug/L						
1,2,4,5-Tetrachlorobenzene	< 10	ug/L						
Naphthalene-d8	40	ug/mL	4000		1	0-200		
Naphthalene	< 10	ug/L						
4-Chloroaniline	< 10	ug/L						
2,6-Dichlorophenol	< 10	ug/L						
Hexachlorobutadiene	< 10	ug/L						
4-Chloro-3-methylphenol	< 10	ug/L						
2-Methylnaphthalene	< 10	ug/L						
Hexachlorocyclopentadiene	< 10	ug/L						
2,4,6-Trichlorophenol	< 50	ug/L						
2,4,5-Trichlorophenol	< 50	ug/L						
2-Chloronaphthalene	< 10	ug/L						
2-Nitroaniline	< 50	ug/L						
Dimethyl phthalate	< 10	ug/L						
2,6-Dinitrotoluene	< 10	ug/L						
Acenaphthylene	< 10	ug/L						
3-Nitroaniline	< 50	ug/L						
Acenaphthene-d10	40	ug/mL	4000		1	0-200		
Acenaphthene	< 10	ug/L						
2,4-Dinitrophenol	< 50	ug/L						
4-Nitrophenol	< 50	ug/L						
Dibenzofuran	< 10	ug/L						
2,4-Dinitrotoluene	< 10	ug/L						
2,3,4,6-Tetrachlorophenol	< 10	ug/L						
Diethyl phthalate	< 10	ug/L						
Fluorene	< 10	ug/L						
4-Chlorophenylphenyl ether	< 10	ug/L						
4-Nitroaniline	< 50	ug/L						
4,6-Dinitro-2-methylphenol	< 50	ug/L						
N-Nitrosodiphenylamine	< 10	ug/L						
Diphenylamine	< 10	ug/L						
1,2-Diphenylhydrazine	< 10	ug/L						
4-Bromophenyl phenyl ether	< 10	ug/L						
Hexachlorobenzene	< 10	ug/L						
Pentachlorophenol	< 50	ug/L						

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Laboratory Results

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B314841 - EPA 625/8270								
Blank (B314841-BLK1)			Prepared: 09/03/13 Analyzed: 09/05/13					
Phenanthrene-d10	40	ug/mL	4000		1	0-200		
Phenanthrene	< 10	ug/L						
Anthracene	< 10	ug/L						
Di-n-butyl phthalate	< 10	ug/L						
Fluoranthene	< 10	ug/L						
Benzidine	< 80	ug/L						
Pyrene	< 10	ug/L						
Butyl benzyl phthalate	< 10	ug/L						
Benzo(a)anthracene	< 10	ug/L						
3,3'-Dichlorobenzidine	< 20	ug/L						
Chrysene-d12	40	ug/mL	4000		1	0-200		
Chrysene	< 10	ug/L						
Bis(2-ethylhexyl) phthalate	< 10	ug/L						
Di-n-octyl phthalate	< 10	ug/L						
Benzo(b)fluoranthene	< 10	ug/L						
Benzo(k)fluoranthene	< 10	ug/L						
Benzo(a)pyrene	< 10	ug/L						
Cresols- Total	< 20	ug/L						
Perylene-d12	40	ug/mL	4000		1	0-200		
3-Methylcholanthrene	< 10	ug/L						
Indeno(1,2,3-cd)pyrene	< 10	ug/L						
Dibenzo(a,h)anthracene	< 10	ug/L						
Benzo(g,h,i)perylene	< 10	ug/L						
Surrogate: 2-Fluorophenol	*28*	*ug/L*	*75.00*		*37*	*14-92*		
Surrogate: Phenol-d6	*17*	*ug/L*	*75.00*		*23*	*11-62*		
Surrogate: Nitrobenzene-d5	*24*	*ug/L*	*50.00*		*49*	*26-124*		
Surrogate: 2-Fluorobiphenyl	*23*	*ug/L*	*50.00*		*45*	*22-126*		
Surrogate: 2,4,6-Tribromophenol	*46*	*ug/L*	*75.00*		*61*	*34-152*		
Surrogate: p-Terphenyl-d14	*28*	*ug/L*	*50.00*		*56*	*50-143*		
Batch B315156 - EPA 625/8270								
Blank (B315156-BLK1)			Prepared: 09/06/13 Analyzed: 09/10/13					
N-Nitrosodimethylamine	< 10	ug/L						
Pyridine	< 10	ug/L						
Phenol	< 10	ug/L						
Aniline	< 10	ug/L						
Bis(2-chloroethyl) ether	< 10	ug/L						
2-Chlorophenol	< 10	ug/L						
1,3-Dichlorobenzene	< 10	ug/L						

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Laboratory Results

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315156 - EPA 625/8270								
Blank (B315156-BLK1)			Prepared: 09/06/13 Analyzed: 09/10/13					
1,4-Dichlorobenzene-d4	0	ug/L				0-200		
1,4-Dichlorobenzene	< 10	ug/L						
Benzyl alcohol	< 10	ug/L						
1,2-Dichlorobenzene	< 10	ug/L						
2-Methylphenol	< 10	ug/L						
Bis(2-chloroisopropyl) ether	< 10	ug/L						
N-Nitrosodi-n-propylamine	< 10	ug/L						
3- & 4-Methylphenol	< 10	ug/L						
Hexachloroethane	< 10	ug/L						
Nitrobenzene	< 10	ug/L						
Isophorone	< 10	ug/L						
2-Nitrophenol	< 10	ug/L						
2,4-Dimethylphenol	< 10	ug/L						
Bis(2-chloroethoxy) methane	< 10	ug/L						
2,4-Dichlorophenol	< 10	ug/L						
1,2,4-Trichlorobenzene	< 10	ug/L						
1,2,4,5-Tetrachlorobenzene	< 10	ug/L						
Naphthalene-d8	40	ug/L				0-200		
Naphthalene	< 10	ug/L						
4-Chloroaniline	< 10	ug/L						
2,6-Dichlorophenol	< 10	ug/L						
Hexachlorobutadiene	< 10	ug/L						
4-Chloro-3-methylphenol	< 10	ug/L						
2-Methylnaphthalene	< 10	ug/L						
Hexachlorocyclopentadiene	< 10	ug/L						
2,4,6-Trichlorophenol	< 50	ug/L						
2,4,5-Trichlorophenol	< 50	ug/L						
2-Chloronaphthalene	< 10	ug/L						
2-Nitroaniline	< 50	ug/L						
Dimethyl phthalate	< 10	ug/L						
2,6-Dinitrotoluene	< 10	ug/L						
Acenaphthylene	< 10	ug/L						
3-Nitroaniline	< 50	ug/L						
Acenaphthene-d10	40	ug/L				0-200		
Acenaphthene	< 10	ug/L						
2,4-Dinitrophenol	< 50	ug/L						
4-Nitrophenol	< 50	ug/L						
Dibenzofuran	< 10	ug/L						
2,4-Dinitrotoluene	< 10	ug/L						

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Laboratory Results

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315156 - EPA 625/8270								
Blank (B315156-BLK1)			Prepared: 09/06/13 Analyzed: 09/10/13					
2,3,4,6-Tetrachlorophenol	< 10	ug/L						
Diethyl phthalate	< 10	ug/L						
Fluorene	< 10	ug/L						
4-Chlorophenylphenyl ether	< 10	ug/L						
4-Nitroaniline	< 50	ug/L						
4,6-Dinitro-2-methylphenol	< 50	ug/L						
N-Nitrosodiphenylamine	< 10	ug/L						
Diphenylamine	< 10	ug/L						
1,2-Diphenylhydrazine	< 10	ug/L						
4-Bromophenyl phenyl ether	< 10	ug/L						
Hexachlorobenzene	< 10	ug/L						
Pentachlorophenol	< 50	ug/L						
Phenanthrene-d10	40	ug/L				0-200		
Phenanthrene	< 10	ug/L						
Anthracene	< 10	ug/L						
Di-n-butyl phthalate	< 10	ug/L						
Fluoranthene	< 10	ug/L						
Benzidine	< 80	ug/L						
Pyrene	< 10	ug/L						
Butyl benzyl phthalate	< 10	ug/L						
Benzo(a)anthracene	< 10	ug/L						
3,3'-Dichlorobenzidine	< 20	ug/L						
Chrysene-d12	40	ug/L				0-200		
Chrysene	< 10	ug/L						
Bis(2-ethylhexyl) phthalate	< 10	ug/L						
Di-n-octyl phthalate	< 10	ug/L						
Benzo(b)fluoranthene	< 10	ug/L						
Benzo(k)fluoranthene	< 10	ug/L						
Benzo(a)pyrene	< 10	ug/L						
Cresols- Total	< 20	ug/L						
Perylene-d12	40	ug/L				0-200		
3-Methylcholanthrene	< 10	ug/L						
Indeno(1,2,3-cd)pyrene	< 10	ug/L						
Dibenzo(a,h)anthracene	< 10	ug/L						
Benzo(g,h,i)perylene	< 10	ug/L						
Surrogate: 2-Fluorophenol	*20*	*ug/L*	*75.00*		*27*	*14-92*		
Surrogate: Phenol-d6	*15*	*ug/L*	*75.00*		*20*	*11-62*		
Surrogate: Nitrobenzene-d5	*25*	*ug/L*	*50.00*		*51*	*26-124*		
Surrogate: 2-Fluorobiphenyl	*27*	*ug/L*	*50.00*		*54*	*22-126*		

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Laboratory Results

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315156 - EPA 625/8270								
Blank (B315156-BLK1)			Prepared: 09/06/13 Analyzed: 09/10/13					
Surrogate: 2,4,6-Tribromophenol	*29*	*ug/L*	*75.00*		*38*	*34-152*		
Surrogate: p-Terphenyl-d14	*30*	*ug/L*	*50.00*		*60*	*50-143*		
Blank (B315156-BLK2)			Prepared: 09/06/13 Analyzed: 09/10/13					
N-Nitrosodimethylamine	< 100	ug/L						
Pyridine	< 100	ug/L						
Phenol	< 100	ug/L						
Aniline	< 100	ug/L						
Bis(2-chloroethyl) ether	< 100	ug/L						
2-Chlorophenol	< 100	ug/L						
1,3-Dichlorobenzene	< 100	ug/L						
1,4-Dichlorobenzene-d4	0	ug/L				0-200		
1,4-Dichlorobenzene	< 100	ug/L						
Benzyl alcohol	< 100	ug/L						
1,2-Dichlorobenzene	< 100	ug/L						
2-Methylphenol	< 100	ug/L						
Bis(2-chloroisopropyl) ether	< 100	ug/L						
N-Nitrosodi-n-propylamine	< 100	ug/L						
3- & 4-Methylphenol	< 100	ug/L						
Hexachloroethane	< 100	ug/L						
Nitrobenzene	< 100	ug/L						
Isophorone	< 100	ug/L						
2-Nitrophenol	< 100	ug/L						
2,4-Dimethylphenol	< 100	ug/L						
Bis(2-chloroethoxy) methane	< 100	ug/L						
2,4-Dichlorophenol	< 100	ug/L						
1,2,4-Trichlorobenzene	< 100	ug/L						
1,2,4,5-Tetrachlorobenzene	< 100	ug/L						
Naphthalene-d8	400	ug/L				0-200		
Naphthalene	< 100	ug/L						
4-Chloroaniline	< 100	ug/L						
2,6-Dichlorophenol	< 100	ug/L						
Hexachlorobutadiene	< 100	ug/L						
4-Chloro-3-methylphenol	< 100	ug/L						
2-Methylnaphthalene	< 100	ug/L						
Hexachlorocyclopentadiene	< 100	ug/L						
2,4,6-Trichlorophenol	< 500	ug/L						
2,4,5-Trichlorophenol	< 500	ug/L						
2-Chloronaphthalene	< 100	ug/L						
2-Nitroaniline	< 500	ug/L						

3084520

PDC Laboratories, Inc.
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(314) 432-0550 • (800) 333-FAST • FAX (314) 432-4977

Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315156 - EPA 625/8270								
Blank (B315156-BLK2)			Prepared: 09/06/13 Analyzed: 09/10/13					
Dimethyl phthalate	< 100	ug/L						
2,6-Dinitrotoluene	< 100	ug/L						
Acenaphthylene	< 100	ug/L						
3-Nitroaniline	< 500	ug/L						
Acenaphthene-d10	400	ug/L				0-200		
Acenaphthene	< 100	ug/L						
2,4-Dinitrophenol	< 500	ug/L						
4-Nitrophenol	< 500	ug/L						
Dibenzofuran	< 100	ug/L						
2,4-Dinitrotoluene	< 100	ug/L						
2,3,4,6-Tetrachlorophenol	< 100	ug/L						
Diethyl phthalate	< 100	ug/L						
Fluorene	< 100	ug/L						
4-Chlorophenylphenyl ether	< 100	ug/L						
4-Nitroaniline	< 500	ug/L						
4,6-Dinitro-2-methylphenol	< 500	ug/L						
N-Nitrosodiphenylamine	< 100	ug/L						
Diphenylamine	< 100	ug/L						
1,2-Diphenylhydrazine	< 100	ug/L						
4-Bromophenyl phenyl ether	< 100	ug/L						
Hexachlorobenzene	< 100	ug/L						
Pentachlorophenol	< 500	ug/L						
Phenanthrene-d10	400	ug/L				0-200		
Phenanthrene	< 100	ug/L						
Anthracene	< 100	ug/L						
Di-n-butyl phthalate	< 100	ug/L						
Fluoranthene	< 100	ug/L						
Benzidine	< 800	ug/L						
Pyrene	< 100	ug/L						
Butyl benzyl phthalate	< 100	ug/L						
Benzo(a)anthracene	< 100	ug/L						
3,3'-Dichlorobenzidine	< 200	ug/L						
Chrysene-d12	400	ug/L				0-200		
Chrysene	< 100	ug/L						
Bis(2-ethylhexyl) phthalate	< 100	ug/L						
Di-n-octyl phthalate	< 100	ug/L						
Benzo(b)fluoranthene	< 100	ug/L						
Benzo(k)fluoranthene	< 100	ug/L						
Cresols- Total	< 200	ug/L						

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13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315156 - EPA 625/8270								
Blank (B315156-BLK2)			Prepared: 09/06/13 Analyzed: 09/10/13					
Benzo(a)pyrene	< 100	ug/L						
Perylene-d12	400	ug/L				0-200		
3-Methylcholanthrene	< 100	ug/L						
Indeno(1,2,3-cd)pyrene	< 100	ug/L						
Dibenzo(a,h)anthracene	< 100	ug/L						
Benzo(g,h,i)perylene	< 100	ug/L						
Surrogate: 2-Fluorophenol	*380*	*ug/L*	*750.0*		*50*	*14-92*		
Surrogate: Phenol-d6	*250*	*ug/L*	*750.0*		*34*	*11-62*		
Surrogate: Nitrobenzene-d5	*360*	*ug/L*	*500.0*		*72*	*26-124*		
Surrogate: 2-Fluorobiphenyl	*380*	*ug/L*	*500.0*		*77*	*22-126*		
Surrogate: 2,4,6-Tribromophenol	*590*	*ug/L*	*750.0*		*79*	*34-152*		
Surrogate: p-Terphenyl-d14	*650*	*ug/L*	*500.0*		*130*	*50-143*		
LCS (B315156-BS1)			Prepared: 09/06/13 Analyzed: 09/12/13					
N-Nitrosodimethylamine	25	ug/L	50.00		50	20-83		
Pyridine	14	ug/L	50.00		27	5-65		
Phenol	30	ug/L	100.0		30	10-63		
Aniline	34	ug/L	50.00		68	10-106		
Bis(2-chloroethyl) ether	38	ug/L	50.00		76	23-122		
2-Chlorophenol	78	ug/L	100.0		78	24-112		
1,3-Dichlorobenzene	30	ug/L	50.00		59	21-98		
1,4-Dichlorobenzene-d4	40	ug/L				0-200		
1,4-Dichlorobenzene	32	ug/L	50.00		63	20-103		
Benzyl alcohol	36	ug/L	50.00		72	8-127		
1,2-Dichlorobenzene	31	ug/L	50.00		62	22-103		
2-Methylphenol	66	ug/L	100.0		66	21-98		
Bis(2-chloroisopropyl) ether	40	ug/L	50.00		80	19-133		
N-Nitrosodi-n-propylamine	17	ug/L	50.00		35	26-126		
3- & 4-Methylphenol	65	ug/L	100.0		65	16-98		
Hexachloroethane	30	ug/L	50.00		60	16-100		
Nitrobenzene	42	ug/L	50.00		83	22-120		
Isophorone	48	ug/L	50.00		97	35-123		
2-Nitrophenol	89	ug/L	100.0		89	25-120		
2,4-Dimethylphenol	79	ug/L	100.0		79	25-109		
Bis(2-chloroethoxy) methane	47	ug/L	50.00		95	22-127		
2,4-Dichlorophenol	92	ug/L	100.0		92	22-122		
1,2,4-Trichlorobenzene	36	ug/L	50.00		71	20-111		
Naphthalene-d8	40	ug/L				0-200		
Naphthalene	37	ug/L	50.00		75	24-114		
4-Chloroaniline	40	ug/L	50.00		79	18-132		

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315156 - EPA 625/8270								
LCS (B315156-BS1)			Prepared: 09/06/13 Analyzed: 09/12/13					
Hexachlorobutadiene	32	ug/L	50.00		64	16-109		
4-Chloro-3-methylphenol	85	ug/L	100.0		85	31-118		
2-Methylnaphthalene	42	ug/L	50.00		84	13-130		
Hexachlorocyclopentadiene	40	ug/L	50.00		80	10-99		
2,4,6-Trichlorophenol	84	ug/L	100.0		84	22-132		
2,4,5-Trichlorophenol	79	ug/L	100.0		79	18-130		
2-Chloronaphthalene	28	ug/L	50.00		56	23-119		
2-Nitroaniline	46	ug/L	50.00		93	26-145		
Dimethyl phthalate	43	ug/L	50.00		87	37-139		
2,6-Dinitrotoluene	42	ug/L	50.00		83	36-136		
Acenaphthylene	37	ug/L	50.00		74	30-111		
3-Nitroaniline	41	ug/L	50.00		82	27-137		
Acenaphthene-d10	40	ug/L				0-200		
Acenaphthene	38	ug/L	50.00		76	25-132		
2,4-Dinitrophenol	73	ug/L	100.0		73	23-128		
4-Nitrophenol	39	ug/L	100.0		39	23-58		
Dibenzofuran	43	ug/L	50.00		86	25-139		
2,4-Dinitrotoluene	41	ug/L	50.00		81	36-138		
Diethyl phthalate	44	ug/L	50.00		87	38-148		
Fluorene	41	ug/L	50.00		82	32-138		
4-Chlorophenylphenyl ether	42	ug/L	50.00		83	28-140		
4-Nitroaniline	44	ug/L	50.00		88	24-148		
4,6-Dinitro-2-methylphenol	82	ug/L	100.0		82	37-122		
N-Nitrosodiphenylamine	38	ug/L	50.00		76	44-119		
4-Bromophenyl phenyl ether	39	ug/L	50.00		77	31-137		
Hexachlorobenzene	36	ug/L	50.00		73	35-133		
Pentachlorophenol	76	ug/L	100.0		76	35-134		
Phenanthrene-d10	40	ug/L				0-200		
Anthracene	45	ug/L	50.00		90	44-130		
Di-n-butyl phthalate	43	ug/L	50.00		87	46-132		
Fluoranthene	41	ug/L	50.00		82	42-131		
Pyrene	39	ug/L	50.00		78	46-119		
Butyl benzyl phthalate	44	ug/L	50.00		87	42-122		
Benzo(a)anthracene	42	ug/L	50.00		84	43-104		
Chrysene-d12	40	ug/L				0-200		
Chrysene	40	ug/L	50.00		80	45-119		
Bis(2-ethylhexyl) phthalate	42	ug/L	50.00		85	45-121		
Di-n-octyl phthalate	46	ug/L	50.00		91	46-131		
Benzo(b)fluoranthene	22	ug/L	50.00		43	20-133		

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315156 - EPA 625/8270								
LCS (B315156-BS1)			Prepared: 09/06/13 Analyzed: 09/12/13					
Benzo(k)fluoranthene	31	ug/L	50.00		62	6-176		
Benzo(a)pyrene	25	ug/L	50.00		49	26-142		
Perylene-d12	40	ug/L				0-200		
Indeno(1,2,3-cd)pyrene	26	ug/L	50.00		53	25-143		
Dibenzo(a,h)anthracene	23	ug/L	50.00		46	25-144		
Benzo(g,h,i)perylene	23	ug/L	50.00		47	24-142		
Surrogate: 2-Fluorophenol	*41*	*ug/L*	*75.00*		*55*	*14-92*		
Surrogate: Phenol-d6	*24*	*ug/L*	*75.00*		*32*	*11-62*		
Surrogate: Nitrobenzene-d5	*41*	*ug/L*	*50.00*		*82*	*26-124*		
Surrogate: 2-Fluorobiphenyl	*40*	*ug/L*	*50.00*		*79*	*22-126*		
Surrogate: 2,4,6-Tribromophenol	*62*	*ug/L*	*75.00*		*83*	*34-152*		
Surrogate: p-Terphenyl-d14	*36*	*ug/L*	*50.00*		*73*	*50-143*		

PDC Laboratories, Inc.
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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 08/30/13 14:35
Report Date: 09/16/13
Customer #: 277310

Laboratory Results

Notes

This report shall not be reproduced, except in full, without the written approval of the laboratory.

PDC Laboratories participates in the following accreditation/certification and proficiency programs at the following locations. Endorsement by Federal or State Governments or their agencies is not implied.

PIA PDC Laboratories - Peoria, IL
NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications: Kansas (E-10338); Missouri (870); Wisconsin (998284430); Indiana (C-IL-040); Iowa (240)
Wastewater Certifications: Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
Hazardous/Solid Waste Certifications; Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
UST Certification; Iowa (240)
SPM PDC Laboratories - Springfield, MO
EPA DMR-QA Program
STL PDC Laboratories - St. Louis, MO
NELAC Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing
Drinking Water Certifications: Kansas (E-10389)

X Analyte failed blank spike recovery limits with high bias; undetected in all samples.
Q3 MS/MSD both failed %R
Q2 MSD failed %R
Q1 MS Failed %R
C The blank spike failed to meet the required acceptance criteria.

Certified by: Roxann Shull, Client Services Supervisor

PDC Laboratories, Inc. – St. Louis
3278 N. Highway 67 (Lindbergh)
Florissant, MO 63033
www.pdclab.com

CHAIN OF CUSTODY RECORD

Phone (314) 432-0550 or (314) 921-4488
Fax (314) 432-4977

State where samples collected MO

(Instructions/Sample Acceptance Policy on Reverse)

ALL SHADED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT: BARR ENGINEERING
ADDRESS: 1001 DIAMOND RIDGE, SUITE 1100
CITY STATE ZIP: JEFF CITY, MO 65109
CONTACT PERSON: ED GALBRAITH 573-418-5562

PROJECT NUMBER:
P.O. NUMBER:
MEANS SHIPPED:
PHONE NUMBER:
FAX NUMBER:
EMAIL ADDRESS: egalbraith@barr.com
SAMPLER: WILLIAM ABERNATHY
SAMPLER'S SIGNATURE:

MATRIX TYPES:
WW-WASTEWATER
DW-DRINKING WATER
GW-GROUND WATER
WWSL-SLUDGE
NAS-SOLID
L'CHT-LEACHATE
NAL-NONAQUEOUS
SOIL-SOILS

3 ANALYSIS REQUESTED

4 (FOR LAB USE ONLY)
LOGIN # 308450
LOGGED BY: HE
LAB PROJ. #
TEMPLATE:
PROJ. MGR.:

2 SAMPLE DESCRIPTION AS YOU WANT ON REPORT	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	Bottle Count	TOTAL SVOCS	TOTAL VOCS	TCLP VOCS	TOC	% SOLIDS			REMARKS
TCLP II/IV A	8/30/13	1224	✓		LCHT	8	2	2	2	1	1			
TCLP II/IV B	8/30/13	1234	✓		LCHT	4	2	2						
TCLP II/IV C	8/30/13	1244	✓		LCHT	4	2	2						
TCLP II/IV D	8/30/13	1254	✓		LCHT	4	2	2						
TRIP BLANK	—	—	—		DI	2		2						

5 TURNAROUND TIME (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)
NORMAL (8-10 Bus. Days) RUSH (5 Bus. Days) *Fastrak*™ (3 Bus. Days) 1-2 Bus. Days Same Day
DATE DUE
RESULTS BY: E-MAIL FAX PHONE CALL PHONE/FAX# IF DIFFERENT FROM ABOVE

6 The sample temperature will be measured upon receipt at the lab. By initialing this area, you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area, you allow the lab to proceed with analytical testing regardless of the sample temperature.

7

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
	8/30/13	1420	Heather Callaert	8/30/13	14:20
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME

8 COMMENTS:(FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT 38.0 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N
SAMPLES(S) RECEIVED ON ICE Y OR N
PROPER BOTTLES RECEIVED IN GOOD CONDITION Y OR N
BOTTLES FILLED WITH ADEQUATE VOLUME Y OR N
SAMPLES RECEIVED WITHIN HOLD TIME(S) (EXCLUDES TYPICAL FIELD PARAMETERS) Y OR N
DATE AND TME TAKEN FROM SAMPLE BOTTLE

Thank you for using PDC Laboratories, Inc. Locations in Peoria, IL; St. Louis, MO; and Springfield, MO

SUBCONTRACT ORDER

PDC Laboratories, Inc.

3084520

3084520-1 DH

SENDING LABORATORY:

___ PDC Laboratories, Inc, 2231 W Altorfer Peoria, IL 61615

___ PDC Laboratories, Inc, 1805 W Sunset, Springfield, MO 65807

X PDC Laboratories, Inc, 3278 N Highway 67, Florissant, MO 63033

Project Manager: Roxann Shull rshull@pdclab.com Phone: 314-595-7337

Date Shipped 8/30/13

Sample Origin (State) MO

PO#

Total # of Containers 5

RECEIVING LABORATORY:

PDC Laboratories, Inc.
PO Box 9071
Peoria, IL 61612-9071
Phone :(309) 692-9688

Analysis	Due	Expires	Comments
Sample ID: 3084520-01	**Water**	**Sampled:08/30/13 12:24**	
TOC	09/05/13 16:00	09/27/13 12:24	
M8270	09/05/13 16:00	09/06/13 12:24	
Sample ID: 3084520-02	**Water**	**Sampled:08/30/13 12:34**	
M8270	09/05/13 16:00	09/06/13 12:34	
Sample ID: 3084520-03	**Water**	**Sampled:08/30/13 12:44**	
M8270	09/05/13 16:00	09/06/13 12:44	
Sample ID: 3084520-04	**Water**	**Sampled:08/30/13 12:54**	
M8270	09/05/13 16:00	09/06/13 12:54	

Turn-Around Time Requested (circle one): NORMAL RUSH Date Results Needed: 9/5/13

Relinquished By	Date/Time	Received By	Date/Time
Heather Carbart	8/30/13		
			8/31/13 820
Relinquished By	Date/Time	Received By	Date/Time

Sample Temperature Upon Receipt	9 C
Sample(s) Received on Ice	Y or N
Proper Bottles Received in Good Condition	Y or N
Bottles Filled with Adequate Volume	Y or N
Samples Received Within Hold Time	Y or N
Date/Time Taken From Sample Bottle	Y or N

Page 1 of 1

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-01**
Sample Description: **TCLP III/IV A**

Collect Date: **09/03/13 10:50**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
General Chemistry - PIA						
Total Organic Carbon (TOC)	29000 mg/L		09/12/13 13:03	lgpi	5310C	KS,IL,IA,WI, AR
General Chemistry - STL						
Solids - total solids (TS)	8.1 %		09/04/13 16:00	ACV	SM 2540G 18Ed*	
Semivolatile Organics - PIA						
N-Nitrosodimethylamine	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Pyridine	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Surrogate: 2-Fluorophenol	*90 % 14-92*		*09/11/13 17:24*	*PSB*	*SW 8270C*	
Surrogate: Phenol-d6	*54 % 11-62*		*09/11/13 17:24*	*PSB*	*SW 8270C*	
Phenol	15000 ug/L		09/13/13 13:05	psb	SW 8270C	IL,AR,IA,KS, WI
Aniline	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,KS,WI
Bis(2-chloroethyl) ether	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Chlorophenol	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
1,3-Dichlorobenzene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
1,4-Dichlorobenzene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzyl alcohol	6700 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
1,2-Dichlorobenzene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Methylphenol	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroisopropyl) ether	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodi-n-propylamine	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
3- & 4-Methylphenol	4800 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachloroethane	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Surrogate: Nitrobenzene-d5	*99 % 26-124*		*09/11/13 17:24*	*PSB*	*SW 8270C*	
Nitrobenzene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Isophorone	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-01**
Sample Description: **TCLP III/IV A**

Collect Date: **09/03/13 10:50**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
2-Nitrophenol	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dimethylphenol	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroethoxy) methane	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dichlorophenol	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
1,2,4-Trichlorobenzene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
1,2,4,5-Tetrachlorobenzene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,KS,WI
Naphthalene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chloroaniline	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
2,6-Dichlorophenol	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobutadiene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chloro-3-methylphenol	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Methylnaphthalene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorocyclopentadiene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4,6-Trichlorophenol	< 5000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4,5-Trichlorophenol	< 5000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Surrogate: 2-Fluorobiphenyl	*71 % 22-126*		*09/11/13 17:24*	*PSB*	*SW 8270C*	
2-Chloronaphthalene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Nitroaniline	< 5000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Dimethyl phthalate	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
2,6-Dinitrotoluene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Acenaphthylene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
3-Nitroaniline	< 5000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI

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Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-01**
Sample Description: **TCLP III/IV A**

Collect Date: **09/03/13 10:50**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Acenaphthene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrophenol	< 5000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Nitrophenol	< 5000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Dibenzofuran	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrotoluene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
2,3,4,6-Tetrachlorophenol	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,KS,WI
Diethyl phthalate	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Fluorene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chlorophenylphenyl ether	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Nitroaniline	< 5000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
4,6-Dinitro-2-methylphenol	< 5000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodiphenylamine	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,KS,WI
Diphenylamine	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR
1,2-Diphenylhydrazine	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,KS
Surrogate: 2,4,6-Tribromophenol	*108 % 34-152*		*09/11/13 17:24*	*PSB*	*SW 8270C*	
4-Bromophenyl phenyl ether	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobenzene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Pentachlorophenol	< 5000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Phenanthrene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Anthracene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Di-n-butyl phthalate	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Fluoranthene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzidine	< 8000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,KS,WI
Pyrene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI

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13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-01**
Sample Description: **TCLP III/IV A**

Collect Date: **09/03/13 10:50**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Surrogate: p-Terphenyl-d14	*79 % 50-143*		*09/11/13 17:24*	*PSB*	*SW 8270C*	
Butyl benzyl phthalate	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)anthracene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
3,3'-Dichlorobenzidine	< 2000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Chrysene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-ethylhexyl) phthalate	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Di-n-octyl phthalate	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(b)fluoranthene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(k)fluoranthene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)pyrene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Cresols- Total	< 2000 ug/L		09/11/13 17:24	PSB	SW 8270C*	
3-Methylcholanthrene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,KS,WI
Indeno(1,2,3-cd)pyrene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Dibenzo(a,h)anthracene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(g,h,i)perylene	< 1000 ug/L		09/11/13 17:24	PSB	SW 8270C	IL,AR,IA,KS, WI
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		09/06/13 15:00	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-01**
Sample Description: **TCLP III/IV A**

Collect Date: **09/03/13 10:50**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,2,4-Trichlorobenzene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		09/06/13 15:00	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		09/06/13 15:00	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 250 ug/L		09/06/13 15:00	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
1,2-Dichloroethane	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 250 ug/L		09/06/13 15:00	BP	SW 8260B*	
1,4-Dichlorobenzene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
1,4-Dioxane	< 1200 ug/L		09/06/13 15:00	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
2-Butanone	65000 ug/L		09/06/13 12:59	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
2-Chlorotoluene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
2-Hexanone	850 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	1300 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Acetone	100000 ug/L		09/06/13 18:38	BP	SW 8260B	04KS
Acetonitrile	< 1200 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Acrolein	< 1200 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Benzene	610 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Bromoform	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		09/06/13 15:00	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-01**
Sample Description: **TCLP III/IV A**

Collect Date: **09/03/13 10:50**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Carbon disulfide	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Chloroform	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Dibromochloromethane	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Ethyl methacrylate	< 120 ug/L		09/06/13 15:00	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Hexachlorobutadiene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Isobutanol	120000 ug/L		09/06/13 12:59	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
m,p-Xylene	< 250 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		09/06/13 15:00	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
MTBE	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Naphthalene	160 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
n-Butylbenzene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
n-Propylbenzene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
p-Isopropyl toluene	170 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Styrene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Tetrachloroethene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Toluene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS

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St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-01**
Sample Description: **TCLP III/IV A**

Collect Date: **09/03/13 10:50**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
trans-1,2-Dichloroethene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B*	
Trichloroethene	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Trichlorofluoromethane	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Vinyl chloride	< 120 ug/L		09/06/13 15:00	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		09/06/13 15:00	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*86 % 65.6-134*		*09/06/13 15:00*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*96 % 61-140*		*09/06/13 15:00*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*85 % 75.4-120*		*09/06/13 15:00*	*BP*	*SW 8260B*	
Volatile Organics - TCLP - STL						
1,1-Dichloroethene	< 200 ug/L		09/05/13 17:54	BP	SW 8260B*	
1,2-Dichloroethane	< 200 ug/L		09/05/13 17:54	BP	SW 8260B*	
1,4-Dichlorobenzene	< 200 ug/L	Q1	09/05/13 17:54	BP	SW 8260B*	
2-Butanone	2400 ug/L		09/05/13 17:54	BP	SW 8260B*	
Benzene	< 200 ug/L		09/05/13 17:54	BP	SW 8260B*	
Carbon tetrachloride	< 200 ug/L		09/05/13 17:54	BP	SW 8260B*	
Chlorobenzene	< 200 ug/L		09/05/13 17:54	BP	SW 8260B*	
Chloroform	< 200 ug/L		09/05/13 17:54	BP	SW 8260B*	
Tetrachloroethene	< 200 ug/L		09/05/13 17:54	BP	SW 8260B*	
Trichloroethene	< 200 ug/L		09/05/13 17:54	BP	SW 8260B*	
Vinyl chloride	< 200 ug/L		09/05/13 17:54	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*83 % 56.1-142*		*09/05/13 17:54*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*86 % 68.1-121*		*09/05/13 17:54*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*90 % 64.1-128*		*09/05/13 17:54*	*BP*	*SW 8260B*	

Sample No: **3090114-02**
Sample Description: **TCLP III/IV B**

Collect Date: **09/03/13 11:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method

PDC Laboratories, Inc.
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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-02**
Sample Description: **TCLP III/IV B**

Collect Date: **09/03/13 11:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
N-Nitrosodimethylamine	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Pyridine	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Surrogate: 2-Fluorophenol	*95 % 14-92*		*09/11/13 17:54*	*PSB*	*SW 8270C*	
Surrogate: Phenol-d6	*94 % 11-62*		*09/11/13 17:54*	*PSB*	*SW 8270C*	
Phenol	13000 ug/L		09/13/13 13:39	psb	SW 8270C	IL,AR,IA,KS, WI
Aniline	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,KS,WI
Bis(2-chloroethyl) ether	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Chlorophenol	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
1,3-Dichlorobenzene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
1,4-Dichlorobenzene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzyl alcohol	5500 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
1,2-Dichlorobenzene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Methylphenol	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroisopropyl) ether	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodi-n-propylamine	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
3- & 4-Methylphenol	7300 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachloroethane	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Surrogate: Nitrobenzene-d5	*99 % 26-124*		*09/11/13 17:54*	*PSB*	*SW 8270C*	
Nitrobenzene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Isophorone	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Nitrophenol	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dimethylphenol	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroethoxy) methane	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-02**
Sample Description: **TCLP III/IV B**

Collect Date: **09/03/13 11:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
2,4-Dichlorophenol	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
1,2,4-Trichlorobenzene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
1,2,4,5-Tetrachlorobenzene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,KS,WI
Naphthalene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chloroaniline	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
2,6-Dichlorophenol	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobutadiene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chloro-3-methylphenol	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Methylnaphthalene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorocyclopentadiene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4,6-Trichlorophenol	< 5000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4,5-Trichlorophenol	< 5000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Surrogate: 2-Fluorobiphenyl	*73 % 22-126*		*09/11/13 17:54*	*PSB*	*SW 8270C*	
2-Chloronaphthalene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Nitroaniline	< 5000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Dimethyl phthalate	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
2,6-Dinitrotoluene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Acenaphthylene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
3-Nitroaniline	< 5000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Acenaphthene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrophenol	< 5000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Nitrophenol	< 5000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI

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Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-02**
Sample Description: **TCLP III/IV B**

Collect Date: **09/03/13 11:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Dibenzofuran	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrotoluene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
2,3,4,6-Tetrachlorophenol	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,KS,WI
Diethyl phthalate	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Fluorene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chlorophenylphenyl ether	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Nitroaniline	< 5000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
4,6-Dinitro-2-methylphenol	< 5000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodiphenylamine	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,KS,WI
Diphenylamine	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR
1,2-Diphenylhydrazine	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,KS
Surrogate: 2,4,6-Tribromophenol	*119 % 34-152*		*09/11/13 17:54*	*PSB*	*SW 8270C*	
4-Bromophenyl phenyl ether	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobenzene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Pentachlorophenol	< 5000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Phenanthrene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Anthracene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Di-n-butyl phthalate	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Fluoranthene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzidine	< 8000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,KS,WI
Pyrene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Surrogate: p-Terphenyl-d14	*84 % 50-143*		*09/11/13 17:54*	*PSB*	*SW 8270C*	
Butyl benzyl phthalate	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)anthracene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI

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13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-02**
Sample Description: **TCLP III/IV B**

Collect Date: **09/03/13 11:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
3,3'-Dichlorobenzidine	< 2000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Chrysene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-ethylhexyl) phthalate	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Di-n-octyl phthalate	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(b)fluoranthene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(k)fluoranthene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)pyrene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Cresols- Total	< 2000 ug/L		09/11/13 17:54	PSB	SW 8270C*	
3-Methylcholanthrene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,KS,WI
Indeno(1,2,3-cd)pyrene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Dibenzo(a,h)anthracene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(g,h,i)perylene	< 1000 ug/L		09/11/13 17:54	PSB	SW 8270C	IL,AR,IA,KS, WI
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		09/06/13 15:25	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		09/06/13 15:25	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		09/06/13 15:25	BP	SW 8260B*	

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-02**
Sample Description: **TCLP III/IV B**

Collect Date: **09/03/13 11:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,2-Dichloroethene- Total	< 250 ug/L		09/06/13 15:25	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,2-Dichloroethane	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 250 ug/L		09/06/13 15:25	BP	SW 8260B*	
1,4-Dichlorobenzene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
1,4-Dioxane	< 1200 ug/L		09/06/13 15:25	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
2-Butanone	66000 ug/L		09/06/13 13:23	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
2-Chlorotoluene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
2-Hexanone	870 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	1300 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Acetone	110000 ug/L		09/06/13 19:03	BP	SW 8260B	04KS
Acetonitrile	< 1200 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Acrolein	< 1200 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Benzene	620 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Bromoform	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Carbon disulfide	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L		09/06/13 15:25	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-02**
Sample Description: **TCLP III/IV B**

Collect Date: **09/03/13 11:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Chloroform	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Dibromochloromethane	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Ethyl methacrylate	< 120 ug/L		09/06/13 15:25	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Hexachlorobutadiene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Isobutanol	120000 ug/L		09/06/13 13:23	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
m,p-Xylene	< 250 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		09/06/13 15:25	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
MTBE	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Naphthalene	150 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
n-Butylbenzene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
n-Propylbenzene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
p-Isopropyl toluene	140 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Styrene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Tetrachloroethene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Toluene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B*	
Trichloroethene	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS

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Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-02**
Sample Description: **TCLP III/IV B**

Collect Date: **09/03/13 11:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Trichlorofluoromethane	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Vinyl chloride	< 120 ug/L		09/06/13 15:25	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		09/06/13 15:25	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*80 % 65.6-134*		*09/06/13 15:25*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*98 % 61-140*		*09/06/13 15:25*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*90 % 75.4-120*		*09/06/13 15:25*	*BP*	*SW 8260B*	

Sample No: **3090114-03**
Sample Description: **TCLP III/IV C**

Collect Date: **09/03/13 11:10**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
N-Nitrosodimethylamine	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Pyridine	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Surrogate: 2-Fluorophenol	*95 % 14-92*		*09/11/13 18:23*	*PSB*	*SW 8270C*	
Surrogate: Phenol-d6	*87 % 11-62*		*09/11/13 18:23*	*PSB*	*SW 8270C*	
Phenol	10000 ug/L		09/13/13 14:13	psb	SW 8270C	IL,AR,IA,KS, WI
Aniline	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,KS,WI
Bis(2-chloroethyl) ether	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Chlorophenol	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
1,3-Dichlorobenzene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
1,4-Dichlorobenzene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzyl alcohol	6200 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
1,2-Dichlorobenzene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Methylphenol	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-03**
Sample Description: **TCLP III/IV C**

Collect Date: **09/03/13 11:10**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Bis(2-chloroisopropyl) ether	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodi-n-propylamine	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
3- & 4-Methylphenol	7700 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachloroethane	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Surrogate: Nitrobenzene-d5	*91 % 26-124*		*09/11/13 18:23*	*PSB*	*SW 8270C*	
Nitrobenzene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Isophorone	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Nitrophenol	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dimethylphenol	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroethoxy) methane	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dichlorophenol	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
1,2,4-Trichlorobenzene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
1,2,4,5-Tetrachlorobenzene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,KS,WI
Naphthalene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chloroaniline	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
2,6-Dichlorophenol	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobutadiene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chloro-3-methylphenol	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Methylnaphthalene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorocyclopentadiene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4,6-Trichlorophenol	< 5000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4,5-Trichlorophenol	< 5000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Surrogate: 2-Fluorobiphenyl	*64 % 22-126*		*09/11/13 18:23*	*PSB*	*SW 8270C*	

3090114

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Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-03**
Sample Description: **TCLP III/IV C**

Collect Date: **09/03/13 11:10**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
2-Chloronaphthalene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Nitroaniline	< 5000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Dimethyl phthalate	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
2,6-Dinitrotoluene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Acenaphthylene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
3-Nitroaniline	< 5000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Acenaphthene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrophenol	< 5000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Nitrophenol	< 5000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Dibenzofuran	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrotoluene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
2,3,4,6-Tetrachlorophenol	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,KS,WI
Diethyl phthalate	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Fluorene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chlorophenylphenyl ether	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Nitroaniline	< 5000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
4,6-Dinitro-2-methylphenol	< 5000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodiphenylamine	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,KS,WI
Diphenylamine	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR
1,2-Diphenylhydrazine	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,KS
Surrogate: 2,4,6-Tribromophenol	*106 % 34-152*		*09/11/13 18:23*	*PSB*	*SW 8270C*	
4-Bromophenyl phenyl ether	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobenzene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI

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Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-03**
Sample Description: **TCLP III/IV C**

Collect Date: **09/03/13 11:10**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Pentachlorophenol	< 5000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Phenanthrene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Anthracene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Di-n-butyl phthalate	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Fluoranthene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzidine	< 8000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,KS,WI
Pyrene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Surrogate: p-Terphenyl-d14	*70 % 50-143*		*09/11/13 18:23*	*PSB*	*SW 8270C*	
Butyl benzyl phthalate	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)anthracene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
3,3'-Dichlorobenzidine	< 2000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Chrysene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-ethylhexyl) phthalate	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Di-n-octyl phthalate	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(b)fluoranthene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(k)fluoranthene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)pyrene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Cresols- Total	< 2000 ug/L		09/11/13 18:23	PSB	SW 8270C*	
3-Methylcholanthrene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,KS,WI
Indeno(1,2,3-cd)pyrene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Dibenzo(a,h)anthracene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(g,h,i)perylene	< 1000 ug/L		09/11/13 18:23	PSB	SW 8270C	IL,AR,IA,KS, WI
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS

3090114

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Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-03**
Sample Description: **TCLP III/IV C**

Collect Date: **09/03/13 11:10**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,1,1-Trichloroethane	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		09/06/13 15:49	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		09/06/13 15:49	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		09/06/13 15:49	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 250 ug/L		09/06/13 15:49	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
1,2-Dichloroethane	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 250 ug/L		09/06/13 15:49	BP	SW 8260B*	
1,4-Dichlorobenzene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
1,4-Dioxane	< 1200 ug/L		09/06/13 15:49	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
2-Butanone	61000 ug/L		09/06/13 13:48	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
2-Chlorotoluene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
2-Hexanone	730 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	1100 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Acetone	120000 ug/L		09/06/13 13:48	BP	SW 8260B	04KS
Acetonitrile	< 1200 ug/L		09/06/13 15:49	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-03**
Sample Description: **TCLP III/IV C**

Collect Date: **09/03/13 11:10**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Acrolein	< 1200 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Benzene	530 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Bromoform	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Carbon disulfide	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Chloroform	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Dibromochloromethane	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Ethyl methacrylate	< 120 ug/L		09/06/13 15:49	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Hexachlorobutadiene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Isobutanol	110000 ug/L		09/06/13 13:48	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
m,p-Xylene	< 250 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		09/06/13 15:49	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
MTBE	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Naphthalene	170 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
n-Butylbenzene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS

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PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-03**
Sample Description: **TCLP III/IV C**

Collect Date: **09/03/13 11:10**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
n-Propylbenzene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
p-Isopropyl toluene	180 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Styrene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Tetrachloroethene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Toluene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B*	
Trichloroethene	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Trichlorofluoromethane	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Vinyl chloride	< 120 ug/L		09/06/13 15:49	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		09/06/13 15:49	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*79 % 65.6-134*		*09/06/13 15:49*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*94 % 61-140*		*09/06/13 15:49*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*84 % 75.4-120*		*09/06/13 15:49*	*BP*	*SW 8260B*	

Sample No: **3090114-04**
Sample Description: **TCLP III/IV D**

Collect Date: **09/03/13 11:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
N-Nitrosodimethylamine	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Pyridine	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Surrogate: 2-Fluorophenol	*111 % 14-92*		*09/11/13 18:52*	*PSB*	*SW 8270C*	
Surrogate: Phenol-d6	*112 % 11-62*		*09/11/13 18:52*	*PSB*	*SW 8270C*	

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St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-04**
Sample Description: **TCLP III/IV D**

Collect Date: **09/03/13 11:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Phenol	16000 ug/L		09/13/13 14:47	psb	SW 8270C	IL,AR,IA,KS, WI
Aniline	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,KS,WI
Bis(2-chloroethyl) ether	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Chlorophenol	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
1,3-Dichlorobenzene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
1,4-Dichlorobenzene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzyl alcohol	7300 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
1,2-Dichlorobenzene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Methylphenol	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroisopropyl) ether	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodi-n-propylamine	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
3- & 4-Methylphenol	5300 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachloroethane	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Surrogate: Nitrobenzene-d5	*88 % 26-124*		*09/11/13 18:52*	*PSB*	*SW 8270C*	
Nitrobenzene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Isophorone	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Nitrophenol	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dimethylphenol	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-chloroethoxy) methane	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dichlorophenol	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
1,2,4-Trichlorobenzene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
1,2,4,5-Tetrachlorobenzene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,KS,WI
Naphthalene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI

PDC Laboratories, Inc.
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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-04**
Sample Description: **TCLP III/IV D**

Collect Date: **09/03/13 11:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
4-Chloroaniline	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
2,6-Dichlorophenol	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobutadiene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chloro-3-methylphenol	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Methylnaphthalene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorocyclopentadiene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4,6-Trichlorophenol	< 5000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4,5-Trichlorophenol	< 5000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Surrogate: 2-Fluorobiphenyl	*82 % 22-126*		*09/11/13 18:52*	*PSB*	*SW 8270C*	
2-Chloronaphthalene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
2-Nitroaniline	< 5000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Dimethyl phthalate	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
2,6-Dinitrotoluene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Acenaphthylene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
3-Nitroaniline	< 5000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Acenaphthene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrophenol	< 5000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Nitrophenol	< 5000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Dibenzofuran	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
2,4-Dinitrotoluene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
2,3,4,6-Tetrachlorophenol	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,KS,WI
Diethyl phthalate	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-04**
Sample Description: **TCLP III/IV D**

Collect Date: **09/03/13 11:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Fluorene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Chlorophenylphenyl ether	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
4-Nitroaniline	< 5000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
4,6-Dinitro-2-methylphenol	< 5000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
N-Nitrosodiphenylamine	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,KS,WI
Diphenylamine	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR
1,2-Diphenylhydrazine	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,KS
Surrogate: 2,4,6-Tribromophenol	*132 % 34-152*		*09/11/13 18:52*	*PSB*	*SW 8270C*	
4-Bromophenyl phenyl ether	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Hexachlorobenzene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Pentachlorophenol	< 5000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Phenanthrene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Anthracene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Di-n-butyl phthalate	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Fluoranthene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzidine	< 8000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,KS,WI
Pyrene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Surrogate: p-Terphenyl-d14	*91 % 50-143*		*09/11/13 18:52*	*PSB*	*SW 8270C*	
Butyl benzyl phthalate	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)anthracene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
3,3'-Dichlorobenzidine	< 2000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Chrysene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Bis(2-ethylhexyl) phthalate	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Di-n-octyl phthalate	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-04**
Sample Description: **TCLP III/IV D**

Collect Date: **09/03/13 11:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - PIA						
Benzo(b)fluoranthene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(k)fluoranthene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(a)pyrene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Cresols- Total	< 2000 ug/L		09/11/13 18:52	PSB	SW 8270C*	
3-Methylcholanthrene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,KS,WI
Indeno(1,2,3-cd)pyrene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Dibenzo(a,h)anthracene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Benzo(g,h,i)perylene	< 1000 ug/L		09/11/13 18:52	PSB	SW 8270C	IL,AR,IA,KS, WI
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		09/06/13 16:13	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		09/06/13 16:13	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		09/06/13 16:13	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 250 ug/L		09/06/13 16:13	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
1,2-Dichloroethane	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-04**
Sample Description: **TCLP III/IV D**

Collect Date: **09/03/13 11:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,3-Dichloropropene - Total	< 250 ug/L		09/06/13 16:13	BP	SW 8260B*	
1,4-Dichlorobenzene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
1,4-Dioxane	< 1200 ug/L		09/06/13 16:13	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
2-Butanone	60000 ug/L		09/06/13 14:12	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
2-Chlorotoluene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
2-Hexanone	750 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	1200 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Acetone	100000 ug/L		09/06/13 19:27	BP	SW 8260B	04KS
Acetonitrile	< 1200 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Acrolein	< 1200 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Benzene	550 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Bromoform	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Carbon disulfide	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Chloroform	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Dibromochloromethane	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		09/06/13 16:13	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-04**
Sample Description: **TCLP III/IV D**

Collect Date: **09/03/13 11:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Ethyl methacrylate	< 120 ug/L		09/06/13 16:13	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Hexachlorobutadiene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Isobutanol	110000 ug/L		09/06/13 14:12	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
m,p-Xylene	< 250 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		09/06/13 16:13	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
MTBE	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Naphthalene	160 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
n-Butylbenzene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
n-Propylbenzene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
p-Isopropyl toluene	200 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Styrene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Tetrachloroethene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Toluene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B*	
Trichloroethene	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Trichlorofluoromethane	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Vinyl chloride	< 120 ug/L		09/06/13 16:13	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		09/06/13 16:13	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*81 % 65.6-134*		*09/06/13 16:13*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*93 % 61-140*		*09/06/13 16:13*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*86 % 75.4-120*		*09/06/13 16:13*	*BP*	*SW 8260B*	

3090114

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-05**
Sample Description: **TRIP BLANK**

Collect Date: **09/03/13 11:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 10 ug/L		09/06/13 14:36	BP	SW 8260B*	
1,1,2-Trichloroethane	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,1-Dichloroethane	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,1-Dichloroethene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,1-Dichloropropene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B*	
1,2-Dibromoethane	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 10 ug/L		09/06/13 14:36	BP	SW 8260B*	
1,2-Dichlorobenzene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,2-Dichloroethane	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,2-Dichloropropane	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,3-Dichloropropane	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 10 ug/L		09/06/13 14:36	BP	SW 8260B*	
1,4-Dichlorobenzene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
1,4-Dioxane	< 50 ug/L		09/06/13 14:36	BP	SW 8260B*	
2,2-Dichloropropane	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
2-Butanone	< 10 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
2-Chlorotoluene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
2-Hexanone	< 10 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
2-Nitropropane	< 10 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
4-Chlorotoluene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	< 10 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Acetone	< 10 ug/L		09/06/13 14:36	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-05**
Sample Description: **TRIP BLANK**

Collect Date: **09/03/13 11:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Acetonitrile	< 50 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Acrolein	< 50 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Acrylonitrile	< 10 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Allyl Chloride	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Benzene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Bromobenzene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Bromochloromethane	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Bromodichloromethane	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Bromoform	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Bromomethane	< 10 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Carbon disulfide	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Carbon tetrachloride	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Chlorobenzene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Chloroethane	< 10 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Chloroform	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Chloromethane	< 10 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Dibromochloromethane	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Dibromomethane	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 10 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Ethyl methacrylate	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B*	
Ethylbenzene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Hexachlorobutadiene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Iodomethane	< 10 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Isobutanol	< 50 ug/L		09/06/13 14:36	BP	SW 8260B*	
Isopropylbenzene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
m,p-Xylene	< 10 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Methacrylonitrile	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B*	
Methyl methacrylate	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Methylene chloride	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
MTBE	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Naphthalene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS

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Bridgeton Landfill
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St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Sample No: **3090114-05**
Sample Description: **TRIP BLANK**

Collect Date: **09/03/13 11:15**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
n-Butylbenzene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
n-Propylbenzene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
o-Xylene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
p-Isopropyl toluene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Propionitrile	< 10 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
sec-Butylbenzene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Styrene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
tert-Butylbenzene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Tetrachloroethene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Toluene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B*	
Trichloroethene	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Trichlorofluoromethane	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Vinyl acetate	< 10 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Vinyl chloride	< 5.0 ug/L		09/06/13 14:36	BP	SW 8260B	04KS
Xylenes- Total	< 15 ug/L		09/06/13 14:36	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*86 % 65.6-134*		*09/06/13 14:36*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*85 % 61-140*		*09/06/13 14:36*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*86 % 75.4-120*		*09/06/13 14:36*	*BP*	*SW 8260B*	

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Revised Laboratory Results

General Chemistry - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315092 - No Prep								
Duplicate (B315092-DUP1)	**Source: 3090114-01**		Prepared & Analyzed: 09/04/13					
Solids - total solids (TS)	8.07	%		8.06			0.2	20

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315194 - 04-No Prep VOA								
Blank (B315194-BLK1)			Prepared & Analyzed: 09/06/13					
1,1,1,2-Tetrachloroethane	< 5.0	ug/L						
1,1,1-Trichloroethane	< 5.0	ug/L						
1,1,2,2-Tetrachloroethane	< 5.0	ug/L						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 5.0	ug/L						
1,1,2-Trichloroethane	< 5.0	ug/L						
1,1-Dichloroethane	< 5.0	ug/L						
1,1-Dichloroethene	< 5.0	ug/L						
1,1-Dichloropropene	< 5.0	ug/L						
1,2,3-Trichlorobenzene	< 5.0	ug/L						
1,2,3-Trichloropropane	< 5.0	ug/L						
1,2,4-Trichlorobenzene	< 5.0	ug/L						
1,2,4-Trimethylbenzene	< 5.0	ug/L						
1,2-Dibromo-3-chloropropane	< 5.0	ug/L						
1,2-Dibromoethane	< 5.0	ug/L						
1,2-Dichloroethene- Total	< 10	ug/L						
1,2-Dichlorobenzene	< 5.0	ug/L						
1,2-Dichloroethane	< 5.0	ug/L						
1,2-Dichloropropane	< 5.0	ug/L						
1,3,5-Trimethylbenzene	< 5.0	ug/L						
1,3-Dichlorobenzene	< 5.0	ug/L						
1,3-Dichloropropane	< 5.0	ug/L						
1,3-Dichloropropene - Total	< 10	ug/L						
1,4-Dichlorobenzene	< 5.0	ug/L						
1,4-Dioxane	< 25	ug/L						
2,2-Dichloropropane	< 5.0	ug/L						
2-Butanone	< 10	ug/L						
2-Chloroethylvinyl ether	< 5.0	ug/L						
2-Chlorotoluene	< 5.0	ug/L						
2-Hexanone	< 10	ug/L						

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Revised Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315194 - 04-No Prep VOA								
Blank (B315194-BLK1)			Prepared & Analyzed: 09/06/13					
2-Nitropropane	< 10	ug/L						
4-Chlorotoluene	< 5.0	ug/L						
4-Methyl-2-pentanone (MIBK)	< 10	ug/L						
Acetone	< 10	ug/L						
Acetonitrile	< 25	ug/L						
Acrolein	< 25	ug/L						
Acrylonitrile	< 10	ug/L						
Allyl Chloride	< 5.0	ug/L						
Benzene	< 5.0	ug/L						
Bromobenzene	< 5.0	ug/L						
Bromochloromethane	< 5.0	ug/L						
Bromodichloromethane	< 5.0	ug/L						
Bromoform	< 5.0	ug/L						
Bromomethane	< 10	ug/L						
Carbon disulfide	< 5.0	ug/L						
Carbon tetrachloride	< 5.0	ug/L						
Chlorobenzene	< 5.0	ug/L						
Chloroethane	< 10	ug/L						
Chloroform	< 5.0	ug/L						
Chloromethane	< 10	ug/L						
cis-1,2-Dichloroethene	< 5.0	ug/L						
cis-1,3-Dichloropropene	< 5.0	ug/L						
Dibromochloromethane	< 5.0	ug/L						
Dibromomethane	< 5.0	ug/L						
Dichlorodifluoromethane	< 10	ug/L						
Ethyl methacrylate	< 5.0	ug/L						
Ethylbenzene	< 5.0	ug/L						
Hexachlorobutadiene	< 5.0	ug/L						
Iodomethane	< 10	ug/L						
Isobutanol	< 25	ug/L						
Isopropylbenzene	< 5.0	ug/L						
m,p-Xylene	< 10	ug/L						
Methacrylonitrile	< 5.0	ug/L						
Methyl methacrylate	< 5.0	ug/L						
Methylene chloride	< 5.0	ug/L						
MTBE	< 5.0	ug/L						
Naphthalene	< 5.0	ug/L						
n-Butylbenzene	< 5.0	ug/L						
n-Propylbenzene	< 5.0	ug/L						

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Revised Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315194 - 04-No Prep VOA								
Blank (B315194-BLK1)			Prepared & Analyzed: 09/06/13					
o-Xylene	< 5.0	ug/L						
p-Isopropyl toluene	< 5.0	ug/L						
Propionitrile	< 10	ug/L						
sec-Butylbenzene	< 5.0	ug/L						
Styrene	< 5.0	ug/L						
tert-Butylbenzene	< 5.0	ug/L						
Tetrachloroethene	< 5.0	ug/L						
Toluene	< 5.0	ug/L						
trans-1,2-Dichloroethene	< 5.0	ug/L						
trans-1,3-Dichloropropene	< 5.0	ug/L						
trans-1,4-Dichloro-2-butene	< 5.0	ug/L						
Trichloroethene	< 5.0	ug/L						
Trichlorofluoromethane	< 5.0	ug/L						
Vinyl acetate	< 10	ug/L						
Vinyl chloride	< 5.0	ug/L						
Xylenes- Total	< 15	ug/L						
Surrogate: 1,2-Dichloroethane-d4	*26.6*	*ug/L*	*30.00*		*89*	*65.6-134*		
Surrogate: Bromofluorobenzene	*26.2*	*ug/L*	*30.00*		*87*	*61-140*		
Surrogate: Toluene-d8	*25.7*	*ug/L*	*30.00*		*86*	*75.4-120*		
LCS (B315194-BS1)			Prepared & Analyzed: 09/06/13					
1,1,1-Trichloroethane	18	ug/L	20.00		92	75-125		
1,1,2,2-Tetrachloroethane	17	ug/L	20.00		83	73-129		
1,1,2-Trichloroethane	17	ug/L	20.00		86	73-129		
1,1-Dichloroethane	18	ug/L	20.00		88	75-140		
1,1-Dichloroethene	18	ug/L	20.00		92	71-136		
1,2-Dichlorobenzene	17	ug/L	20.00		86	70-122		
1,2-Dichloroethane	19	ug/L	20.00		96	77-126		
1,2-Dichloropropane	18	ug/L	20.00		91	80-126		
1,3-Dichlorobenzene	21	ug/L	20.00		105	77-125		
1,4-Dichlorobenzene	18	ug/L	20.00		89	74-119		
2-Chloroethylvinyl ether	18	ug/L	20.00		90	59-127		
Acrolein	126	ug/L	200.0		63	36-139		
Acrylonitrile	15	ug/L	20.00		74	43-133		
Benzene	18	ug/L	20.00		90	75-123		
Bromodichloromethane	19	ug/L	20.00		94	72-126		
Bromoform	17	ug/L	20.00		87	50-121		
Bromomethane	21	ug/L	20.00		107	19-149		
Carbon tetrachloride	17	ug/L	20.00		85	75-123		
Chlorobenzene	19	ug/L	20.00		95	76-121		

3090114

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Revised Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315194 - 04-No Prep VOA								
LCS (B315194-BS1)			Prepared & Analyzed: 09/06/13					
Chloroethane	23	ug/L	20.00		113	24-151		
Chloroform	19	ug/L	20.00		94	73-136		
Chloromethane	21	ug/L	20.00		103	44-126		
cis-1,3-Dichloropropene	18	ug/L	20.00		90	79-121		
Dibromochloromethane	18	ug/L	20.00		92	73-122		
Ethylbenzene	19	ug/L	20.00		96	76-129		
m,p-Xylene	39	ug/L	40.00		97	71-123		
Methylene chloride	17	ug/L	20.00		85	76-143		
o-Xylene	19	ug/L	20.00		95	72-123		
Tetrachloroethene	19	ug/L	20.00		95	53-147		
Toluene	20	ug/L	20.00		98	75-128		
trans-1,2-Dichloroethene	18	ug/L	20.00		90	72-136		
trans-1,3-Dichloropropene	19	ug/L	20.00		94	72-120		
Trichloroethene	17	ug/L	20.00		85	74-131		
Trichlorofluoromethane	22	ug/L	20.00		109	68-134		
Vinyl chloride	22	ug/L	20.00		108	48-129		
Surrogate: 1,2-Dichloroethane-d4	*27.2*	*ug/L*	*30.00*		*91*	*60.5-136*		
Surrogate: Bromofluorobenzene	*26.5*	*ug/L*	*30.00*		*88*	*71.3-122*		
Surrogate: Toluene-d8	*25.5*	*ug/L*	*30.00*		*85*	*71.9-118*		
Matrix Spike (B315194-MS1)	**Source: 3090399-02**		Prepared & Analyzed: 09/06/13					
1,1,1-Trichloroethane	14	ug/L	20.00	ND	68	27-153		
1,1,2,2-Tetrachloroethane	19	ug/L	20.00	ND	95	32-186		
1,1,2-Trichloroethane	18	ug/L	20.00	ND	91	38-171		
1,1-Dichloroethane	17	ug/L	20.00	ND	87	39-162		
1,1-Dichloroethene	12	ug/L	20.00	ND	60	25-172		
1,2-Dichlorobenzene	17	ug/L	20.00	ND	87	57-129		
1,2-Dichloroethane	19	ug/L	20.00	ND	97	60-135		
1,2-Dichloropropane	19	ug/L	20.00	ND	94	55-140		
1,3-Dichlorobenzene	20	ug/L	20.00	ND	99	53-133		
1,4-Dichlorobenzene	17	ug/L	20.00	ND	85	61-125		
Acrolein	62	ug/L	200.0	ND	31	25-187		
Acrylonitrile	17	ug/L	20.00	ND	87	39-135		
Benzene	17	ug/L	20.00	ND	85	39-150		
Bromodichloromethane	19	ug/L	20.00	ND	97	58-135		
Bromoform	19	ug/L	20.00	ND	93	34-123		
Bromomethane	19	ug/L	20.00	ND	96	25-148		
Carbon tetrachloride	12	ug/L	20.00	ND	62	25-157		
Chlorobenzene	18	ug/L	20.00	ND	88	59-131		
Chloroethane	17	ug/L	20.00	ND	86	25-154		

3090114

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Revised Laboratory Results

Volatile Organics - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315194 - 04-No Prep VOA									
Matrix Spike (B315194-MS1)		**Source: 3090399-02**		Prepared & Analyzed: 09/06/13					
Chloroform		18	ug/L	20.00	ND	92	48-153		
Chloromethane	Q3	76	ug/L	20.00	ND	382	25-150		
cis-1,3-Dichloropropene		19	ug/L	20.00	ND	94	60-131		
Dibromochloromethane		18	ug/L	20.00	ND	89	57-130		
Ethylbenzene		17	ug/L	20.00	ND	85	42-146		
m,p-Xylene		34	ug/L	40.00	ND	85	37-143		
Methylene chloride		21	ug/L	20.00	ND	105	52-162		
o-Xylene		18	ug/L	20.00	ND	91	46-139		
Tetrachloroethene		15	ug/L	20.00	ND	74	25-134		
Toluene		18	ug/L	20.00	ND	91	25-167		
trans-1,2-Dichloroethene		17	ug/L	20.00	ND	83	29-156		
trans-1,3-Dichloropropene		19	ug/L	20.00	ND	95	57-123		
Trichloroethene		15	ug/L	20.00	ND	74	38-149		
Trichlorofluoromethane		12	ug/L	20.00	ND	60	25-176		
Vinyl chloride		15	ug/L	20.00	ND	74	25-156		
Surrogate: 1,2-Dichloroethane-d4		*25.7*	*ug/L*	*30.00*		*86*	*58.5-136*		
Surrogate: Bromofluorobenzene		*27.1*	*ug/L*	*30.00*		*90*	*56.9-139*		
Surrogate: Toluene-d8		*26.6*	*ug/L*	*30.00*		*89*	*72.4-120*		
Matrix Spike Dup (B315194-MSD1)		**Source: 3090399-02**		Prepared & Analyzed: 09/06/13					
1,1,1-Trichloroethane		9	ug/L	20.00	ND	47	27-153	36	40
1,1,2,2-Tetrachloroethane		15	ug/L	20.00	ND	74	32-186	25	40
1,1,2-Trichloroethane		14	ug/L	20.00	ND	70	38-171	27	40
1,1-Dichloroethane		12	ug/L	20.00	ND	61	39-162	34	40
1,1-Dichloroethene		8	ug/L	20.00	ND	42	25-172	35	40
1,2-Dichlorobenzene		14	ug/L	20.00	ND	68	57-129	25	40
1,2-Dichloroethane		15	ug/L	20.00	ND	73	60-135	28	40
1,2-Dichloropropane		13	ug/L	20.00	ND	67	55-140	34	40
1,3-Dichlorobenzene		15	ug/L	20.00	ND	75	53-133	28	40
1,4-Dichlorobenzene		13	ug/L	20.00	ND	63	61-125	30	40
Acrolein		51	ug/L	200.0	ND	26	25-187	19	40
Acrylonitrile		14	ug/L	20.00	ND	70	39-135	21	40
Benzene		12	ug/L	20.00	ND	62	39-150	32	40
Bromodichloromethane		14	ug/L	20.00	ND	72	58-135	29	40
Bromoform		15	ug/L	20.00	ND	73	34-123	24	40
Bromomethane		15	ug/L	20.00	ND	77	25-148	22	40
Carbon tetrachloride		9	ug/L	20.00	ND	44	25-157	33	40
Chlorobenzene		13	ug/L	20.00	ND	64	59-131	32	40
Chloroethane		12	ug/L	20.00	ND	58	25-154	39	40
Chloroform		14	ug/L	20.00	ND	69	48-153	29	40

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Bridgeton Landfill
13570 St Charles Rock Road
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Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Volatile Organics - Quality Control

Analyte		Result		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315194 - 04-No Prep VOA										
Matrix Spike Dup (B315194-MSD1)		**Source: 3090399-02**			Prepared & Analyzed: 09/06/13					
Chloromethane	Q3	75		ug/L	20.00	ND	377	25-150	1	40
cis-1,3-Dichloropropene		13		ug/L	20.00	ND	67	60-131	33	40
Dibromochloromethane		14		ug/L	20.00	ND	71	57-130	23	40
Ethylbenzene		12		ug/L	20.00	ND	62	42-146	31	40
m,p-Xylene		25		ug/L	40.00	ND	63	37-143	30	40
Methylene chloride		16		ug/L	20.00	ND	78	52-162	29	40
o-Xylene		13		ug/L	20.00	ND	64	46-139	34	40
Tetrachloroethene		11		ug/L	20.00	ND	55	25-134	29	40
Toluene		14		ug/L	20.00	ND	70	25-167	26	40
trans-1,2-Dichloroethene		12		ug/L	20.00	ND	60	29-156	32	40
trans-1,3-Dichloropropene		15		ug/L	20.00	ND	73	57-123	27	40
Trichloroethene		10		ug/L	20.00	ND	51	38-149	37	40
Trichlorofluoromethane		9		ug/L	20.00	ND	43	25-176	32	40
Vinyl chloride		10		ug/L	20.00	ND	50	25-156	40	40
Surrogate: 1,2-Dichloroethane-d4			*21.6*	*ug/L*	*30.00*		*72*	*58.5-136*		
Surrogate: Bromofluorobenzene			*23.1*	*ug/L*	*30.00*		*77*	*56.9-139*		
Surrogate: Toluene-d8			*22.8*	*ug/L*	*30.00*		*76*	*72.4-120*		

Volatile Organics - TCLP - Quality Control

Analyte	Result		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315096 - 04-No Prep VOA									
Blank (B315096-BLK1)				Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene	< 5.0		ug/L						
1,2-Dichloroethane	< 5.0		ug/L						
1,4-Dichlorobenzene	< 5.0		ug/L						
2-Butanone	< 10		ug/L						
Benzene	< 5.0		ug/L						
Carbon tetrachloride	< 5.0		ug/L						
Chlorobenzene	< 5.0		ug/L						
Chloroform	< 5.0		ug/L						
Tetrachloroethene	< 5.0		ug/L						
Trichloroethene	< 5.0		ug/L						
Vinyl chloride	< 5.0		ug/L						
Surrogate: 1,2-Dichloroethane-d4		*23.8*	*ug/L*	*30.00*		*79*	*56.1-142*		
Surrogate: Toluene-d8		*26.0*	*ug/L*	*30.00*		*87*	*68.1-121*		
Surrogate: Bromofluorobenzene		*26.8*	*ug/L*	*30.00*		*89*	*64.1-128*		

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Revised Laboratory Results

Volatile Organics - TCLP - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315096 - 04-No Prep VOA								
LCS (B315096-BS1)			Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene	19	ug/L	20.00		95	83-127		
1,2-Dichloroethane	19	ug/L	20.00		97	82-120		
1,4-Dichlorobenzene	17	ug/L	20.00		86	72-122		
2-Butanone	19	ug/L	20.00		95	49-139		
Benzene	18	ug/L	20.00		89	76-121		
Carbon tetrachloride	18	ug/L	20.00		89	86-120		
Chlorobenzene	19	ug/L	20.00		94	78-116		
Chloroform	18	ug/L	20.00		89	80-125		
Tetrachloroethene	20	ug/L	20.00		99	55-134		
Trichloroethene	17	ug/L	20.00		87	78-128		
Vinyl chloride	20	ug/L	20.00		101	50-141		
Surrogate: 1,2-Dichloroethane-d4	*25.5*	*ug/L*	*30.00*		*85*	*64.1-142*		
Surrogate: Toluene-d8	*25.0*	*ug/L*	*30.00*		*83*	*73.2-121*		
Surrogate: Bromofluorobenzene	*26.4*	*ug/L*	*30.00*		*88*	*70.8-124*		
Matrix Spike (B315096-MS1)	**Source: 3084458-01**		Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene	250	ug/L	800.0	ND	31	25-155		
1,2-Dichloroethane	659	ug/L	800.0	ND	82	72-122		
1,4-Dichlorobenzene	534	ug/L	800.0	ND	67	59-119		
2-Butanone	3620	ug/L	800.0	2460	146	25-232		
Benzene	456	ug/L	800.0	ND	57	33-127		
Carbon tetrachloride	226	ug/L	800.0	ND	28	25-148		
Chlorobenzene	499	ug/L	800.0	ND	62	53-119		
Chloroform	485	ug/L	800.0	ND	61	50-129		
Tetrachloroethene	342	ug/L	800.0	ND	43	25-142		
Trichloroethene	375	ug/L	800.0	ND	47	25-157		
Vinyl chloride	303	ug/L	800.0	ND	38	25-147		
Surrogate: 1,2-Dichloroethane-d4	*25.4*	*ug/L*	*30.00*		*85*	*55.8-141*		
Surrogate: Toluene-d8	*25.8*	*ug/L*	*30.00*		*86*	*68.5-119*		
Surrogate: Bromofluorobenzene	*27.6*	*ug/L*	*30.00*		*92*	*62.3-130*		
Matrix Spike (B315096-MS2)	**Source: 3084520-01**		Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene	302	ug/L	800.0	ND	38	25-155		
1,2-Dichloroethane	738	ug/L	800.0	ND	92	72-122		
1,4-Dichlorobenzene	625	ug/L	800.0	ND	78	59-119		
2-Butanone	2470	ug/L	800.0	1220	157	25-232		
Benzene	570	ug/L	800.0	ND	71	33-127		
Carbon tetrachloride	257	ug/L	800.0	ND	32	25-148		
Chlorobenzene	633	ug/L	800.0	ND	79	53-119		
Chloroform	614	ug/L	800.0	ND	77	50-129		
Tetrachloroethene	445	ug/L	800.0	ND	56	25-142		

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Revised Laboratory Results

Volatile Organics - TCLP - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315096 - 04-No Prep VOA									
Matrix Spike (B315096-MS2)		**Source: 3084520-01**		Prepared & Analyzed: 09/05/13					
Trichloroethene		461	ug/L	800.0	ND	58	25-157		
Vinyl chloride		364	ug/L	800.0	ND	45	25-147		
Surrogate: 1,2-Dichloroethane-d4		*26.5*	*ug/L*	*30.00*		*88*	*55.8-141*		
Surrogate: Toluene-d8		*25.0*	*ug/L*	*30.00*		*83*	*68.5-119*		
Surrogate: Bromofluorobenzene		*27.5*	*ug/L*	*30.00*		*92*	*62.3-130*		
Matrix Spike (B315096-MS3)		**Source: 3084528-01**		Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene	Q1	42	ug/L	200.0	ND	21	25-155		
1,2-Dichloroethane		163	ug/L	200.0	ND	81	72-122		
1,4-Dichlorobenzene		124	ug/L	200.0	ND	62	59-119		
2-Butanone		259	ug/L	200.0	58	100	25-232		
Benzene		98	ug/L	200.0	ND	49	33-127		
Carbon tetrachloride	Q1	36	ug/L	200.0	ND	18	25-148		
Chlorobenzene		121	ug/L	200.0	ND	60	53-119		
Chloroform		118	ug/L	200.0	ND	59	50-129		
Tetrachloroethene		65	ug/L	200.0	ND	33	25-142		
Trichloroethene		77	ug/L	200.0	ND	39	25-157		
Vinyl chloride		50	ug/L	200.0	ND	25	25-147		
Surrogate: 1,2-Dichloroethane-d4		*23.9*	*ug/L*	*30.00*		*80*	*55.8-141*		
Surrogate: Toluene-d8		*25.1*	*ug/L*	*30.00*		*84*	*68.5-119*		
Surrogate: Bromofluorobenzene		*26.9*	*ug/L*	*30.00*		*90*	*62.3-130*		
Matrix Spike (B315096-MS4)		**Source: 3090049-01**		Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene		68	ug/L	200.0	ND	34	25-155		
1,2-Dichloroethane		181	ug/L	200.0	ND	90	72-122		
1,4-Dichlorobenzene		155	ug/L	200.0	ND	77	59-119		
2-Butanone		210	ug/L	200.0	ND	105	25-232		
Benzene		139	ug/L	200.0	ND	70	33-127		
Carbon tetrachloride		56	ug/L	200.0	ND	28	25-148		
Chlorobenzene		157	ug/L	200.0	ND	78	53-119		
Chloroform		150	ug/L	200.0	ND	75	50-129		
Tetrachloroethene		102	ug/L	200.0	ND	51	25-142		
Trichloroethene		127	ug/L	200.0	ND	64	25-157		
Vinyl chloride		86	ug/L	200.0	ND	43	25-147		
Surrogate: 1,2-Dichloroethane-d4		*25.6*	*ug/L*	*30.00*		*85*	*55.8-141*		
Surrogate: Toluene-d8		*25.2*	*ug/L*	*30.00*		*84*	*68.5-119*		
Surrogate: Bromofluorobenzene		*26.9*	*ug/L*	*30.00*		*90*	*62.3-130*		
Matrix Spike (B315096-MS5)		**Source: 3090114-01**		Prepared & Analyzed: 09/05/13					
1,1-Dichloroethene		316	ug/L	800.0	ND	40	25-155		
1,2-Dichloroethane		789	ug/L	800.0	ND	99	72-122		

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Revised Laboratory Results

Volatile Organics - TCLP - Quality Control

Analyte		Result		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315096 - 04-No Prep VOA										
Matrix Spike (B315096-MS5)		**Source: 3090114-01**			Prepared & Analyzed: 09/05/13					
1,4-Dichlorobenzene	Q1	467		ug/L	800.0	ND	58	59-119		
2-Butanone		3800		ug/L	800.0	2400	175	25-232		
Benzene		654		ug/L	800.0	ND	82	33-127		
Carbon tetrachloride		268		ug/L	800.0	ND	33	25-148		
Chlorobenzene		583		ug/L	800.0	ND	73	53-119		
Chloroform		631		ug/L	800.0	ND	79	50-129		
Tetrachloroethene		403		ug/L	800.0	ND	50	25-142		
Trichloroethene		569		ug/L	800.0	ND	71	25-157		
Vinyl chloride		386		ug/L	800.0	ND	48	25-147		
Surrogate: 1,2-Dichloroethane-d4			*26.8*	*ug/L*	*30.00*		*89*	*55.8-141*		
Surrogate: Toluene-d8			*25.6*	*ug/L*	*30.00*		*85*	*68.5-119*		
Surrogate: Bromofluorobenzene			*26.3*	*ug/L*	*30.00*		*88*	*62.3-130*		

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315156 - EPA 625/8270								
Blank (B315156-BLK1)			Prepared: 09/06/13 Analyzed: 09/10/13					
N-Nitrosodimethylamine	< 10	ug/L						
Pyridine	< 10	ug/L						
Phenol	< 10	ug/L						
Aniline	< 10	ug/L						
Bis(2-chloroethyl) ether	< 10	ug/L						
2-Chlorophenol	< 10	ug/L						
1,3-Dichlorobenzene	< 10	ug/L						
1,4-Dichlorobenzene-d4	0	ug/L				0-200		
1,4-Dichlorobenzene	< 10	ug/L						
Benzyl alcohol	< 10	ug/L						
1,2-Dichlorobenzene	< 10	ug/L						
2-Methylphenol	< 10	ug/L						
Bis(2-chloroisopropyl) ether	< 10	ug/L						
N-Nitrosodi-n-propylamine	< 10	ug/L						
3- & 4-Methylphenol	< 10	ug/L						
Hexachloroethane	< 10	ug/L						
Nitrobenzene	< 10	ug/L						
Isophorone	< 10	ug/L						
2-Nitrophenol	< 10	ug/L						

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Revised Laboratory Results

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315156 - EPA 625/8270								
Blank (B315156-BLK1)			Prepared: 09/06/13 Analyzed: 09/10/13					
2,4-Dimethylphenol	< 10	ug/L						
Bis(2-chloroethoxy) methane	< 10	ug/L						
2,4-Dichlorophenol	< 10	ug/L						
1,2,4-Trichlorobenzene	< 10	ug/L						
1,2,4,5-Tetrachlorobenzene	< 10	ug/L						
Naphthalene-d8	40	ug/L				0-200		
Naphthalene	< 10	ug/L						
4-Chloroaniline	< 10	ug/L						
2,6-Dichlorophenol	< 10	ug/L						
Hexachlorobutadiene	< 10	ug/L						
4-Chloro-3-methylphenol	< 10	ug/L						
2-Methylnaphthalene	< 10	ug/L						
Hexachlorocyclopentadiene	< 10	ug/L						
2,4,6-Trichlorophenol	< 50	ug/L						
2,4,5-Trichlorophenol	< 50	ug/L						
2-Chloronaphthalene	< 10	ug/L						
2-Nitroaniline	< 50	ug/L						
Dimethyl phthalate	< 10	ug/L						
2,6-Dinitrotoluene	< 10	ug/L						
Acenaphthylene	< 10	ug/L						
3-Nitroaniline	< 50	ug/L						
Acenaphthene-d10	40	ug/L				0-200		
Acenaphthene	< 10	ug/L						
2,4-Dinitrophenol	< 50	ug/L						
4-Nitrophenol	< 50	ug/L						
Dibenzofuran	< 10	ug/L						
2,4-Dinitrotoluene	< 10	ug/L						
2,3,4,6-Tetrachlorophenol	< 10	ug/L						
Diethyl phthalate	< 10	ug/L						
Fluorene	< 10	ug/L						
4-Chlorophenylphenyl ether	< 10	ug/L						
4-Nitroaniline	< 50	ug/L						
4,6-Dinitro-2-methylphenol	< 50	ug/L						
N-Nitrosodiphenylamine	< 10	ug/L						
Diphenylamine	< 10	ug/L						
1,2-Diphenylhydrazine	< 10	ug/L						
4-Bromophenyl phenyl ether	< 10	ug/L						
Hexachlorobenzene	< 10	ug/L						
Pentachlorophenol	< 50	ug/L						

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Revised Laboratory Results

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315156 - EPA 625/8270								
Blank (B315156-BLK1)			Prepared: 09/06/13 Analyzed: 09/10/13					
Phenanthrene-d10	40	ug/L				0-200		
Phenanthrene	< 10	ug/L						
Anthracene	< 10	ug/L						
Di-n-butyl phthalate	< 10	ug/L						
Fluoranthene	< 10	ug/L						
Benzidine	< 80	ug/L						
Pyrene	< 10	ug/L						
Butyl benzyl phthalate	< 10	ug/L						
Benzo(a)anthracene	< 10	ug/L						
3,3'-Dichlorobenzidine	< 20	ug/L						
Chrysene-d12	40	ug/L				0-200		
Chrysene	< 10	ug/L						
Bis(2-ethylhexyl) phthalate	< 10	ug/L						
Di-n-octyl phthalate	< 10	ug/L						
Benzo(b)fluoranthene	< 10	ug/L						
Benzo(k)fluoranthene	< 10	ug/L						
Benzo(a)pyrene	< 10	ug/L						
Cresols- Total	< 20	ug/L						
Perylene-d12	40	ug/L				0-200		
3-Methylcholanthrene	< 10	ug/L						
Indeno(1,2,3-cd)pyrene	< 10	ug/L						
Dibenzo(a,h)anthracene	< 10	ug/L						
Benzo(g,h,i)perylene	< 10	ug/L						
Surrogate: 2-Fluorophenol	*20*	*ug/L*	*75.00*		*27*	*14-92*		
Surrogate: Phenol-d6	*15*	*ug/L*	*75.00*		*20*	*11-62*		
Surrogate: Nitrobenzene-d5	*25*	*ug/L*	*50.00*		*51*	*26-124*		
Surrogate: 2-Fluorobiphenyl	*27*	*ug/L*	*50.00*		*54*	*22-126*		
Surrogate: 2,4,6-Tribromophenol	*29*	*ug/L*	*75.00*		*38*	*34-152*		
Surrogate: p-Terphenyl-d14	*30*	*ug/L*	*50.00*		*60*	*50-143*		
Blank (B315156-BLK2)			Prepared: 09/06/13 Analyzed: 09/10/13					
N-Nitrosodimethylamine	< 100	ug/L						
Pyridine	< 100	ug/L						
Phenol	< 100	ug/L						
Aniline	< 100	ug/L						
Bis(2-chloroethyl) ether	< 100	ug/L						
2-Chlorophenol	< 100	ug/L						
1,3-Dichlorobenzene	< 100	ug/L						
1,4-Dichlorobenzene-d4	0	ug/L				0-200		
1,4-Dichlorobenzene	< 100	ug/L						

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Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315156 - EPA 625/8270								
Blank (B315156-BLK2)			Prepared: 09/06/13 Analyzed: 09/10/13					
Benzyl alcohol	< 100	ug/L						
1,2-Dichlorobenzene	< 100	ug/L						
2-Methylphenol	< 100	ug/L						
Bis(2-chloroisopropyl) ether	< 100	ug/L						
N-Nitrosodi-n-propylamine	< 100	ug/L						
3- & 4-Methylphenol	< 100	ug/L						
Hexachloroethane	< 100	ug/L						
Nitrobenzene	< 100	ug/L						
Isophorone	< 100	ug/L						
2-Nitrophenol	< 100	ug/L						
2,4-Dimethylphenol	< 100	ug/L						
Bis(2-chloroethoxy) methane	< 100	ug/L						
2,4-Dichlorophenol	< 100	ug/L						
1,2,4-Trichlorobenzene	< 100	ug/L						
1,2,4,5-Tetrachlorobenzene	< 100	ug/L						
Naphthalene-d8	400	ug/L				0-200		
Naphthalene	< 100	ug/L						
4-Chloroaniline	< 100	ug/L						
2,6-Dichlorophenol	< 100	ug/L						
Hexachlorobutadiene	< 100	ug/L						
4-Chloro-3-methylphenol	< 100	ug/L						
2-Methylnaphthalene	< 100	ug/L						
Hexachlorocyclopentadiene	< 100	ug/L						
2,4,6-Trichlorophenol	< 500	ug/L						
2,4,5-Trichlorophenol	< 500	ug/L						
2-Chloronaphthalene	< 100	ug/L						
2-Nitroaniline	< 500	ug/L						
Dimethyl phthalate	< 100	ug/L						
2,6-Dinitrotoluene	< 100	ug/L						
Acenaphthylene	< 100	ug/L						
3-Nitroaniline	< 500	ug/L						
Acenaphthene-d10	400	ug/L				0-200		
Acenaphthene	< 100	ug/L						
2,4-Dinitrophenol	< 500	ug/L						
4-Nitrophenol	< 500	ug/L						
Dibenzofuran	< 100	ug/L						
2,4-Dinitrotoluene	< 100	ug/L						
2,3,4,6-Tetrachlorophenol	< 100	ug/L						
Diethyl phthalate	< 100	ug/L						

PDC Laboratories, Inc.
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(314) 432-0550 • (800) 333-FAST • FAX (314) 432-4977

Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315156 - EPA 625/8270								
Blank (B315156-BLK2)			Prepared: 09/06/13 Analyzed: 09/10/13					
Fluorene	< 100	ug/L						
4-Chlorophenylphenyl ether	< 100	ug/L						
4-Nitroaniline	< 500	ug/L						
4,6-Dinitro-2-methylphenol	< 500	ug/L						
N-Nitrosodiphenylamine	< 100	ug/L						
Diphenylamine	< 100	ug/L						
1,2-Diphenylhydrazine	< 100	ug/L						
4-Bromophenyl phenyl ether	< 100	ug/L						
Hexachlorobenzene	< 100	ug/L						
Pentachlorophenol	< 500	ug/L						
Phenanthrene-d10	400	ug/L				0-200		
Phenanthrene	< 100	ug/L						
Anthracene	< 100	ug/L						
Di-n-butyl phthalate	< 100	ug/L						
Fluoranthene	< 100	ug/L						
Benzidine	< 800	ug/L						
Pyrene	< 100	ug/L						
Butyl benzyl phthalate	< 100	ug/L						
Benzo(a)anthracene	< 100	ug/L						
3,3'-Dichlorobenzidine	< 200	ug/L						
Chrysene-d12	400	ug/L				0-200		
Chrysene	< 100	ug/L						
Bis(2-ethylhexyl) phthalate	< 100	ug/L						
Di-n-octyl phthalate	< 100	ug/L						
Benzo(b)fluoranthene	< 100	ug/L						
Benzo(k)fluoranthene	< 100	ug/L						
Cresols- Total	< 200	ug/L						
Benzo(a)pyrene	< 100	ug/L						
Perylene-d12	400	ug/L				0-200		
3-Methylcholanthrene	< 100	ug/L						
Indeno(1,2,3-cd)pyrene	< 100	ug/L						
Dibenzo(a,h)anthracene	< 100	ug/L						
Benzo(g,h,i)perylene	< 100	ug/L						
Surrogate: 2-Fluorophenol	*380*	*ug/L*	*750.0*		*50*	*14-92*		
Surrogate: Phenol-d6	*250*	*ug/L*	*750.0*		*34*	*11-62*		
Surrogate: Nitrobenzene-d5	*360*	*ug/L*	*500.0*		*72*	*26-124*		
Surrogate: 2-Fluorobiphenyl	*380*	*ug/L*	*500.0*		*77*	*22-126*		
Surrogate: 2,4,6-Tribromophenol	*590*	*ug/L*	*750.0*		*79*	*34-152*		
Surrogate: p-Terphenyl-d14	*650*	*ug/L*	*500.0*		*130*	*50-143*		

3090114

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St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315156 - EPA 625/8270								
LCS (B315156-BS1)			Prepared: 09/06/13 Analyzed: 09/12/13					
N-Nitrosodimethylamine	25	ug/L	50.00		50	20-83		
Pyridine	14	ug/L	50.00		27	5-65		
Phenol	30	ug/L	100.0		30	10-63		
Aniline	34	ug/L	50.00		68	10-106		
Bis(2-chloroethyl) ether	38	ug/L	50.00		76	23-122		
2-Chlorophenol	78	ug/L	100.0		78	24-112		
1,3-Dichlorobenzene	30	ug/L	50.00		59	21-98		
1,4-Dichlorobenzene-d4	40	ug/L				0-200		
1,4-Dichlorobenzene	32	ug/L	50.00		63	20-103		
Benzyl alcohol	36	ug/L	50.00		72	8-127		
1,2-Dichlorobenzene	31	ug/L	50.00		62	22-103		
2-Methylphenol	66	ug/L	100.0		66	21-98		
Bis(2-chloroisopropyl) ether	40	ug/L	50.00		80	19-133		
N-Nitrosodi-n-propylamine	17	ug/L	50.00		35	26-126		
3- & 4-Methylphenol	65	ug/L	100.0		65	16-98		
Hexachloroethane	30	ug/L	50.00		60	16-100		
Nitrobenzene	42	ug/L	50.00		83	22-120		
Isophorone	48	ug/L	50.00		97	35-123		
2-Nitrophenol	89	ug/L	100.0		89	25-120		
2,4-Dimethylphenol	79	ug/L	100.0		79	25-109		
Bis(2-chloroethoxy) methane	47	ug/L	50.00		95	22-127		
2,4-Dichlorophenol	92	ug/L	100.0		92	22-122		
1,2,4-Trichlorobenzene	36	ug/L	50.00		71	20-111		
Naphthalene-d8	40	ug/L				0-200		
Naphthalene	37	ug/L	50.00		75	24-114		
4-Chloroaniline	40	ug/L	50.00		79	18-132		
Hexachlorobutadiene	32	ug/L	50.00		64	16-109		
4-Chloro-3-methylphenol	85	ug/L	100.0		85	31-118		
2-Methylnaphthalene	42	ug/L	50.00		84	13-130		
Hexachlorocyclopentadiene	40	ug/L	50.00		80	10-99		
2,4,6-Trichlorophenol	84	ug/L	100.0		84	22-132		
2,4,5-Trichlorophenol	79	ug/L	100.0		79	18-130		
2-Chloronaphthalene	28	ug/L	50.00		56	23-119		
2-Nitroaniline	46	ug/L	50.00		93	26-145		
Dimethyl phthalate	43	ug/L	50.00		87	37-139		
2,6-Dinitrotoluene	42	ug/L	50.00		83	36-136		
Acenaphthylene	37	ug/L	50.00		74	30-111		
3-Nitroaniline	41	ug/L	50.00		82	27-137		
Acenaphthene-d10	40	ug/L				0-200		
Acenaphthene	38	ug/L	50.00		76	25-132		

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Bridgeton Landfill
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St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315156 - EPA 625/8270								
LCS (B315156-BS1)			Prepared: 09/06/13 Analyzed: 09/12/13					
2,4-Dinitrophenol	73	ug/L	100.0		73	23-128		
4-Nitrophenol	39	ug/L	100.0		39	23-58		
Dibenzofuran	43	ug/L	50.00		86	25-139		
2,4-Dinitrotoluene	41	ug/L	50.00		81	36-138		
Diethyl phthalate	44	ug/L	50.00		87	38-148		
Fluorene	41	ug/L	50.00		82	32-138		
4-Chlorophenylphenyl ether	42	ug/L	50.00		83	28-140		
4-Nitroaniline	44	ug/L	50.00		88	24-148		
4,6-Dinitro-2-methylphenol	82	ug/L	100.0		82	37-122		
N-Nitrosodiphenylamine	38	ug/L	50.00		76	44-119		
4-Bromophenyl phenyl ether	39	ug/L	50.00		77	31-137		
Hexachlorobenzene	36	ug/L	50.00		73	35-133		
Pentachlorophenol	76	ug/L	100.0		76	35-134		
Phenanthrene-d10	40	ug/L				0-200		
Anthracene	45	ug/L	50.00		90	44-130		
Di-n-butyl phthalate	43	ug/L	50.00		87	46-132		
Fluoranthene	41	ug/L	50.00		82	42-131		
Pyrene	39	ug/L	50.00		78	46-119		
Butyl benzyl phthalate	44	ug/L	50.00		87	42-122		
Benzo(a)anthracene	42	ug/L	50.00		84	43-104		
Chrysene-d12	40	ug/L				0-200		
Chrysene	40	ug/L	50.00		80	45-119		
Bis(2-ethylhexyl) phthalate	42	ug/L	50.00		85	45-121		
Di-n-octyl phthalate	46	ug/L	50.00		91	46-131		
Benzo(b)fluoranthene	22	ug/L	50.00		43	20-133		
Benzo(k)fluoranthene	31	ug/L	50.00		62	6-176		
Benzo(a)pyrene	25	ug/L	50.00		49	26-142		
Perylene-d12	40	ug/L				0-200		
Indeno(1,2,3-cd)pyrene	26	ug/L	50.00		53	25-143		
Dibenzo(a,h)anthracene	23	ug/L	50.00		46	25-144		
Benzo(g,h,i)perylene	23	ug/L	50.00		47	24-142		
Surrogate: 2-Fluorophenol	*41*	*ug/L*	*75.00*		*55*	*14-92*		
Surrogate: Phenol-d6	*24*	*ug/L*	*75.00*		*32*	*11-62*		
Surrogate: Nitrobenzene-d5	*41*	*ug/L*	*50.00*		*82*	*26-124*		
Surrogate: 2-Fluorobiphenyl	*40*	*ug/L*	*50.00*		*79*	*22-126*		
Surrogate: 2,4,6-Tribromophenol	*62*	*ug/L*	*75.00*		*83*	*34-152*		
Surrogate: p-Terphenyl-d14	*36*	*ug/L*	*50.00*		*73*	*50-143*		

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Sean Torrey

Date Received: 09/03/13 13:56
Report Date: 09/25/13
Customer #: 277310
PO#: 3496416

Revised Laboratory Results

Notes

This report shall not be reproduced, except in full, without the written approval of the laboratory.

PDC Laboratories participates in the following accreditation/certification and proficiency programs at the following locations. Endorsement by Federal or State Governments or their agencies is not implied.

PIA PDC Laboratories - Peoria, IL
NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications: Kansas (E-10338); Missouri (870); Wisconsin (998284430); Indiana (C-IL-040); Iowa (240)
Wastewater Certifications: Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
Hazardous/Solid Waste Certifications; Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
UST Certification; Iowa (240)
SPM PDC Laboratories - Springfield, MO
EPA DMR-QA Program
STL PDC Laboratories - St. Louis, MO
NELAC Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing
Drinking Water Certifications: Kansas (E-10389)

Q3 MS/MSD both failed %R
Q1 MS Failed %R

Certified by: Roxann Shull, Client Services Supervisor

PDC Laboratories, Inc. – St. Louis
3278 N. Highway 67 (Lindbergh)
Florissant, MO 63033
www.pdclab.com

CHAIN OF CUSTODY RECORD

Phone (314) 432-0550 or (314) 921-4488
Fax (314) 432-4977

State where samples collected MO

(Instructions/Sample Acceptance Policy on Reverse)

ALL SHADED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1			
CLIENT: BARR ENGINEERING	PROJECT NUMBER	P. O. NUMBER	MEANS SHIPPED
ADDRESS: 1001 DIAMOND RIDGE, SUITE 1100	PHONE NUMBER	FAX NUMBER	EMAIL ADDRESS: egalbraith@barr.com
CITY STATE ZIP: JEFF CITY, MO 65109	SAMPLER: Hunter King		MATRIX TYPES: WW-WASTEWATER, DW-DRINKING WATER, GW-GROUND WATER, WWSL-SLUDGE, NAS-SOLID, L'CHT-LEACHATE, NAL-NONAQUEOUS, SOIL-SOILS
CONTACT PERSON: ED GALBRAITH 573-418-5562	SAMPLER'S SIGNATURE: Hunter King		

3 ANALYSIS REQUESTED

4 (FOR LAB USE ONLY)
LOGIN # 3090114
LOGGED BY: RS
LAB PROJ. #
TEMPLATE:
PROJ. MGR.: RS

2 SAMPLE DESCRIPTION AS YOU WANT ON REPORT	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	Bottle Count	TOTAL SVOCs	TOTAL VOCs	TCLP VOCs	TOC	% SOLIDS			REMARKS
TCLP III/IV A	9/3/13	10:50	✓		LCHT	8	1 ~~2~~	2	2	1	1			
TCLP III/IV B	9/3/13	11:00	✓		LCHT	4	1 ~~2~~	2						
TCLP III/IV C	9/3/13	11:10	✓		LCHT	4	1 ~~2~~	2						
TCLP III/IV D	9/3/13	11:15	✓		LCHT	4	1 ~~2~~	2						
TRIP BLANK	—	—	—		DI	2		2						

5 TURNAROUND TIME (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)
NORMAL (8-10 Bus. Days) (RUSH (5 Bus. Days)) *Fastrak*™ (3 Bus. Days) 1-2 Bus. Days Same Day
DATE DUE _____
RESULTS BY: (E-MAIL) FAX PHONE CALL PHONE/FAX# IF DIFFERENT FROM ABOVE

6 The sample temperature will be measured upon receipt at the lab. By initialing this area, you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area, you allow the lab to proceed with analytical testing regardless of the sample temperature. _____

7 RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
Hunter King	9/3/13	1356	[signature]	9/3/13	1356
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME

8 COMMENTS:(FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT	4.9 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT	Y OR N
SAMPLES(S) RECEIVED ON ICE	Y OR N
PROPER BOTTLES RECEIVED IN GOOD CONDITION	Y OR N
BOTTLES FILLED WITH ADEQUATE VOLUME	Y OR N
SAMPLES RECEIVED WITHIN HOLD TIME(S) (EXCLUDES TYPICAL FIELD PARAMETERS)	Y OR N
DATE AND TME TAKEN FROM SAMPLE BOTTLE	

Thank you for using PDC Laboratories, Inc. Locations in Peoria, IL; St. Louis, MO; and Springfield, MO

SUBCONTRACT ORDER

PDC Laboratories, Inc.

3090114

SENDING LABORATORY:

___ PDC Laboratories, Inc, 2231 W Altorfer Peoria, IL 61615

___ PDC Laboratories, Inc, 1805 W Sunset, Springfield, MO 65807

X PDC Laboratories, Inc, 3278 N Highway 67, Florissant, MO 63033

Project Manager: Roxann Shull rshull@pdclab.com Phone: 314-595-7337

Date Shipped 9/04/13

RECEIVING LABORATORY:

PDC Laboratories, Inc.
PO Box 9071
Peoria, IL 61612-9071
Phone :(309) 692-9688

Sample Origin (State) _____

PO# _____

Total # of Containers 5

Analysis	Due	Expires	Comments
Sample ID: 3090114-01	**Water**	**Sampled:09/03/13 10:50**	
TOC *	09/10/13 16:00	10/01/13 10:50	
M8270	09/10/13 16:00	09/10/13 10:50	
Sample ID: 3090114-02	**Water**	**Sampled:09/03/13 11:00**	
M8270	09/10/13 16:00	09/10/13 11:00	
Sample ID: 3090114-03	**Water**	**Sampled:09/03/13 11:10**	
M8270	09/10/13 16:00	09/10/13 11:10	
Sample ID: 3090114-04	**Water**	**Sampled:09/03/13 11:15**	
M8270	09/10/13 16:00	09/10/13 11:15	

* TOC is labeled as C, V, G 40ml, should be H2SO4 vial

Turn-Around Time Requested (circle one): NORMAL RUSH Date Results Needed: _____

Relinquished By	Date/Time	Received By	Date/Time
R Shull	9/3/13 16:15		

Sample Temperature Upon Receipt	___ C
Sample(s) Received on Ice	Y or N
Proper Bottles Received in Good Condition	Y or N
Bottles Filled with Adequate Volume	Y or N
Samples Received Within Hold Time	Y or N
Date/Time Taken From Sample Bottle	Y or N

Page 1 of 1

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-01**
Sample Description: **TCLP IV/IV A**

Collect Date: **09/06/13 10:41**
Matrix: **Waste Water**

Parameters	Result		Qual	Analysis Date	Analyst	Method	
General Chemistry - PIA							
Total Organic Carbon (TOC)	29000	mg/L		09/17/13 15:47	lgpi	5310C	KS,IL,IA,WI, AR
Semivolatile Organics - STL							
1,2,4-Trichlorobenzene	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
1,2-Dichlorobenzene	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
1,3-Dichlorobenzene	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
1,4-Dichlorobenzene	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
2,4,5-Trichlorophenol	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
2,4,6-Trichlorophenol	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
2,4-Dichlorophenol	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
2,4-Dimethylphenol	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
2,4-Dinitrophenol	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
2,4-Dinitrotoluene	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
2,6-Dimethylaniline	< 1000	ug/L		09/24/13 04:40	jk	SW 8270C*	
2,6-Dinitrotoluene	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
2-Chloronaphthalene	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
2-Chlorophenol	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
2-Methylnaphthalene	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
2-Methylphenol	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
2-Nitroaniline	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
2-Nitrophenol	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
3- & 4-Methylphenol	4030	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
3,3'-Dichlorobenzidine	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
3-Nitroaniline	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
4,6-Dinitro-2-methylphenol	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
4-Bromophenyl phenyl ether	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
4-Chloro-3-methylphenol	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
4-Chloroaniline	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
4-Chlorophenylphenyl ether	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
4-Nitroaniline	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
4-Nitrophenol	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Acenaphthene	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Acenaphthylene	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Aniline	< 2000	ug/L		09/24/13 04:40	jk	SW 8270C	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-01**
Sample Description: **TCLP IV/IV A**

Collect Date: **09/06/13 10:41**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - STL						
Anthracene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Azobenzene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C*	
Benzidine	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C*	
Benzo(a)anthracene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Benzo(a)pyrene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Benzo(b&k)fluoranthene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Benzo(b)fluoranthene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Benzo(g,h,i)perylene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Benzo(k)fluoranthene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Benzoic Acid	13100 ug/L		09/24/13 04:40	jk	SW 8270C*	
Benzyl alcohol	4790 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Bis(2-chloroethoxy) methane	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Bis(2-chloroethyl) ether	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Bis(2-chloroisopropyl) ether	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C*	
Bis(2-ethylhexyl) phthalate	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Butyl benzyl phthalate	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Carbazole	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C*	
Chrysene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Dibenzo(a,h)anthracene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Dibenzofuran	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Diethyl phthalate	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Dimethyl phthalate	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Di-n-butyl phthalate	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Di-n-octyl phthalate	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Diphenylamine	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Fluoranthene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Fluorene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Hexachlorobenzene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Hexachlorobutadiene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Hexachlorocyclopentadiene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Hexachloroethane	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Indeno(1,2,3-cd)pyrene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Isophorone	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-01**
Sample Description: **TCLP IV/IV A**

Collect Date: **09/06/13 10:41**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - STL						
Naphthalene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Nitrobenzene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
N-Nitrosodimethylamine	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
N-Nitrosodi-n-propylamine	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Pentachlorophenol	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Phenanthrene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Phenol	8650 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Pyrene	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Pyridine	< 2000 ug/L		09/24/13 04:40	jk	SW 8270C	04KS
Surrogate: 2-Fluorophenol	% *10-101*	*S*	*09/24/13 04:40*	*jk*	*SW 8270C*	
Surrogate: Phenol- d5	% *10-154*	*S*	*09/24/13 04:40*	*jk*	*SW 8270C*	
Surrogate: Nitrobenzene-d5	% *10-119*	*S*	*09/24/13 04:40*	*jk*	*SW 8270C*	
Surrogate: 2-Fluorobiphenyl	*40* % *10-98*	*S*	*09/24/13 04:40*	*jk*	*SW 8270C*	
Surrogate: 2,4,6-Tribromophenol	% *10-69*	*S*	*09/24/13 04:40*	*jk*	*SW 8270C*	
Surrogate: p-Terphenyl-d14	% *11-97*	*S*	*09/24/13 04:40*	*jk*	*SW 8270C*	
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		09/13/13 18:53	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		09/13/13 18:53	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		09/13/13 18:53	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 250 ug/L		09/13/13 18:53	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-01**
Sample Description: **TCLP IV/IV A**

Collect Date: **09/06/13 10:41**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,2-Dichloroethane	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 250 ug/L		09/13/13 18:53	BP	SW 8260B*	
1,4-Dichlorobenzene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
1,4-Dioxane	< 1200 ug/L		09/13/13 18:53	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
2-Butanone	61000 ug/L		09/13/13 16:51	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
2-Chlorotoluene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
2-Hexanone	730 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	1100 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Acetone	110000 ug/L		09/13/13 16:51	BP	SW 8260B	04KS
Acetonitrile	< 1200 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Acrolein	< 1200 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Benzene	530 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Bromoform	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Carbon disulfide	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Chloroform	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L		09/13/13 18:53	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-01**
Sample Description: **TCLP IV/IV A**

Collect Date: **09/06/13 10:41**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
cis-1,2-Dichloroethene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Dibromochloromethane	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Ethyl methacrylate	< 120 ug/L		09/13/13 18:53	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Hexachlorobutadiene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Isobutanol	52000 ug/L		09/13/13 16:51	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
m,p-Xylene	< 250 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		09/13/13 18:53	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
MTBE	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Naphthalene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
n-Butylbenzene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
n-Propylbenzene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
p-Isopropyl toluene	150 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Styrene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Tetrachloroethene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Toluene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B*	
Trichloroethene	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Trichlorofluoromethane	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		09/13/13 18:53	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-01**
Sample Description: **TCLP IV/IV A**

Collect Date: **09/06/13 10:41**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Vinyl chloride	< 120 ug/L		09/13/13 18:53	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		09/13/13 18:53	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*105 % 65.6-134*		*09/13/13 18:53*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*116 % 61-140*		*09/13/13 18:53*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*102 % 75.4-120*		*09/13/13 18:53*	*BP*	*SW 8260B*	
Volatile Organics - TCLP - STL						
1,1-Dichloroethene	< 200 ug/L	Q1	09/12/13 22:52	BP	SW 8260B*	
1,2-Dichloroethane	< 200 ug/L		09/12/13 22:52	BP	SW 8260B*	
1,4-Dichlorobenzene	< 200 ug/L		09/12/13 22:52	BP	SW 8260B*	
2-Butanone	2700 ug/L		09/12/13 22:52	BP	SW 8260B*	
Benzene	< 200 ug/L		09/12/13 22:52	BP	SW 8260B*	
Carbon tetrachloride	< 200 ug/L	Q1	09/12/13 22:52	BP	SW 8260B*	
Chlorobenzene	< 200 ug/L		09/12/13 22:52	BP	SW 8260B*	
Chloroform	< 200 ug/L		09/12/13 22:52	BP	SW 8260B*	
Tetrachloroethene	< 200 ug/L		09/12/13 22:52	BP	SW 8260B*	
Trichloroethene	< 200 ug/L		09/12/13 22:52	BP	SW 8260B*	
Vinyl chloride	< 200 ug/L	Q1	09/12/13 22:52	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*108 % 56.1-142*		*09/12/13 22:52*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*120 % 68.1-121*		*09/12/13 22:52*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*103 % 64.1-128*		*09/12/13 22:52*	*BP*	*SW 8260B*	

Sample No: **3091053-02**
Sample Description: **TCLP IV/IV B**

Collect Date: **09/06/13 10:57**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - STL						
1,2,4-Trichlorobenzene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
1,2-Dichlorobenzene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
1,3-Dichlorobenzene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
1,4-Dichlorobenzene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
2,4,5-Trichlorophenol	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-02**
Sample Description: **TCLP IV/IV B**

Collect Date: **09/06/13 10:57**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - STL						
2,4,6-Trichlorophenol	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
2,4-Dichlorophenol	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
2,4-Dimethylphenol	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
2,4-Dinitrophenol	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
2,4-Dinitrotoluene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
2,6-Dimethylaniline	< 1000 ug/L		09/21/13 01:35	jk	SW 8270C*	
2,6-Dinitrotoluene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
2-Chloronaphthalene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
2-Chlorophenol	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
2-Methylnaphthalene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
2-Methylphenol	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
2-Nitroaniline	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
2-Nitrophenol	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
3- & 4-Methylphenol	3850 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
3,3'-Dichlorobenzidine	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
3-Nitroaniline	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
4,6-Dinitro-2-methylphenol	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
4-Bromophenyl phenyl ether	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
4-Chloro-3-methylphenol	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
4-Chloroaniline	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
4-Chlorophenylphenyl ether	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
4-Nitroaniline	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
4-Nitrophenol	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Acenaphthene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Acenaphthylene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Aniline	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Anthracene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Azobenzene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C*	
Benzidine	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C*	
Benzo(a)anthracene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Benzo(a)pyrene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Benzo(b&k)fluoranthene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Benzo(b)fluoranthene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-02**
Sample Description: **TCLP IV/IV B**

Collect Date: **09/06/13 10:57**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - STL						
Benzo(g,h,i)perylene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Benzo(k)fluoranthene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Benzoic Acid	13700 ug/L		09/21/13 01:35	jk	SW 8270C*	
Benzyl alcohol	6520 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Bis(2-chloroethoxy) methane	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Bis(2-chloroethyl) ether	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Bis(2-chloroisopropyl) ether	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C*	
Bis(2-ethylhexyl) phthalate	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Butyl benzyl phthalate	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Carbazole	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C*	
Chrysene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Dibenzo(a,h)anthracene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Dibenzofuran	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Diethyl phthalate	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Dimethyl phthalate	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Di-n-butyl phthalate	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Di-n-octyl phthalate	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Diphenylamine	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Fluoranthene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Fluorene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Hexachlorobenzene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Hexachlorobutadiene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Hexachlorocyclopentadiene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Hexachloroethane	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Indeno(1,2,3-cd)pyrene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Isophorone	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Naphthalene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Nitrobenzene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
N-Nitrosodimethylamine	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
N-Nitrosodi-n-propylamine	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Pentachlorophenol	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Phenanthrene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Phenol	9210 ug/L		09/21/13 01:35	jk	SW 8270C	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-02**
Sample Description: **TCLP IV/IV B**

Collect Date: **09/06/13 10:57**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - STL						
Pyrene	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Pyridine	< 2000 ug/L		09/21/13 01:35	jk	SW 8270C	04KS
Surrogate: 2-Fluorophenol	*% 10-101*	*S*	*09/21/13 01:35*	*jk*	*SW 8270C*	
Surrogate: Phenol- d5	*% 10-154*	*S*	*09/21/13 01:35*	*jk*	*SW 8270C*	
Surrogate: Nitrobenzene-d5	*% 10-119*	*S*	*09/21/13 01:35*	*jk*	*SW 8270C*	
Surrogate: 2-Fluorobiphenyl	*% 10-98*	*S*	*09/21/13 01:35*	*jk*	*SW 8270C*	
Surrogate: 2,4,6-Tribromophenol	*% 10-69*	*S*	*09/21/13 01:35*	*jk*	*SW 8270C*	
Surrogate: p-Terphenyl-d14	*% 11-97*	*S*	*09/21/13 01:35*	*jk*	*SW 8270C*	
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		09/13/13 19:17	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		09/13/13 19:17	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		09/13/13 19:17	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 250 ug/L		09/13/13 19:17	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
1,2-Dichloroethane	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 250 ug/L		09/13/13 19:17	BP	SW 8260B*	
1,4-Dichlorobenzene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-02**
Sample Description: **TCLP IV/IV B**

Collect Date: **09/06/13 10:57**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,4-Dioxane	< 1200 ug/L		09/13/13 19:17	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
2-Butanone	56000 ug/L		09/13/13 17:16	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
2-Chlorotoluene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
2-Hexanone	740 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	1100 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Acetone	110000 ug/L		09/13/13 17:16	BP	SW 8260B	04KS
Acetonitrile	< 1200 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Acrolein	< 1200 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Benzene	510 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Bromoform	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Carbon disulfide	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Chloroform	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Dibromochloromethane	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Ethyl methacrylate	< 120 ug/L		09/13/13 19:17	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-02**
Sample Description: **TCLP IV/IV B**

Collect Date: **09/06/13 10:57**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Hexachlorobutadiene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Isobutanol	52000 ug/L		09/13/13 17:16	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
m,p-Xylene	< 250 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		09/13/13 19:17	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
MTBE	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Naphthalene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
n-Butylbenzene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
n-Propylbenzene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
p-Isopropyl toluene	140 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Styrene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Tetrachloroethene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Toluene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B*	
Trichloroethene	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Trichlorofluoromethane	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Vinyl chloride	< 120 ug/L		09/13/13 19:17	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		09/13/13 19:17	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*114 % 65.6-134*		*09/13/13 19:17*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*126 % 61-140*		*09/13/13 19:17*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*107 % 75.4-120*		*09/13/13 19:17*	*BP*	*SW 8260B*	

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-03**
Sample Description: **TCLP IV/IV C**

Collect Date: **09/06/13 11:09**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - STL						
1,2,4-Trichlorobenzene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
1,2-Dichlorobenzene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
1,3-Dichlorobenzene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
1,4-Dichlorobenzene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
2,4,5-Trichlorophenol	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
2,4,6-Trichlorophenol	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
2,4-Dichlorophenol	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
2,4-Dimethylphenol	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
2,4-Dinitrophenol	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
2,4-Dinitrotoluene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
2,6-Dimethylaniline	< 1000 ug/L		09/21/13 02:19	jk	SW 8270C*	
2,6-Dinitrotoluene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
2-Chloronaphthalene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
2-Chlorophenol	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
2-Methylnaphthalene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
2-Methylphenol	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
2-Nitroaniline	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
2-Nitrophenol	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
3- & 4-Methylphenol	7390 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
3,3'-Dichlorobenzidine	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
3-Nitroaniline	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
4,6-Dinitro-2-methylphenol	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
4-Bromophenyl phenyl ether	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
4-Chloro-3-methylphenol	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
4-Chloroaniline	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
4-Chlorophenylphenyl ether	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
4-Nitroaniline	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
4-Nitrophenol	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Acenaphthene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Acenaphthylene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Aniline	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Anthracene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Azobenzene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C*	

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-03**
Sample Description: **TCLP IV/IV C**

Collect Date: **09/06/13 11:09**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - STL						
Benzidine	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C*	
Benzo(a)anthracene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Benzo(a)pyrene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Benzo(b&k)fluoranthene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Benzo(b)fluoranthene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Benzo(g,h,i)perylene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Benzo(k)fluoranthene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Benzoic Acid	11000 ug/L		09/21/13 02:19	jk	SW 8270C*	
Benzyl alcohol	6710 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Bis(2-chloroethoxy) methane	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Bis(2-chloroethyl) ether	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Bis(2-chloroisopropyl) ether	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C*	
Bis(2-ethylhexyl) phthalate	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Butyl benzyl phthalate	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Carbazole	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C*	
Chrysene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Dibenzo(a,h)anthracene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Dibenzofuran	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Diethyl phthalate	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Dimethyl phthalate	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Di-n-butyl phthalate	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Di-n-octyl phthalate	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Diphenylamine	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Fluoranthene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Fluorene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Hexachlorobenzene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Hexachlorobutadiene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Hexachlorocyclopentadiene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Hexachloroethane	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Indeno(1,2,3-cd)pyrene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Isophorone	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Naphthalene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Nitrobenzene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-03**
Sample Description: **TCLP IV/IV C**

Collect Date: **09/06/13 11:09**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - STL						
N-Nitrosodimethylamine	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
N-Nitrosodi-n-propylamine	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Pentachlorophenol	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Phenanthrene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Phenol	18600 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Pyrene	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Pyridine	< 2000 ug/L		09/21/13 02:19	jk	SW 8270C	04KS
Surrogate: 2-Fluorophenol	*% 10-101*	*S*	*09/21/13 02:19*	*jk*	*SW 8270C*	
Surrogate: Phenol- d5	*% 10-154*	*S*	*09/21/13 02:19*	*jk*	*SW 8270C*	
Surrogate: Nitrobenzene-d5	*% 10-119*	*S*	*09/21/13 02:19*	*jk*	*SW 8270C*	
Surrogate: 2-Fluorobiphenyl	*% 10-98*	*S*	*09/21/13 02:19*	*jk*	*SW 8270C*	
Surrogate: 2,4,6-Tribromophenol	*% 10-69*	*S*	*09/21/13 02:19*	*jk*	*SW 8270C*	
Surrogate: p-Terphenyl-d14	*% 11-97*	*S*	*09/21/13 02:19*	*jk*	*SW 8270C*	
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		09/13/13 19:41	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		09/13/13 19:41	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		09/13/13 19:41	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 250 ug/L		09/13/13 19:41	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
1,2-Dichloroethane	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-03**
Sample Description: **TCLP IV/IV C**

Collect Date: **09/06/13 11:09**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,3,5-Trimethylbenzene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 250 ug/L		09/13/13 19:41	BP	SW 8260B*	
1,4-Dichlorobenzene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
1,4-Dioxane	< 1200 ug/L		09/13/13 19:41	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
2-Butanone	61000 ug/L		09/13/13 17:40	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
2-Chlorotoluene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
2-Hexanone	800 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	1200 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Acetone	120000 ug/L		09/13/13 17:40	BP	SW 8260B	04KS
Acetonitrile	1400 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Acrolein	< 1200 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Benzene	580 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Bromoform	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Carbon disulfide	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Chloroform	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-03**
Sample Description: **TCLP IV/IV C**

Collect Date: **09/06/13 11:09**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Dibromochloromethane	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Ethyl methacrylate	< 120 ug/L		09/13/13 19:41	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Hexachlorobutadiene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Isobutanol	57000 ug/L		09/13/13 17:40	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
m,p-Xylene	< 250 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		09/13/13 19:41	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
MTBE	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Naphthalene	130 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
n-Butylbenzene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
n-Propylbenzene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
p-Isopropyl toluene	180 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Styrene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Tetrachloroethene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Toluene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B*	
Trichloroethene	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Trichlorofluoromethane	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Vinyl chloride	< 120 ug/L		09/13/13 19:41	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		09/13/13 19:41	BP	SW 8260B*	

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13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-03**
Sample Description: **TCLP IV/IV C**

Collect Date: **09/06/13 11:09**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method
Volatile Organics - STL					
Surrogate: 1,2-Dichloroethane-d4	*112 % 65.6-134*		*09/13/13 19:41*	*BP*	*SW 8260B*
Surrogate: Bromofluorobenzene	*124 % 61-140*		*09/13/13 19:41*	*BP*	*SW 8260B*
Surrogate: Toluene-d8	*108 % 75.4-120*		*09/13/13 19:41*	*BP*	*SW 8260B*

Sample No: **3091053-04**
Sample Description: **TCLP IV/IV D**

Collect Date: **09/06/13 11:23**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - STL						
1,2,4-Trichlorobenzene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
1,2-Dichlorobenzene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
1,3-Dichlorobenzene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
1,4-Dichlorobenzene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
2,4,5-Trichlorophenol	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
2,4,6-Trichlorophenol	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
2,4-Dichlorophenol	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
2,4-Dimethylphenol	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
2,4-Dinitrophenol	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
2,4-Dinitrotoluene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
2,6-Dimethylaniline	< 1000 ug/L		09/21/13 03:03	jk	SW 8270C*	
2,6-Dinitrotoluene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
2-Chloronaphthalene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
2-Chlorophenol	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
2-Methylnaphthalene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
2-Methylphenol	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
2-Nitroaniline	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
2-Nitrophenol	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
3- & 4-Methylphenol	4300 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
3,3'-Dichlorobenzidine	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
3-Nitroaniline	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
4,6-Dinitro-2-methylphenol	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
4-Bromophenyl phenyl ether	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS

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13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-04**
Sample Description: **TCLP IV/IV D**

Collect Date: **09/06/13 11:23**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - STL						
4-Chloro-3-methylphenol	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
4-Chloroaniline	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
4-Chlorophenylphenyl ether	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
4-Nitroaniline	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
4-Nitrophenol	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Acenaphthene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Acenaphthylene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Aniline	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Anthracene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Azobenzene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C*	
Benzidine	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C*	
Benzo(a)anthracene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Benzo(a)pyrene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Benzo(b&k)fluoranthene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Benzo(b)fluoranthene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Benzo(g,h,i)perylene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Benzo(k)fluoranthene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Benzoic Acid	10700 ug/L		09/21/13 03:03	jk	SW 8270C*	
Benzyl alcohol	4380 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Bis(2-chloroethoxy) methane	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Bis(2-chloroethyl) ether	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Bis(2-chloroisopropyl) ether	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C*	
Bis(2-ethylhexyl) phthalate	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Butyl benzyl phthalate	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Carbazole	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C*	
Chrysene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Dibenzo(a,h)anthracene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Dibenzofuran	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Diethyl phthalate	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Dimethyl phthalate	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Di-n-butyl phthalate	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Di-n-octyl phthalate	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Diphenylamine	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-04**
Sample Description: **TCLP IV/IV D**

Collect Date: **09/06/13 11:23**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Semivolatile Organics - STL						
Fluoranthene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Fluorene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Hexachlorobenzene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Hexachlorobutadiene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Hexachlorocyclopentadiene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Hexachloroethane	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Indeno(1,2,3-cd)pyrene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Isophorone	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Naphthalene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Nitrobenzene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
N-Nitrosodimethylamine	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
N-Nitrosodi-n-propylamine	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Pentachlorophenol	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Phenanthrene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Phenol	10400 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Pyrene	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Pyridine	< 2000 ug/L		09/21/13 03:03	jk	SW 8270C	04KS
Surrogate: 2-Fluorophenol	% *10-101*	*S*	*09/21/13 03:03*	*jk*	*SW 8270C*	
Surrogate: Phenol- d5	% *10-154*	*S*	*09/21/13 03:03*	*jk*	*SW 8270C*	
Surrogate: Nitrobenzene-d5	% *10-119*	*S*	*09/21/13 03:03*	*jk*	*SW 8270C*	
Surrogate: 2-Fluorobiphenyl	*34 %* *10-98*	*S*	*09/21/13 03:03*	*jk*	*SW 8270C*	
Surrogate: 2,4,6-Tribromophenol	% *10-69*	*S*	*09/21/13 03:03*	*jk*	*SW 8270C*	
Surrogate: p-Terphenyl-d14	% *11-97*	*S*	*09/21/13 03:03*	*jk*	*SW 8270C*	
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		09/13/13 20:06	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-04**
Sample Description: **TCLP IV/IV D**

Collect Date: **09/06/13 11:23**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,2,3-Trichlorobenzene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		09/13/13 20:06	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		09/13/13 20:06	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 250 ug/L		09/13/13 20:06	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
1,2-Dichloroethane	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 250 ug/L		09/13/13 20:06	BP	SW 8260B*	
1,4-Dichlorobenzene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
1,4-Dioxane	< 1200 ug/L		09/13/13 20:06	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
2-Butanone	65000 ug/L		09/13/13 18:04	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
2-Chlorotoluene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
2-Hexanone	750 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	1300 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Acetone	120000 ug/L		09/13/13 18:04	BP	SW 8260B	04KS
Acetonitrile	< 1200 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Acrolein	< 1200 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Benzene	620 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-04**
Sample Description: **TCLP IV/IV D**

Collect Date: **09/06/13 11:23**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Bromoform	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Carbon disulfide	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Chloroform	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Dibromochloromethane	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Ethyl methacrylate	< 120 ug/L		09/13/13 20:06	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Hexachlorobutadiene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Isobutanol	58000 ug/L		09/13/13 18:04	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
m,p-Xylene	< 250 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		09/13/13 20:06	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
MTBE	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Naphthalene	120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
n-Butylbenzene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
n-Propylbenzene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
p-Isopropyl toluene	150 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Styrene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-04**
Sample Description: **TCLP IV/IV D**

Collect Date: **09/06/13 11:23**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Tetrachloroethene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Toluene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B*	
Trichloroethene	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Trichlorofluoromethane	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Vinyl chloride	< 120 ug/L		09/13/13 20:06	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		09/13/13 20:06	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*108 % 65.6-134*		*09/13/13 20:06*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*120 % 61-140*		*09/13/13 20:06*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*106 % 75.4-120*		*09/13/13 20:06*	*BP*	*SW 8260B*	

Sample No: **3091053-05**
Sample Description: **Trip Blank**

Collect Date: **09/06/13 00:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 10 ug/L		09/13/13 18:28	BP	SW 8260B*	
1,1,2-Trichloroethane	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
1,1-Dichloroethane	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
1,1-Dichloroethene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
1,1-Dichloropropene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-05**
Sample Description: **Trip Blank**

Collect Date: **09/06/13 00:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,2-Dibromo-3-chloropropane	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B*	
1,2-Dibromoethane	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 10 ug/L		09/13/13 18:28	BP	SW 8260B*	
1,2-Dichlorobenzene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
1,2-Dichloroethane	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
1,2-Dichloropropane	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
1,3-Dichloropropane	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 10 ug/L		09/13/13 18:28	BP	SW 8260B*	
1,4-Dichlorobenzene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
1,4-Dioxane	< 50 ug/L		09/13/13 18:28	BP	SW 8260B*	
2,2-Dichloropropane	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
2-Butanone	< 10 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
2-Chlorotoluene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
2-Hexanone	< 10 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
2-Nitropropane	< 10 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
4-Chlorotoluene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	< 10 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Acetone	< 10 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Acetonitrile	< 50 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Acrolein	< 50 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Acrylonitrile	< 10 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Allyl Chloride	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Benzene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Bromobenzene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Bromochloromethane	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Bromodichloromethane	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Bromoform	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Bromomethane	< 10 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Carbon disulfide	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Carbon tetrachloride	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-05**
Sample Description: **Trip Blank**

Collect Date: **09/06/13 00:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Chlorobenzene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Chloroethane	< 10 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Chloroform	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Chloromethane	< 10 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Dibromochloromethane	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Dibromomethane	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 10 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Ethyl methacrylate	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B*	
Ethylbenzene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Hexachlorobutadiene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Iodomethane	< 10 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Isobutanol	< 50 ug/L		09/13/13 18:28	BP	SW 8260B*	
Isopropylbenzene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
m,p-Xylene	< 10 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Methacrylonitrile	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B*	
Methyl methacrylate	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Methylene chloride	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
MTBE	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Naphthalene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
n-Butylbenzene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
n-Propylbenzene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
o-Xylene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
p-Isopropyl toluene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Propionitrile	< 10 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
sec-Butylbenzene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Styrene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
tert-Butylbenzene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Tetrachloroethene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Toluene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3091053-05**
Sample Description: **Trip Blank**

Collect Date: **09/06/13 00:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
trans-1,4-Dichloro-2-butene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B*	
Trichloroethene	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Trichlorofluoromethane	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Vinyl acetate	< 10 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Vinyl chloride	< 5.0 ug/L		09/13/13 18:28	BP	SW 8260B	04KS
Xylenes- Total	< 15 ug/L		09/13/13 18:28	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*111 % 65.6-134*		*09/13/13 18:28*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*102 % 61-140*		*09/13/13 18:28*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*104 % 75.4-120*		*09/13/13 18:28*	*BP*	*SW 8260B*	

Sample No: **3091053-06**
Sample Description: **TCLP IV/IV A**

Collect Date: **09/06/13 10:41**
Matrix: **Solid**

Parameters	Result	Qual	Analysis Date	Analyst	Method
General Chemistry - STL					
Solids - total solids (TS)	7.8 %	H	09/19/13 10:00	ACV	SM 2540G 18Ed*

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St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

General Chemistry - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B316237 - 04-No Prep WC Solid								
Blank (B316237-BLK1)			Prepared: 09/19/13 Analyzed: 09/24/13					
Solids - total solids (TS)	< 0.050	%						
Duplicate (B316237-DUP1)	**Source: 3091945-20**		Prepared: 09/19/13 Analyzed: 09/24/13					
Solids - total solids (TS)	< 0.050	%		ND				20
Duplicate (B316237-DUP2)	**Source: 3092874-05**		Prepared: 09/19/13 Analyzed: 09/24/13					
Solids - total solids (TS)	< 0.050	%		ND				20

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315484 - 04-No Prep VOA								
Blank (B315484-BLK1)			Prepared & Analyzed: 09/13/13					
1,1,1,2-Tetrachloroethane	< 5.0	ug/L						
1,1,1-Trichloroethane	< 5.0	ug/L						
1,1,2,2-Tetrachloroethane	< 5.0	ug/L						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 10	ug/L						
1,1,2-Trichloroethane	< 5.0	ug/L						
1,1-Dichloroethane	< 5.0	ug/L						
1,1-Dichloroethene	< 5.0	ug/L						
1,1-Dichloropropene	< 5.0	ug/L						
1,2,3-Trichlorobenzene	< 5.0	ug/L						
1,2,3-Trichloropropane	< 5.0	ug/L						
1,2,4-Trichlorobenzene	< 5.0	ug/L						
1,2,4-Trimethylbenzene	< 5.0	ug/L						
1,2-Dibromo-3-chloropropane	< 5.0	ug/L						
1,2-Dibromoethane	< 5.0	ug/L						
1,2-Dichloroethene- Total	< 10	ug/L						
1,2-Dichlorobenzene	< 5.0	ug/L						
1,2-Dichloroethane	< 5.0	ug/L						
1,2-Dichloropropane	< 5.0	ug/L						
1,3,5-Trimethylbenzene	< 5.0	ug/L						
1,3-Dichlorobenzene	< 5.0	ug/L						
1,3-Dichloropropane	< 5.0	ug/L						
1,3-Dichloropropene - Total	< 10	ug/L						
1,4-Dichlorobenzene	< 5.0	ug/L						
1,4-Dioxane	< 50	ug/L						
2,2-Dichloropropane	< 5.0	ug/L						

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Bridgeton Landfill
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Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315484 - 04-No Prep VOA								
Blank (B315484-BLK1)			Prepared & Analyzed: 09/13/13					
2-Butanone	< 10	ug/L						
2-Chloroethylvinyl ether	< 5.0	ug/L						
2-Chlorotoluene	< 5.0	ug/L						
2-Hexanone	< 10	ug/L						
2-Nitropropane	< 10	ug/L						
4-Chlorotoluene	< 5.0	ug/L						
4-Methyl-2-pentanone (MIBK)	< 10	ug/L						
Acetone	< 10	ug/L						
Acetonitrile	< 50	ug/L						
Acrolein	< 50	ug/L						
Acrylonitrile	< 10	ug/L						
Allyl Chloride	< 5.0	ug/L						
Benzene	< 5.0	ug/L						
Bromobenzene	< 5.0	ug/L						
Bromochloromethane	< 5.0	ug/L						
Bromodichloromethane	< 5.0	ug/L						
Bromoform	< 5.0	ug/L						
Bromomethane	< 10	ug/L						
Carbon disulfide	< 5.0	ug/L						
Carbon tetrachloride	< 5.0	ug/L						
Chlorobenzene	< 5.0	ug/L						
Chloroethane	< 10	ug/L						
Chloroform	< 5.0	ug/L						
Chloromethane	< 10	ug/L						
cis-1,2-Dichloroethene	< 5.0	ug/L						
cis-1,3-Dichloropropene	< 5.0	ug/L						
Dibromochloromethane	< 5.0	ug/L						
Dibromomethane	< 5.0	ug/L						
Dichlorodifluoromethane	< 10	ug/L						
Ethyl methacrylate	< 5.0	ug/L						
Ethylbenzene	< 5.0	ug/L						
Hexachlorobutadiene	< 5.0	ug/L						
Iodomethane	< 10	ug/L						
Isobutanol	< 50	ug/L						
Isopropylbenzene	< 5.0	ug/L						
m,p-Xylene	< 10	ug/L						
Methacrylonitrile	< 5.0	ug/L						
Methyl methacrylate	< 5.0	ug/L						
Methylene chloride	< 5.0	ug/L						

PDC Laboratories, Inc.
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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315484 - 04-No Prep VOA								
Blank (B315484-BLK1)			Prepared & Analyzed: 09/13/13					
MTBE	< 5.0	ug/L						
Naphthalene	< 5.0	ug/L						
n-Butylbenzene	< 5.0	ug/L						
n-Propylbenzene	< 5.0	ug/L						
o-Xylene	< 5.0	ug/L						
p-Isopropyl toluene	< 5.0	ug/L						
Propionitrile	< 10	ug/L						
sec-Butylbenzene	< 5.0	ug/L						
Styrene	< 5.0	ug/L						
tert-Butylbenzene	< 5.0	ug/L						
Tetrachloroethene	< 5.0	ug/L						
Toluene	< 5.0	ug/L						
trans-1,2-Dichloroethene	< 5.0	ug/L						
trans-1,3-Dichloropropene	< 5.0	ug/L						
trans-1,4-Dichloro-2-butene	< 5.0	ug/L						
Trichloroethene	< 5.0	ug/L						
Trichlorofluoromethane	< 5.0	ug/L						
Vinyl acetate	< 10	ug/L						
Vinyl chloride	< 5.0	ug/L						
Xylenes- Total	< 15	ug/L						
Surrogate: 1,2-Dichloroethane-d4	*31.4*	*ug/L*	*30.00*		*105*	*65.6-134*		
Surrogate: Bromofluorobenzene	*30.3*	*ug/L*	*30.00*		*101*	*61-140*		
Surrogate: Toluene-d8	*30.1*	*ug/L*	*30.00*		*100*	*75.4-120*		
LCS (B315484-BS1)			Prepared & Analyzed: 09/13/13					
1,1,1-Trichloroethane	17	ug/L	20.00		85	75-125		
1,1,2,2-Tetrachloroethane	19	ug/L	20.00		97	73-129		
1,1,2-Trichloroethane	20	ug/L	20.00		100	73-129		
1,1-Dichloroethane	20	ug/L	20.00		101	75-140		
1,1-Dichloroethene	19	ug/L	20.00		96	71-136		
1,2-Dichlorobenzene	20	ug/L	20.00		99	70-122		
1,2-Dichloroethane	20	ug/L	20.00		101	77-126		
1,2-Dichloropropane	21	ug/L	20.00		105	80-126		
1,3-Dichlorobenzene	20	ug/L	20.00		101	77-125		
1,4-Dichlorobenzene	19	ug/L	20.00		94	74-119		
2-Chloroethylvinyl ether	20	ug/L	20.00		102	59-127		
Acrolein	224	ug/L	200.0		112	36-139		
Acrylonitrile	22	ug/L	20.00		108	43-133		
Benzene	21	ug/L	20.00		103	75-123		
Bromodichloromethane	21	ug/L	20.00		104	72-126		

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Customer #: 277310
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Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315484 - 04-No Prep VOA								
LCS (B315484-BS1)			Prepared & Analyzed: 09/13/13					
Bromoform	21	ug/L	20.00		107	50-121		
Bromomethane	18	ug/L	20.00		92	19-149		
Carbon tetrachloride	19	ug/L	20.00		94	75-123		
Chlorobenzene	20	ug/L	20.00		98	76-121		
Chloroethane	13	ug/L	20.00		65	24-151		
Chloroform	18	ug/L	20.00		90	73-136		
Chloromethane	17	ug/L	20.00		86	44-126		
cis-1,3-Dichloropropene	21	ug/L	20.00		107	79-121		
Dibromochloromethane	20	ug/L	20.00		101	73-122		
Ethylbenzene	20	ug/L	20.00		98	76-129		
m,p-Xylene	42	ug/L	40.00		104	71-123		
Methylene chloride	21	ug/L	20.00		103	76-143		
o-Xylene	22	ug/L	20.00		109	72-123		
Tetrachloroethene	21	ug/L	20.00		103	53-147		
Toluene	21	ug/L	20.00		106	75-128		
trans-1,2-Dichloroethene	20	ug/L	20.00		102	72-136		
trans-1,3-Dichloropropene	22	ug/L	20.00		112	72-120		
Trichloroethene	21	ug/L	20.00		103	74-131		
Trichlorofluoromethane	19	ug/L	20.00		95	68-134		
Vinyl chloride	22	ug/L	20.00		108	48-129		
Surrogate: 1,2-Dichloroethane-d4	*33.8*	*ug/L*	*30.00*		*113*	*60.5-136*		
Surrogate: Bromofluorobenzene	*30.6*	*ug/L*	*30.00*		*102*	*71.3-122*		
Surrogate: Toluene-d8	*31.8*	*ug/L*	*30.00*		*106*	*71.9-118*		
Matrix Spike (B315484-MS1)	**Source: 3091028-03**		Prepared & Analyzed: 09/13/13					
1,1,1-Trichloroethane	9	ug/L	20.00	ND	45	27-153		
1,1,2,2-Tetrachloroethane	16	ug/L	20.00	ND	81	32-186		
1,1,2-Trichloroethane	17	ug/L	20.00	ND	83	38-171		
1,1-Dichloroethane	18	ug/L	20.00	ND	89	39-162		
1,1-Dichloroethene	9	ug/L	20.00	ND	47	25-172		
1,2-Dichlorobenzene	16	ug/L	20.00	ND	81	57-129		
1,2-Dichloroethane	19	ug/L	20.00	ND	95	60-135		
1,2-Dichloropropane	19	ug/L	20.00	ND	93	55-140		
1,3-Dichlorobenzene	17	ug/L	20.00	ND	86	53-133		
1,4-Dichlorobenzene	15	ug/L	20.00	ND	77	61-125		
Acrolein	151	ug/L	200.0	ND	76	25-187		
Acrylonitrile	20	ug/L	20.00	ND	102	39-135		
Benzene	16	ug/L	20.00	ND	82	39-150		
Bromodichloromethane	18	ug/L	20.00	ND	92	58-135		
Bromoform	17	ug/L	20.00	ND	83	34-123		

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Date Received: 09/09/13 13:40
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Customer #: 277310
PO#: 3496416

Laboratory Results

Volatile Organics - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315484 - 04-No Prep VOA									
Matrix Spike (B315484-MS1)		**Source: 3091028-03**		Prepared & Analyzed: 09/13/13					
Bromomethane		6	ug/L	20.00	ND	29	25-148		
Carbon tetrachloride		9	ug/L	20.00	ND	45	25-157		
Chlorobenzene		17	ug/L	20.00	ND	83	59-131		
Chloroethane	Q3	< 10	ug/L	20.00	ND		25-154		
Chloroform		18	ug/L	20.00	ND	88	48-153		
Chloromethane		10	ug/L	20.00	ND	52	25-150		
cis-1,3-Dichloropropene		18	ug/L	20.00	ND	91	60-131		
Dibromochloromethane		17	ug/L	20.00	ND	86	57-130		
Ethylbenzene		15	ug/L	20.00	ND	74	42-146		
m,p-Xylene		31	ug/L	40.00	ND	78	37-143		
Methylene chloride		20	ug/L	20.00	ND	98	52-162		
o-Xylene		17	ug/L	20.00	ND	85	46-139		
Tetrachloroethene		11	ug/L	20.00	ND	55	25-134		
Toluene		16	ug/L	20.00	ND	81	25-167		
trans-1,2-Dichloroethene		15	ug/L	20.00	ND	74	29-156		
trans-1,3-Dichloropropene		19	ug/L	20.00	ND	93	57-123		
Trichloroethene		15	ug/L	20.00	ND	73	38-149		
Trichlorofluoromethane		6	ug/L	20.00	ND	31	25-176		
Vinyl chloride		10	ug/L	20.00	ND	48	25-156		
Surrogate: 1,2-Dichloroethane-d4		*32.3*	*ug/L*	*30.00*		*108*	*58.5-136*		
Surrogate: Bromofluorobenzene		*30.1*	*ug/L*	*30.00*		*100*	*56.9-139*		
Surrogate: Toluene-d8		*31.4*	*ug/L*	*30.00*		*105*	*72.4-120*		
Matrix Spike Dup (B315484-MSD1)		**Source: 3091028-03**		Prepared: 09/13/13 Analyzed: 09/14/13					
1,1,1-Trichloroethane		6	ug/L	20.00	ND	32	27-153	34	40
1,1,2,2-Tetrachloroethane		13	ug/L	20.00	ND	64	32-186	23	40
1,1,2-Trichloroethane		14	ug/L	20.00	ND	72	38-171	14	40
1,1-Dichloroethane		12	ug/L	20.00	ND	62	39-162	36	40
1,1-Dichloroethene		7	ug/L	20.00	ND	34	25-172	32	40
1,2-Dichlorobenzene		13	ug/L	20.00	ND	64	57-129	24	40
1,2-Dichloroethane		15	ug/L	20.00	ND	76	60-135	22	40
1,2-Dichloropropane		14	ug/L	20.00	ND	71	55-140	26	40
1,3-Dichlorobenzene		14	ug/L	20.00	ND	70	53-133	20	40
1,4-Dichlorobenzene	Q2	11	ug/L	20.00	ND	55	61-125	32	40
Acrolein		137	ug/L	200.0	ND	69	25-187	10	40
Acrylonitrile		15	ug/L	20.00	ND	77	39-135	28	40
Benzene		13	ug/L	20.00	ND	65	39-150	23	40
Bromodichloromethane		14	ug/L	20.00	ND	72	58-135	24	40
Bromoform		13	ug/L	20.00	ND	67	34-123	22	40
Bromomethane		6	ug/L	20.00	ND	30	25-148	4	40

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Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Volatile Organics - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315484 - 04-No Prep VOA									
Matrix Spike Dup (B315484-MSD1)		**Source: 3091028-03**		Prepared: 09/13/13 Analyzed: 09/14/13					
Carbon tetrachloride		7	ug/L	20.00	ND	34	25-157	28	40
Chlorobenzene		13	ug/L	20.00	ND	63	59-131	28	40
Chloroethane	Q3	< 10	ug/L	20.00	ND		25-154		40
Chloroform		13	ug/L	20.00	ND	67	48-153	27	40
Chloromethane		7	ug/L	20.00	ND	36	25-150	37	40
cis-1,3-Dichloropropene		14	ug/L	20.00	ND	68	60-131	28	40
Dibromochloromethane		13	ug/L	20.00	ND	67	57-130	24	40
Ethylbenzene		12	ug/L	20.00	ND	60	42-146	21	40
m,p-Xylene		26	ug/L	40.00	ND	64	37-143	20	40
Methylene chloride		14	ug/L	20.00	ND	72	52-162	31	40
o-Xylene		14	ug/L	20.00	ND	68	46-139	23	40
Tetrachloroethene		9	ug/L	20.00	ND	45	25-134	20	40
Toluene		13	ug/L	20.00	ND	67	25-167	19	40
trans-1,2-Dichloroethene		11	ug/L	20.00	ND	54	29-156	32	40
trans-1,3-Dichloropropene		14	ug/L	20.00	ND	70	57-123	29	40
Trichloroethene		10	ug/L	20.00	ND	52	38-149	34	40
Trichlorofluoromethane		5	ug/L	20.00	ND	27	25-176	16	40
Vinyl chloride		7	ug/L	20.00	ND	35	25-156	31	40
Surrogate: 1,2-Dichloroethane-d4		*31.3*	*ug/L*	*30.00*		*104*	*58.5-136*		
Surrogate: Bromofluorobenzene		*30.3*	*ug/L*	*30.00*		*101*	*56.9-139*		
Surrogate: Toluene-d8		*30.3*	*ug/L*	*30.00*		*101*	*72.4-120*		

Volatile Organics - TCLP - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315561 - 04-No Prep VOA								
Blank (B315561-BLK1)			Prepared & Analyzed: 09/12/13					
1,1-Dichloroethene	< 5.0	ug/L						
1,2-Dichloroethane	< 5.0	ug/L						
1,4-Dichlorobenzene	< 5.0	ug/L						
2-Butanone	< 10	ug/L						
Benzene	< 5.0	ug/L						
Carbon tetrachloride	< 5.0	ug/L						
Chlorobenzene	< 5.0	ug/L						
Chloroform	< 5.0	ug/L						
Tetrachloroethene	< 5.0	ug/L						
Trichloroethene	< 5.0	ug/L						

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Laboratory Results

Volatile Organics - TCLP - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315561 - 04-No Prep VOA									
Blank (B315561-BLK1)				Prepared & Analyzed: 09/12/13					
Vinyl chloride		< 5.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4		*28.6*	*ug/L*	*30.00*		*95*	*56.1-142*		
Surrogate: Toluene-d8		*33.7*	*ug/L*	*30.00*		*112*	*68.1-121*		
Surrogate: Bromofluorobenzene		*30.2*	*ug/L*	*30.00*		*101*	*64.1-128*		
LCS (B315561-BS1)				Prepared & Analyzed: 09/12/13					
1,1-Dichloroethene		19	ug/L	20.00		93	83-127		
1,2-Dichloroethane		19	ug/L	20.00		97	82-120		
1,4-Dichlorobenzene		17	ug/L	20.00		84	72-122		
2-Butanone		19	ug/L	20.00		96	49-139		
Benzene		19	ug/L	20.00		93	76-121		
Carbon tetrachloride		19	ug/L	20.00		93	86-120		
Chlorobenzene		18	ug/L	20.00		91	78-116		
Chloroform		19	ug/L	20.00		96	80-125		
Tetrachloroethene		23	ug/L	20.00		114	55-134		
Trichloroethene		18	ug/L	20.00		92	78-128		
Vinyl chloride		21	ug/L	20.00		104	50-141		
Surrogate: 1,2-Dichloroethane-d4		*30.0*	*ug/L*	*30.00*		*100*	*64.1-142*		
Surrogate: Toluene-d8		*32.9*	*ug/L*	*30.00*		*110*	*73.2-121*		
Surrogate: Bromofluorobenzene		*28.4*	*ug/L*	*30.00*		*95*	*70.8-124*		
Matrix Spike (B315561-MS1)		**Source: 3090317-01**		Prepared & Analyzed: 09/12/13					
1,1-Dichloroethene		59	ug/L	200.0	ND	29	25-155		
1,2-Dichloroethane		180	ug/L	200.0	ND	90	72-122		
1,4-Dichlorobenzene		151	ug/L	200.0	ND	75	59-119		
2-Butanone		796	ug/L	200.0	491	153	25-232		
Benzene		120	ug/L	200.0	ND	60	33-127		
Carbon tetrachloride		53	ug/L	200.0	ND	26	25-148		
Chlorobenzene		138	ug/L	200.0	ND	69	53-119		
Chloroform		128	ug/L	200.0	ND	64	50-129		
Tetrachloroethene		83	ug/L	200.0	ND	42	25-142		
Trichloroethene		99	ug/L	200.0	ND	49	25-157		
Vinyl chloride		67	ug/L	200.0	ND	33	25-147		
Surrogate: 1,2-Dichloroethane-d4		*31.6*	*ug/L*	*30.00*		*105*	*55.8-141*		
Surrogate: Toluene-d8	*Q1*	*36.1*	*ug/L*	*30.00*		*120*	*68.5-119*		
Surrogate: Bromofluorobenzene		*32.0*	*ug/L*	*30.00*		*107*	*62.3-130*		
Matrix Spike (B315561-MS2)		**Source: 3090317-02**		Prepared & Analyzed: 09/12/13					
1,1-Dichloroethene		69	ug/L	200.0	ND	34	25-155		
1,2-Dichloroethane		196	ug/L	200.0	ND	98	72-122		
1,4-Dichlorobenzene		207	ug/L	200.0	58	75	59-119		

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Laboratory Results

Volatile Organics - TCLP - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315561 - 04-No Prep VOA									
Matrix Spike (B315561-MS2)		**Source: 3090317-02**		Prepared & Analyzed: 09/12/13					
2-Butanone		203	ug/L	200.0	ND	102	25-232		
Benzene		134	ug/L	200.0	ND	67	33-127		
Carbon tetrachloride		70	ug/L	200.0	ND	35	25-148		
Chlorobenzene		151	ug/L	200.0	ND	75	53-119		
Chloroform		139	ug/L	200.0	ND	70	50-129		
Tetrachloroethene		100	ug/L	200.0	ND	50	25-142		
Trichloroethene		110	ug/L	200.0	ND	55	25-157		
Vinyl chloride		79	ug/L	200.0	ND	39	25-147		
Surrogate: 1,2-Dichloroethane-d4		*31.6*	*ug/L*	*30.00*		*105*	*55.8-141*		
Surrogate: Toluene-d8	*Q1*	*36.0*	*ug/L*	*30.00*		*120*	*68.5-119*		
Surrogate: Bromofluorobenzene		*31.4*	*ug/L*	*30.00*		*105*	*62.3-130*		
Matrix Spike (B315561-MS3)		**Source: 3090317-03**		Prepared & Analyzed: 09/12/13					
1,1-Dichloroethene	Q1	43	ug/L	200.0	ND	22	25-155		
1,2-Dichloroethane		181	ug/L	200.0	ND	91	72-122		
1,4-Dichlorobenzene		130	ug/L	200.0	ND	65	59-119		
2-Butanone		244	ug/L	200.0	ND	122	25-232		
Benzene		104	ug/L	200.0	ND	52	33-127		
Carbon tetrachloride	Q1	41	ug/L	200.0	ND	20	25-148		
Chlorobenzene		120	ug/L	200.0	ND	60	53-119		
Chloroform		118	ug/L	200.0	ND	59	50-129		
Tetrachloroethene		63	ug/L	200.0	ND	31	25-142		
Trichloroethene		83	ug/L	200.0	ND	41	25-157		
Vinyl chloride		54	ug/L	200.0	ND	27	25-147		
Surrogate: 1,2-Dichloroethane-d4		*30.9*	*ug/L*	*30.00*		*103*	*55.8-141*		
Surrogate: Toluene-d8		*35.4*	*ug/L*	*30.00*		*118*	*68.5-119*		
Surrogate: Bromofluorobenzene		*30.6*	*ug/L*	*30.00*		*102*	*62.3-130*		
Matrix Spike (B315561-MS4)		**Source: 3091053-01**		Prepared & Analyzed: 09/12/13					
1,1-Dichloroethene	Q1	164	ug/L	800.0	ND	20	25-155		
1,2-Dichloroethane		690	ug/L	800.0	ND	86	72-122		
1,4-Dichlorobenzene		491	ug/L	800.0	ND	61	59-119		
2-Butanone		3910	ug/L	800.0	2700	151	25-232		
Benzene		403	ug/L	800.0	ND	50	33-127		
Carbon tetrachloride	Q1	157	ug/L	800.0	ND	20	25-148		
Chlorobenzene		468	ug/L	800.0	ND	58	53-119		
Chloroform		434	ug/L	800.0	ND	54	50-129		
Tetrachloroethene		264	ug/L	800.0	ND	33	25-142		
Trichloroethene		321	ug/L	800.0	ND	40	25-157		
Vinyl chloride	Q1	187	ug/L	800.0	ND	23	25-147		

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Volatile Organics - TCLP - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315561 - 04-No Prep VOA								
Matrix Spike (B315561-MS4)	**Source: 3091053-01**		Prepared & Analyzed: 09/12/13					
Surrogate: 1,2-Dichloroethane-d4	*31.4*	*ug/L*	*30.00*		*105*	*55.8-141*		
Surrogate: Toluene-d8	*35.4*	*ug/L*	*30.00*		*118*	*68.5-119*		
Surrogate: Bromofluorobenzene	*32.4*	*ug/L*	*30.00*		*108*	*62.3-130*		
Matrix Spike (B315561-MS5)	**Source: 3091115-01**		Prepared: 09/12/13 Analyzed: 09/13/13					
1,1-Dichloroethene	101	ug/L	200.0	ND	51	25-155		
1,2-Dichloroethane	183	ug/L	200.0	ND	91	72-122		
1,4-Dichlorobenzene	156	ug/L	200.0	ND	78	59-119		
2-Butanone	182	ug/L	200.0	ND	91	25-232		
Benzene	146	ug/L	200.0	ND	73	33-127		
Carbon tetrachloride	103	ug/L	200.0	ND	52	25-148		
Chlorobenzene	156	ug/L	200.0	ND	78	53-119		
Chloroform	142	ug/L	200.0	ND	71	50-129		
Tetrachloroethene	119	ug/L	200.0	ND	59	25-142		
Trichloroethene	128	ug/L	200.0	ND	64	25-157		
Vinyl chloride	103	ug/L	200.0	ND	52	25-147		
Surrogate: 1,2-Dichloroethane-d4	*31.1*	*ug/L*	*30.00*		*104*	*55.8-141*		
Surrogate: Toluene-d8	*35.6*	*ug/L*	*30.00*		*119*	*68.5-119*		
Surrogate: Bromofluorobenzene	*30.1*	*ug/L*	*30.00*		*100*	*62.3-130*		

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315325 - 04 SW 3510 (625/8270)								
Blank (B315325-BLK1)			Prepared: 09/10/13 Analyzed: 09/11/13					
1,2,4-Trichlorobenzene	< 10.0	ug/L						
1,2-Dichlorobenzene	< 10.0	ug/L						
1,3-Dichlorobenzene	< 10.0	ug/L						
1,4-Dichlorobenzene	< 10.0	ug/L						
2,4,5-Trichlorophenol	< 10.0	ug/L						
2,4,6-Trichlorophenol	< 10.0	ug/L						
2,4-Dichlorophenol	< 10.0	ug/L						
2,4-Dimethylphenol	< 10.0	ug/L						
2,4-Dinitrophenol	< 10.0	ug/L						
2,4-Dinitrotoluene	< 10.0	ug/L						
2,6-Dimethylaniline	< 5.00	ug/L						
2,6-Dinitrotoluene	< 10.0	ug/L						
2-Chloronaphthalene	< 10.0	ug/L						

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Laboratory Results

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315325 - 04 SW 3510 (625/8270)								
Blank (B315325-BLK1)			Prepared: 09/10/13 Analyzed: 09/11/13					
2-Chlorophenol	< 10.0	ug/L						
2-Methylnaphthalene	< 10.0	ug/L						
2-Methylphenol	< 10.0	ug/L						
2-Nitroaniline	< 10.0	ug/L						
2-Nitrophenol	< 10.0	ug/L						
3- & 4-Methylphenol	< 10.0	ug/L						
3,3'-Dichlorobenzidine	< 10.0	ug/L						
3-Nitroaniline	< 10.0	ug/L						
4,6-Dinitro-2-methylphenol	< 10.0	ug/L						
4-Bromophenyl phenyl ether	< 10.0	ug/L						
4-Chloro-3-methylphenol	< 10.0	ug/L						
4-Chloroaniline	< 10.0	ug/L						
4-Chlorophenylphenyl ether	< 10.0	ug/L						
4-Nitroaniline	< 10.0	ug/L						
4-Nitrophenol	< 10.0	ug/L						
Acenaphthene	< 10.0	ug/L						
Acenaphthylene	< 10.0	ug/L						
Aniline	< 10.0	ug/L						
Anthracene	< 10.0	ug/L						
Azobenzene	< 10.0	ug/L						
Benzidine	< 10.0	ug/L						
Benzo(a)anthracene	< 10.0	ug/L						
Benzo(a)pyrene	< 10.0	ug/L						
Benzo(b&k)fluoranthene	< 10.0	ug/L						
Benzo(b)fluoranthene	< 10.0	ug/L						
Benzo(g,h,i)perylene	< 10.0	ug/L						
Benzo(k)fluoranthene	< 10.0	ug/L						
Benzoic Acid	< 10.0	ug/L						
Benzyl alcohol	< 10.0	ug/L						
Bis(2-chloroethoxy) methane	< 10.0	ug/L						
Bis(2-chloroethyl) ether	< 10.0	ug/L						
Bis(2-chloroisopropyl) ether	< 10.0	ug/L						
Bis(2-ethylhexyl) phthalate	< 10.0	ug/L						
Butyl benzyl phthalate	< 10.0	ug/L						
Carbazole	< 10.0	ug/L						
Chrysene	< 10.0	ug/L						
Dibenzo(a,h)anthracene	< 10.0	ug/L						
Dibenzofuran	< 10.0	ug/L						
Diethyl phthalate	< 10.0	ug/L						

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Laboratory Results

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315325 - 04 SW 3510 (625/8270)								
Blank (B315325-BLK1)			Prepared: 09/10/13 Analyzed: 09/11/13					
Dimethyl phthalate	< 10.0	ug/L						
Di-n-butyl phthalate	< 10.0	ug/L						
Di-n-octyl phthalate	< 10.0	ug/L						
Diphenylamine	< 10.0	ug/L						
Fluoranthene	< 10.0	ug/L						
Fluorene	< 10.0	ug/L						
Hexachlorobenzene	< 10.0	ug/L						
Hexachlorobutadiene	< 10.0	ug/L						
Hexachlorocyclopentadiene	< 10.0	ug/L						
Hexachloroethane	< 10.0	ug/L						
Indeno(1,2,3-cd)pyrene	< 10.0	ug/L						
Isophorone	< 10.0	ug/L						
Naphthalene	< 10.0	ug/L						
Nitrobenzene	< 10.0	ug/L						
N-Nitrosodimethylamine	< 10.0	ug/L						
N-Nitrosodi-n-propylamine	< 10.0	ug/L						
Pentachlorophenol	< 10.0	ug/L						
Phenanthrene	< 10.0	ug/L						
Phenol	< 10.0	ug/L						
Pyrene	< 10.0	ug/L						
Pyridine	< 10.0	ug/L						
1,4-Dichlorobenzene-d4	40	ug/L				0-200		
Naphthalene-d8	40	ug/L				0-200		
Acenaphthene-d10	40	ug/L				0-200		
Phenanthrene-d10	40	ug/L				0-200		
Chrysene-d12	40	ug/L				0-200		
Perylene-d12	40	ug/L				0-200		
Surrogate: 2-Fluorophenol	*67*	*ug/L*	*80.00*		*83*	*16.1-116*		
Surrogate: Phenol- d5	*67*	*ug/L*	*80.00*		*84*	*36-105*		
Surrogate: Nitrobenzene-d5	*61*	*ug/L*	*80.00*		*76*	*46.2-97.1*		
Surrogate: 2-Fluorobiphenyl	*59*	*ug/L*	*80.00*		*74*	*50.7-94.6*		
Surrogate: 2,4,6-Tribromophenol	*59*	*ug/L*	*80.00*		*73*	*41-106*		
Surrogate: p-Terphenyl-d14	*63*	*ug/L*	*80.00*		*79*	*45.8-88.3*		
LCS (B315325-BS1)			Prepared: 09/10/13 Analyzed: 09/11/13					
1,2,4-Trichlorobenzene	47	ug/L	80.00		59	47-83		
1,2-Dichlorobenzene	48	ug/L	80.00		60	44-86		
1,3-Dichlorobenzene	48	ug/L	80.00		60	40-89		
1,4-Dichlorobenzene	49	ug/L	80.00		61	44-87		
2,4,5-Trichlorophenol	63	ug/L	80.00		79	50-105		

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PO#: 3496416

Laboratory Results

Semivolatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315325 - 04 SW 3510 (625/8270)								
LCS (B315325-BS1)			Prepared: 09/10/13 Analyzed: 09/11/13					
2,4,6-Trichlorophenol	64	ug/L	80.00		80	46-106		
2,4-Dichlorophenol	62	ug/L	80.00		78	44-101		
2,4-Dimethylphenol	61	ug/L	80.00		77	44-103		
2,4-Dinitrophenol	75	ug/L	80.00		93	18-151		
2,4-Dinitrotoluene	50	ug/L	80.00		62	50-88		
2,6-Dinitrotoluene	50	ug/L	80.00		63	50-91		
2-Chloronaphthalene	47	ug/L	80.00		58	48-86		
2-Chlorophenol	63	ug/L	80.00		78	44-103		
2-Methylphenol	66	ug/L	80.00		83	38-111		
2-Nitrophenol	62	ug/L	80.00		78	47-102		
3- & 4-Methylphenol	68	ug/L	80.00		85	35-111		
3,3'-Dichlorobenzidine	56	ug/L	80.00		70	51-108		
4,6-Dinitro-2-methylphenol	73	ug/L	80.00		91	27-146		
4-Bromophenyl phenyl ether	50	ug/L	80.00		63	50-87		
4-Chloro-3-methylphenol	62	ug/L	80.00		78	42-109		
4-Chlorophenylphenyl ether	52	ug/L	80.00		65	52-87		
4-Nitrophenol	69	ug/L	80.00		86	30-123		
Acenaphthene	52	ug/L	80.00		65	49-88		
Acenaphthylene	48	ug/L	80.00		60	50-87		
Anthracene	52	ug/L	80.00		66	53-89		
Azobenzene	51	ug/L	80.00		63	46-98		
Benzidine	13	ug/L	80.00		16	10-55		
Benzo(a)anthracene	48	ug/L	80.00		60	47-81		
Benzo(a)pyrene	51	ug/L	80.00		64	52-101		
Benzo(b&k)fluoranthene	103	ug/L	160.0		64	54-90		
Benzo(b)fluoranthene	51	ug/L	80.00		64	47-101		
Benzo(g,h,i)perylene	51	ug/L	80.00		64	38-104		
Benzo(k)fluoranthene	48	ug/L	80.00		60	44-107		
Benzoic Acid	65	ug/L	80.00		81	35-135		
Bis(2-chloroethoxy) methane	49	ug/L	80.00		61	43-91		
Bis(2-chloroethyl) ether	46	ug/L	80.00		57	36-95		
Bis(2-chloroisopropyl) ether	58	ug/L	80.00		73	34-89		
Bis(2-ethylhexyl) phthalate	51	ug/L	80.00		64	46-94		
Butyl benzyl phthalate	50	ug/L	80.00		63	45-93		
Chrysene	52	ug/L	80.00		65	52-91		
Dibenzo(a,h)anthracene	54	ug/L	80.00		67	49-98		
Diethyl phthalate	50	ug/L	80.00		62	47-91		
Dimethyl phthalate	51	ug/L	80.00		63	49-87		
Di-n-butyl phthalate	51	ug/L	80.00		63	50-87		

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Laboratory Results

Semivolatile Organics - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315325 - 04 SW 3510 (625/8270)									
LCS (B315325-BS1)				Prepared: 09/10/13 Analyzed: 09/11/13					
Di-n-octyl phthalate		53	ug/L	80.00		66	43-100		
Diphenylamine		48	ug/L	80.00		60	46-96		
Fluoranthene		49	ug/L	80.00		61	51-85		
Fluorene		50	ug/L	80.00		62	49-90		
Hexachlorobenzene		48	ug/L	80.00		60	50-84		
Hexachlorobutadiene		47	ug/L	80.00		59	43-88		
Hexachlorocyclopentadiene		35	ug/L	80.00		44	14-80		
Hexachloroethane		51	ug/L	80.00		64	42-90		
Indeno(1,2,3-cd)pyrene		52	ug/L	80.00		65	42-106		
Isophorone		43	ug/L	80.00		54	42-82		
Naphthalene		49	ug/L	80.00		61	48-86		
Nitrobenzene		50	ug/L	80.00		62	46-88		
N-Nitrosodimethylamine		55	ug/L	80.00		69	23-108		
N-Nitrosodi-n-propylamine		46	ug/L	80.00		57	39-87		
Pentachlorophenol		70	ug/L	80.00		87	42-119		
Phenanthrene		48	ug/L	80.00		61	51-89		
Phenol		64	ug/L	80.00		80	30-113		
Pyrene		50	ug/L	80.00		63	50-94		
1,4-Dichlorobenzene-d4		40	ug/L				0-200		
Naphthalene-d8		40	ug/L				0-200		
Acenaphthene-d10		40	ug/L				0-200		
Phenanthrene-d10		40	ug/L				0-200		
Chrysene-d12		40	ug/L				0-200		
Perylene-d12		40	ug/L				0-200		
Surrogate: 2-Fluorophenol		*61*	*ug/L*	*80.00*		*76*	*16.1-116*		
Surrogate: Phenol- d5		*63*	*ug/L*	*80.00*		*79*	*36-105*		
Surrogate: Nitrobenzene-d5		*55*	*ug/L*	*80.00*		*68*	*46.2-97.1*		
Surrogate: 2-Fluorobiphenyl		*55*	*ug/L*	*80.00*		*68*	*50.7-94.6*		
Surrogate: 2,4,6-Tribromophenol		*60*	*ug/L*	*80.00*		*75*	*41-106*		
Surrogate: p-Terphenyl-d14		*57*	*ug/L*	*80.00*		*71*	*45.8-88.3*		
Matrix Spike (B315325-MS1)		**Source: 3091055-02**		Prepared: 09/10/13 Analyzed: 09/21/13					
1,2,4-Trichlorobenzene	X	120	ug/L	160.0	ND	75	27-82		
1,2-Dichlorobenzene	X	< 800	ug/L	160.0	ND		31-75		
1,3-Dichlorobenzene	X	126	ug/L	160.0	ND	78	12-93		
1,4-Dichlorobenzene	X	< 800	ug/L	160.0	ND		13-99		
2,4,5-Trichlorophenol	X	167	ug/L	160.0	ND	105	12-87		
2,4,6-Trichlorophenol	X	154	ug/L	160.0	ND	96	15-85		
2,4-Dichlorophenol	X	152	ug/L	160.0	ND	95	18-72		
2,4-Dimethylphenol	X	< 800	ug/L	160.0	ND		14-69		

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Laboratory Results

Semivolatile Organics - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315325 - 04 SW 3510 (625/8270)									
Matrix Spike (B315325-MS1)		**Source: 3091055-02**		Prepared: 09/10/13 Analyzed: 09/21/13					
2,4-Dinitrophenol	X	< 800	ug/L	160.0	ND		10-116		
2,4-Dinitrotoluene	X	< 800	ug/L	160.0	ND		19-92		
2,6-Dinitrotoluene	X	129	ug/L	160.0	ND	80	23-94		
2-Chloronaphthalene	X	120	ug/L	160.0	ND	75	31-85		
2-Chlorophenol	X	< 800	ug/L	160.0	ND		13-58		
2-Methylphenol	X	255	ug/L	160.0	ND	159	10-137		
2-Nitrophenol	X	< 800	ug/L	160.0	ND		16-87		
3- & 4-Methylphenol	X	4970	ug/L	160.0	1760	NR	10-106		
3,3'-Dichlorobenzidine	X	< 800	ug/L	160.0	ND		10-99		
4,6-Dinitro-2-methylphenol	X	< 800	ug/L	160.0	ND		10-113		
4-Bromophenyl phenyl ether	X	136	ug/L	160.0	ND	85	27-91		
4-Chloro-3-methylphenol	X	< 800	ug/L	160.0	ND		10-89		
4-Chlorophenylphenyl ether	X	140	ug/L	160.0	ND	87	31-89		
4-Nitrophenol	X	< 800	ug/L	160.0	ND		10-52		
Acenaphthene	X	116	ug/L	160.0	ND	73	31-86		
Acenaphthylene	X	132	ug/L	160.0	ND	82	26-97		
Anthracene	X	131	ug/L	160.0	ND	82	27-100		
Azobenzene	X	< 800	ug/L	160.0	ND		33-91		
Benzidine	X	< 800	ug/L	160.0	ND		14-32		
Benzo(a)anthracene	X	< 800	ug/L	160.0	ND		37-76		
Benzo(a)pyrene	X	119	ug/L	160.0	ND	75	27-105		
Benzo(b&k)fluoranthene	X	281	ug/L	320.0	ND	88	24-98		
Benzo(b)fluoranthene	X	131	ug/L	160.0	ND	82	28-106		
Benzo(g,h,i)perylene	X	< 800	ug/L	160.0	ND		26-86		
Benzo(k)fluoranthene	X	127	ug/L	160.0	ND	79	23-110		
Benzoic Acid	X	16300	ug/L	160.0	4880	NR	10-84		
Bis(2-chloroethoxy) methane	X	159	ug/L	160.0	ND	100	16-89		
Bis(2-chloroethyl) ether	X	413	ug/L	160.0	ND	258	10-98		
Bis(2-chloroisopropyl) ether	X	< 800	ug/L	160.0	ND		12-86		
Bis(2-ethylhexyl) phthalate	X	< 800	ug/L	160.0	ND		33-93		
Butyl benzyl phthalate	X	< 800	ug/L	160.0	ND		13-95		
Chrysene	X	137	ug/L	160.0	ND	85	30-91		
Dibenzo(a,h)anthracene	X	< 800	ug/L	160.0	ND		35-85		
Diethyl phthalate	X	143	ug/L	160.0	ND	89	25-89		
Dimethyl phthalate	X	135	ug/L	160.0	ND	84	20-84		
Di-n-butyl phthalate	X	< 800	ug/L	160.0	ND		38-84		
Di-n-octyl phthalate	X	149	ug/L	160.0	ND	93	19-123		
Diphenylamine	X	140	ug/L	160.0	ND	88	22-102		
Fluoranthene	X	< 800	ug/L	160.0	ND		29-94		

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Laboratory Results

Semivolatile Organics - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B315325 - 04 SW 3510 (625/8270)									
Matrix Spike (B315325-MS1)		**Source: 3091055-02**		Prepared: 09/10/13 Analyzed: 09/21/13					
Fluorene	X	144	ug/L	160.0	ND	90	26-96		
Hexachlorobenzene	X	< 800	ug/L	160.0	ND		31-87		
Hexachlorobutadiene	X	< 800	ug/L	160.0	ND		31-82		
Hexachlorocyclopentadiene	X	< 800	ug/L	160.0	ND		10-159		
Hexachloroethane	X	< 800	ug/L	160.0	ND		20-82		
Indeno(1,2,3-cd)pyrene	X	107	ug/L	160.0	ND	67	23-91		
Isophorone	X	< 800	ug/L	160.0	ND		12-87		
Naphthalene	X	158	ug/L	160.0	ND	99	15-100		
Nitrobenzene	X	317	ug/L	160.0	82	147	26-82		
N-Nitrosodimethylamine	X	< 800	ug/L	160.0	ND		10-138		
N-Nitrosodi-n-propylamine	X	< 800	ug/L	160.0	ND		18-81		
Pentachlorophenol	X	230	ug/L	160.0	ND	144	23-104		
Phenanthrene	X	231	ug/L	160.0	ND	144	29-92		
Phenol	X	9650	ug/L	160.0	4470	NR	18-25		
Pyrene	X	136	ug/L	160.0	ND	85	26-95		
1,4-Dichlorobenzene-d4	X	3200	ug/L				0-200		
Naphthalene-d8	X	3200	ug/L				0-200		
Acenaphthene-d10	X	3200	ug/L				0-200		
Phenanthrene-d10	X	3200	ug/L				0-200		
Chrysene-d12	X	3200	ug/L				0-200		
Perylene-d12	X	3200	ug/L				0-200		
Surrogate: 2-Fluorophenol	*S, X*	*7.8*	*ug/L*	*160.0*		*5*	*10-101*		
Surrogate: Phenol- d5	*S, X*	*0.0*	*ug/L*	*160.0*			*10-154*		
Surrogate: Nitrobenzene-d5	*S, X*	*190*	*ug/L*	*160.0*		*116*	*10-119*		
Surrogate: 2-Fluorobiphenyl	*S, X*	*130*	*ug/L*	*160.0*		*83*	*10-98*		
Surrogate: 2,4,6-Tribromophenol	*S, X*	*49*	*ug/L*	*160.0*		*31*	*10-69*		
Surrogate: p-Terphenyl-d14	*S, X*	*140*	*ug/L*	*160.0*		*87*	*11-97*		

PDC Laboratories, Inc.
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(314) 432-0550 • (800) 333-FAST • FAX (314) 432-4977

Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Ed Galbraith

Date Received: 09/09/13 13:40
Report Date: 09/24/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Notes

This report shall not be reproduced, except in full, without the written approval of the laboratory.

PDC Laboratories participates in the following accreditation/certification and proficiency programs at the following locations. Endorsement by Federal or State Governments or their agencies is not implied.

PIA PDC Laboratories - Peoria, IL
NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications: Kansas (E-10338); Missouri (870); Wisconsin (998284430); Indiana (C-IL-040); Iowa (240)
Wastewater Certifications: Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
Hazardous/Solid Waste Certifications; Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
UST Certification; Iowa (240)

SPM PDC Laboratories - Springfield, MO
EPA DMR-QA Program

STL PDC Laboratories - St. Louis, MO
NELAC Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing
Drinking Water Certifications: Kansas (E-10389)

X Matrix spike diluted out, due to matrix.
S Surrogate compound diluted below a reliable quantitation level.
Q3 MS/MSD both failed %R
Q2 MSD failed %R
Q1 MS Failed %R
H Test performed after the expiration of the appropriate regulatory/advisory maximum allowable hold time.

Certified by: Roxann Shull, Client Services Supervisor

PDC Laboratories, Inc. – St. Louis
3278 N. Highway 67 (Lindbergh)
Florissant, MO 63033
www.pdclab.com

CHAIN OF CUSTODY RECORD

Phone (314) 432-0550 or (314) 921-4488
Fax (314) 432-4977

State where samples collected MO

(Instructions/Sample Acceptance Policy on Reverse)

ALL SHADED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT: BARR ENGINEERING
ADDRESS: 1001 DIAMOND RIDGE, SUITE 1100
CITY STATE ZIP: JEFF CITY, MO 65109
CONTACT PERSON: ED GALBRAITH 573-418-5562
PROJECT NUMBER:
P. O. NUMBER:
MEANS SHIPPED:
PHONE NUMBER:
FAX NUMBER:
EMAIL ADDRESS: egalbraith@barr.com
SAMPLER: WILLIAM AGERNATHY
SAMPLER'S SIGNATURE: [signature]

MATRIX TYPES:
WW-WASTEWATER
DW-DRINKING WATER
GW-GROUND WATER
WWSL-SLUDGE
NAS-SOLID
L'CHT-LEACHATE
NAL-NONAQUEOUS
SOIL-SOILS

4 (FOR LAB USE ONLY)
LOGIN # 3091053
LOGGED BY: HE
LAB PROJ. #
TEMPLATE:
PROJ. MGR.:

2 SAMPLE DESCRIPTION AS YOU WANT ON REPORT	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	Bottle Count	3 ANALYSIS REQUESTED: TOTAL SVOCs	TOTAL VOCs	TCLP VOCs	TOC	% SOLIDS			REMARKS
TCLP IV/IV A	9/6/13	1041	✓		LCHT	8	2	2	2	1	1			
TCLP IV/IV B	9/6/13	1057	✓		LCHT	4	2	2						
TCLP IV/IV C	9/6/13	1109	✓		LCHT	4	2	2						
TCLP IV/IV D	9/6/13	1123	✓		LCHT	4	2	2						
TRIP BLANK	—	—	—	—	DI	2		2						

5 TURNAROUND TIME (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)
NORMAL (8-10 Bus. Days) (RUSH (5 Bus. Days)) *Fastrak*™ (3 Bus. Days) 1-2 Bus. Days Same Day
DATE DUE _____
RESULTS BY: (E-MAIL) FAX PHONE CALL PHONE/FAX# IF DIFFERENT FROM ABOVE

6 The sample temperature will be measured upon receipt at the lab. By initialing this area, you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area, you allow the lab to proceed with analytical testing regardless of the sample temperature. _____

7 RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
[signature]	9/9/13	1225	Heather Gallant	9/9/13	12:25
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME

8 COMMENTS: (FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT 7.1 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N
SAMPLES(S) RECEIVED ON ICE Y OR N
PROPER BOTTLES RECEIVED IN GOOD CONDITION Y OR N
BOTTLES FILLED WITH ADEQUATE VOLUME Y OR N
SAMPLES RECEIVED WITHIN HOLD TIME(S) (EXCLUDES TYPICAL FIELD PARAMETERS) Y OR N
DATE AND TME TAKEN FROM SAMPLE BOTTLE

Thank you for using PDC Laboratories, Inc. Locations in Peoria, IL; St. Louis, MO; and Springfield, MO

SUBCONTRACT ORDER

PDC Laboratories, Inc.

3091053

Kit

SENDING LABORATORY:

___ PDC Laboratories, Inc, 2231 W Altorfer Peoria, IL 61615

___ PDC Laboratories, Inc, 1805 W Sunset, Springfield, MO 65807

X PDC Laboratories, Inc, 3278 N Highway 67, Florissant, MO 63033

Project Manager: Roxann Shull rshull@pdclab.com Phone: 314-595-7337

Date Shipped 9/9/13

RECEIVING LABORATORY:

PDC Laboratories, Inc.
PO Box 9071
Peoria, IL 61612-9071
Phone :(309) 692-9688

Sample Origin (State) MO

PO#

Total # of Containers 1

Analysis	Due	Expires	Comments
Sample ID: 3091053-01	**Water**	**Sampled:09/06/13 10:41**	
TOC	09/12/13 16:00	10/04/13 10:41	

Turn-Around Time Requested (circle one): NORMAL RUSH Date Results Needed: 9/12/13

Heather Earlart	9/9/13			Sample Temperature Upon Receipt	14 C
Relinquished By	Date/Time	Received By	Date/Time	Sample(s) Received on Ice	Y or N
				Proper Bottles Received in Good Condition	Y or N
				Bottles Filled with Adequate Volume	Y or N
Relinquished By	Date/Time	Received By	9/10/13 930 Date/Time	Samples Received Within Hold Time	Y or N
				Date/Time Taken From Sample Bottle	Y or N

Page 1 of 1

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/01/13 13:50
Report Date: 10/07/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3100267-01**
Sample Description: **TCLP w/o 9-30-13**

Collect Date: **10/01/13 12:13**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		10/04/13 05:55	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		10/04/13 05:55	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		10/04/13 05:55	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 250 ug/L		10/04/13 05:55	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,2-Dichloroethane	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 250 ug/L		10/04/13 05:55	BP	SW 8260B*	
1,4-Dichlorobenzene	150 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
1,4-Dioxane	< 1200 ug/L		10/04/13 05:55	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
2-Butanone	71000 ug/L		10/04/13 05:31	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
2-Chlorotoluene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
2-Hexanone	< 250 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	1700 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Acetone	120000 ug/L		10/04/13 05:31	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/01/13 13:50
Report Date: 10/07/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3100267-01**
Sample Description: **TCLP w/o 9-30-13**

Collect Date: **10/01/13 12:13**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Acetonitrile	< 1200 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Acrolein	< 1200 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Benzene	730 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Bromoform	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Carbon disulfide	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Chloroform	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Dibromochloromethane	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Ethyl methacrylate	< 120 ug/L		10/04/13 05:55	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Hexachlorobutadiene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Isobutanol	94000 ug/L		10/04/13 05:31	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
m,p-Xylene	< 250 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		10/04/13 05:55	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
MTBE	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Naphthalene	200 ug/L		10/04/13 05:55	BP	SW 8260B	04KS

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Bridgeton Landfill
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St. Louis, MO 63044
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Date Received: 10/01/13 13:50
Report Date: 10/07/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3100267-01**
Sample Description: **TCLP w/o 9-30-13**

Collect Date: **10/01/13 12:13**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
n-Butylbenzene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
n-Propylbenzene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
p-Isopropyl toluene	210 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Styrene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Tetrachloroethene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Toluene	120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B*	
Trichloroethene	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Trichlorofluoromethane	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Vinyl chloride	< 120 ug/L		10/04/13 05:55	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		10/04/13 05:55	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*88 % 65.6-134*		*10/04/13 05:55*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*95 % 61-140*		*10/04/13 05:55*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*82 % 75.4-120*		*10/04/13 05:55*	*BP*	*SW 8260B*	
Volatile Organics - TCLP - STL						
1,1-Dichloroethene	< 200 ug/L		10/04/13 00:40	BP	SW 8260B*	
1,2-Dichloroethane	< 200 ug/L		10/04/13 00:40	BP	SW 8260B*	
1,4-Dichlorobenzene	< 200 ug/L		10/04/13 00:40	BP	SW 8260B*	
2-Butanone	3200 ug/L		10/04/13 00:40	BP	SW 8260B*	
Benzene	< 200 ug/L		10/04/13 00:40	BP	SW 8260B*	
Carbon tetrachloride	< 200 ug/L		10/04/13 00:40	BP	SW 8260B*	
Chlorobenzene	< 200 ug/L		10/04/13 00:40	BP	SW 8260B*	
Chloroform	< 200 ug/L		10/04/13 00:40	BP	SW 8260B*	
Tetrachloroethene	< 200 ug/L		10/04/13 00:40	BP	SW 8260B*	
Trichloroethene	< 200 ug/L		10/04/13 00:40	BP	SW 8260B*	
Vinyl chloride	< 200 ug/L	Q1	10/04/13 00:40	BP	SW 8260B*	

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Bridgeton Landfill
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St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/01/13 13:50
Report Date: 10/07/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Sample No: **3100267-01**
Sample Description: **TCLP w/o 9-30-13**

Collect Date: **10/01/13 12:13**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method
Volatile Organics - TCLP - STL					
Surrogate: 1,2-Dichloroethane-d4	*90 % 56.1-142*		*10/04/13 00:40*	*BP*	*SW 8260B*
Surrogate: Toluene-d8	*82 % 68.1-121*		*10/04/13 00:40*	*BP*	*SW 8260B*
Surrogate: Bromofluorobenzene	*88 % 64.1-128*		*10/04/13 00:40*	*BP*	*SW 8260B*

Sample No: **3100267-02**
Sample Description: **TCLP w/o 9-30-13**

Collect Date: **10/01/13 12:13**
Matrix: **Non-Aqueous Liquid**

Parameters	Result	Qual	Analysis Date	Analyst	Method
General Chemistry - STL					
Solids - total solids (TS)	6.3 %		10/02/13 10:00	ACV	SM 2540G 18Ed*

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/01/13 13:50
Report Date: 10/07/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B316869 - 04-No Prep VOA								
Blank (B316869-BLK1)			Prepared: 10/03/13 Analyzed: 10/04/13					
1,1,1,2-Tetrachloroethane	< 5.0	ug/L						
1,1,1-Trichloroethane	< 5.0	ug/L						
1,1,2,2-Tetrachloroethane	< 5.0	ug/L						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 10	ug/L						
1,1,2-Trichloroethane	< 5.0	ug/L						
1,1-Dichloroethane	< 5.0	ug/L						
1,1-Dichloroethene	< 5.0	ug/L						
1,1-Dichloropropene	< 5.0	ug/L						
1,2,3-Trichlorobenzene	< 5.0	ug/L						
1,2,3-Trichloropropane	< 5.0	ug/L						
1,2,4-Trichlorobenzene	< 5.0	ug/L						
1,2,4-Trimethylbenzene	< 5.0	ug/L						
1,2-Dibromo-3-chloropropane	< 5.0	ug/L						
1,2-Dibromoethane	< 5.0	ug/L						
1,2-Dichloroethene- Total	< 10	ug/L						
1,2-Dichlorobenzene	< 5.0	ug/L						
1,2-Dichloroethane	< 5.0	ug/L						
1,2-Dichloropropane	< 5.0	ug/L						
1,3,5-Trimethylbenzene	< 5.0	ug/L						
1,3-Dichlorobenzene	< 5.0	ug/L						
1,3-Dichloropropane	< 5.0	ug/L						
1,3-Dichloropropene - Total	< 10	ug/L						
1,4-Dichlorobenzene	< 5.0	ug/L						
1,4-Dioxane	< 50	ug/L						
2,2-Dichloropropane	< 5.0	ug/L						
2-Butanone	< 10	ug/L						
2-Chloroethylvinyl ether	< 5.0	ug/L						
2-Chlorotoluene	< 5.0	ug/L						
2-Hexanone	< 10	ug/L						
2-Nitropropane	< 10	ug/L						
4-Chlorotoluene	< 5.0	ug/L						
4-Methyl-2-pentanone (MIBK)	< 10	ug/L						
Acetone	< 10	ug/L						
Acetonitrile	< 50	ug/L						
Acrolein	< 50	ug/L						
Acrylonitrile	< 10	ug/L						
Allyl Chloride	< 5.0	ug/L						
Benzene	< 5.0	ug/L						

PDC Laboratories, Inc.
3278 N Highway 67 • Florissant, MO 63033
(314) 432-0550 • (800) 333-FAST • FAX (314) 432-4977

Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/01/13 13:50
Report Date: 10/07/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B316869 - 04-No Prep VOA								
Blank (B316869-BLK1)			Prepared: 10/03/13 Analyzed: 10/04/13					
Bromobenzene	< 5.0	ug/L						
Bromochloromethane	< 5.0	ug/L						
Bromodichloromethane	< 5.0	ug/L						
Bromoform	< 5.0	ug/L						
Bromomethane	< 10	ug/L						
Carbon disulfide	< 5.0	ug/L						
Carbon tetrachloride	< 5.0	ug/L						
Chlorobenzene	< 5.0	ug/L						
Chloroethane	< 10	ug/L						
Chloroform	< 5.0	ug/L						
Chloromethane	< 10	ug/L						
cis-1,2-Dichloroethene	< 5.0	ug/L						
cis-1,3-Dichloropropene	< 5.0	ug/L						
Dibromochloromethane	< 5.0	ug/L						
Dibromomethane	< 5.0	ug/L						
Dichlorodifluoromethane	< 10	ug/L						
Ethyl methacrylate	< 5.0	ug/L						
Ethylbenzene	< 5.0	ug/L						
Hexachlorobutadiene	< 5.0	ug/L						
Iodomethane	< 10	ug/L						
Isobutanol	< 50	ug/L						
Isopropylbenzene	< 5.0	ug/L						
m,p-Xylene	< 10	ug/L						
Methacrylonitrile	< 5.0	ug/L						
Methyl methacrylate	< 5.0	ug/L						
Methylene chloride	< 5.0	ug/L						
MTBE	< 5.0	ug/L						
Naphthalene	< 5.0	ug/L						
n-Butylbenzene	< 5.0	ug/L						
n-Propylbenzene	< 5.0	ug/L						
o-Xylene	< 5.0	ug/L						
p-Isopropyl toluene	< 5.0	ug/L						
Propionitrile	< 10	ug/L						
sec-Butylbenzene	< 5.0	ug/L						
Styrene	< 5.0	ug/L						
tert-Butylbenzene	< 5.0	ug/L						
Tetrachloroethene	< 5.0	ug/L						
Toluene	< 5.0	ug/L						
trans-1,2-Dichloroethene	< 5.0	ug/L						

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Laboratory Results

Volatile Organics - Quality Control

Analyte	Result		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B316869 - 04-No Prep VOA									
Blank (B316869-BLK1)				Prepared: 10/03/13 Analyzed: 10/04/13					
trans-1,3-Dichloropropene	< 5.0		ug/L						
trans-1,4-Dichloro-2-butene	< 5.0		ug/L						
Trichloroethene	< 5.0		ug/L						
Trichlorofluoromethane	< 5.0		ug/L						
Vinyl acetate	< 10		ug/L						
Vinyl chloride	< 5.0		ug/L						
Xylenes- Total	< 15		ug/L						
Surrogate: 1,2-Dichloroethane-d4		*29.1*	*ug/L*	*30.00*		*97*	*65.6-134*		
Surrogate: Bromofluorobenzene		*26.4*	*ug/L*	*30.00*		*88*	*61-140*		
Surrogate: Toluene-d8		*24.5*	*ug/L*	*30.00*		*82*	*75.4-120*		
LCS (B316869-BS1)				Prepared: 10/03/13 Analyzed: 10/04/13					
1,1,1-Trichloroethane	20		ug/L	20.00		100	75-125		
1,1,2,2-Tetrachloroethane	17		ug/L	20.00		84	73-129		
1,1,2-Trichloroethane	20		ug/L	20.00		99	73-129		
1,1-Dichloroethane	21		ug/L	20.00		104	75-140		
1,1-Dichloroethene	20		ug/L	20.00		101	71-136		
1,2-Dichlorobenzene	18		ug/L	20.00		90	70-122		
1,2-Dichloroethane	20		ug/L	20.00		98	77-126		
1,2-Dichloropropane	20		ug/L	20.00		101	80-126		
1,3-Dichlorobenzene	19		ug/L	20.00		93	77-125		
1,4-Dichlorobenzene	19		ug/L	20.00		96	74-119		
2-Chloroethylvinyl ether	20		ug/L	20.00		100	59-127		
Acrolein	216		ug/L	200.0		108	36-139		
Acrylonitrile	26		ug/L	20.00		129	43-133		
Benzene	20		ug/L	20.00		102	75-123		
Bromodichloromethane	20		ug/L	20.00		98	72-126		
Bromoform	19		ug/L	20.00		96	50-121		
Bromomethane	17		ug/L	20.00		87	19-149		
Carbon tetrachloride	19		ug/L	20.00		95	75-123		
Chlorobenzene	20		ug/L	20.00		102	76-121		
Chloroethane	18		ug/L	20.00		88	24-151		
Chloroform	21		ug/L	20.00		103	73-136		
Chloromethane	17		ug/L	20.00		84	44-126		
cis-1,3-Dichloropropene	20		ug/L	20.00		100	79-121		
Dibromochloromethane	21		ug/L	20.00		104	73-122		
Ethylbenzene	21		ug/L	20.00		103	76-129		
m,p-Xylene	42		ug/L	40.00		105	71-123		
Methylene chloride	19		ug/L	20.00		97	76-143		
o-Xylene	21		ug/L	20.00		107	72-123		

3100267

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/01/13 13:50
Report Date: 10/07/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Volatile Organics - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B316869 - 04-No Prep VOA									
LCS (B316869-BS1)				Prepared: 10/03/13 Analyzed: 10/04/13					
Tetrachloroethene		21	ug/L	20.00		106	53-147		
Toluene		20	ug/L	20.00		101	75-128		
trans-1,2-Dichloroethene		19	ug/L	20.00		94	72-136		
trans-1,3-Dichloropropene		21	ug/L	20.00		105	72-120		
Trichloroethene		22	ug/L	20.00		112	74-131		
Trichlorofluoromethane		22	ug/L	20.00		109	68-134		
Vinyl chloride		21	ug/L	20.00		107	48-129		
Surrogate: 1,2-Dichloroethane-d4		*27.5*	*ug/L*	*30.00*		*92*	*60.5-136*		
Surrogate: Bromofluorobenzene		*25.5*	*ug/L*	*30.00*		*85*	*71.3-122*		
Surrogate: Toluene-d8		*25.6*	*ug/L*	*30.00*		*85*	*71.9-118*		
Matrix Spike (B316869-MS1)		**Source: 3100520-06**		Prepared: 10/03/13 Analyzed: 10/04/13					
1,1,1-Trichloroethane		10	ug/L	20.00	ND	49	27-153		
1,1,2,2-Tetrachloroethane		16	ug/L	20.00	ND	79	32-186		
1,1,2-Trichloroethane		19	ug/L	20.00	ND	95	38-171		
1,1-Dichloroethane		17	ug/L	20.00	ND	84	39-162		
1,1-Dichloroethene		7	ug/L	20.00	ND	37	25-172		
1,2-Dichlorobenzene		17	ug/L	20.00	ND	83	57-129		
1,2-Dichloroethane		19	ug/L	20.00	ND	94	60-135		
1,2-Dichloropropane		18	ug/L	20.00	ND	91	55-140		
1,3-Dichlorobenzene		17	ug/L	20.00	ND	83	53-133		
1,4-Dichlorobenzene		18	ug/L	20.00	ND	88	61-125		
Acrolein	Q3	4	ug/L	200.0	ND	2	25-187		
Acrylonitrile		22	ug/L	20.00	ND	111	39-135		
Benzene		16	ug/L	20.00	ND	81	39-150		
Bromodichloromethane		22	ug/L	20.00	4	91	58-135		
Bromoform		17	ug/L	20.00	ND	87	34-123		
Bromomethane		20	ug/L	20.00	ND	100	25-148		
Carbon tetrachloride		8	ug/L	20.00	ND	40	25-157		
Chlorobenzene		18	ug/L	20.00	ND	90	59-131		
Chloroethane	Q3	< 10	ug/L	20.00	ND		25-154		
Chloroform		54	ug/L	20.00	39	75	48-153		
Chloromethane		14	ug/L	20.00	ND	68	25-150		
cis-1,3-Dichloropropene		17	ug/L	20.00	ND	85	60-131		
Dibromochloromethane		20	ug/L	20.00	ND	99	57-130		
Ethylbenzene		15	ug/L	20.00	ND	76	42-146		
m,p-Xylene		15	ug/L	40.00	ND	37	37-143		
Methylene chloride		16	ug/L	20.00	ND	79	52-162		
o-Xylene		16	ug/L	20.00	ND	78	46-139		
Tetrachloroethene		6	ug/L	20.00	ND	30	25-134		

3100267

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/01/13 13:50
Report Date: 10/07/13
Customer #: 277310
PO#: 3496416

Laboratory Results

Volatile Organics - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B316869 - 04-No Prep VOA									
Matrix Spike (B316869-MS1)		**Source: 3100520-06**		Prepared: 10/03/13 Analyzed: 10/04/13					
Toluene		17	ug/L	20.00	ND	83	25-167		
trans-1,2-Dichloroethene		14	ug/L	20.00	ND	68	29-156		
trans-1,3-Dichloropropene		18	ug/L	20.00	ND	92	57-123		
Trichloroethene		16	ug/L	20.00	ND	78	38-149		
Trichlorofluoromethane	Q3	4	ug/L	20.00	ND	22	25-176		
Vinyl chloride	Q3	< 5.0	ug/L	20.00	ND		25-156		
Surrogate: 1,2-Dichloroethane-d4		*28.2*	*ug/L*	*30.00*		*94*	*58.5-136*		
Surrogate: Bromofluorobenzene		*26.6*	*ug/L*	*30.00*		*89*	*56.9-139*		
Surrogate: Toluene-d8		*25.5*	*ug/L*	*30.00*		*85*	*72.4-120*		
Matrix Spike Dup (B316869-MSD1)		**Source: 3100520-06**		Prepared: 10/03/13 Analyzed: 10/04/13					
1,1,1-Trichloroethane		7	ug/L	20.00	ND	35	27-153	34	40
1,1,2,2-Tetrachloroethane		14	ug/L	20.00	ND	69	32-186	12	40
1,1,2-Trichloroethane		15	ug/L	20.00	ND	74	38-171	24	40
1,1-Dichloroethane		12	ug/L	20.00	ND	59	39-162	35	40
1,1-Dichloroethene		5	ug/L	20.00	ND	27	25-172	30	40
1,2-Dichlorobenzene		14	ug/L	20.00	ND	68	57-129	20	40
1,2-Dichloroethane		14	ug/L	20.00	ND	70	60-135	29	40
1,2-Dichloropropane		14	ug/L	20.00	ND	72	55-140	23	40
1,3-Dichlorobenzene		14	ug/L	20.00	ND	71	53-133	15	40
1,4-Dichlorobenzene		15	ug/L	20.00	ND	73	61-125	18	40
Acrolein	Q3	3	ug/L	200.0	ND	1	25-187	45	40
Acrylonitrile		17	ug/L	20.00	ND	84	39-135	27	40
Benzene		13	ug/L	20.00	ND	64	39-150	23	40
Bromodichloromethane		17	ug/L	20.00	4	65	58-135	27	40
Bromoform		13	ug/L	20.00	ND	67	34-123	26	40
Bromomethane		20	ug/L	20.00	ND	100	25-148	0.6	40
Carbon tetrachloride		6	ug/L	20.00	ND	30	25-157	29	40
Chlorobenzene		15	ug/L	20.00	ND	75	59-131	17	40
Chloroethane	Q3	< 10	ug/L	20.00	ND		25-154		40
Chloroform	Q2	39	ug/L	20.00	39	NR	48-153	33	40
Chloromethane		11	ug/L	20.00	ND	57	25-150	18	40
cis-1,3-Dichloropropene		13	ug/L	20.00	ND	67	60-131	23	40
Dibromochloromethane		15	ug/L	20.00	ND	77	57-130	25	40
Ethylbenzene		13	ug/L	20.00	ND	64	42-146	17	40
m,p-Xylene	Q2	12	ug/L	40.00	ND	31	37-143	18	40
Methylene chloride		12	ug/L	20.00	ND	61	52-162	26	40
o-Xylene		13	ug/L	20.00	ND	64	46-139	21	40
Tetrachloroethene		6	ug/L	20.00	ND	28	25-134	8	40
Toluene		14	ug/L	20.00	ND	70	25-167	16	40

3100267

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Laboratory Results

Volatile Organics - Quality Control

Analyte		Result		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B316869 - 04-No Prep VOA										
Matrix Spike Dup (B316869-MSD1)		**Source: 3100520-06**			Prepared: 10/03/13 Analyzed: 10/04/13					
trans-1,2-Dichloroethene		10		ug/L	20.00	ND	50	29-156	31	40
trans-1,3-Dichloropropene		14		ug/L	20.00	ND	72	57-123	24	40
Trichloroethene		12		ug/L	20.00	ND	58	38-149	30	40
Trichlorofluoromethane	Q3	3		ug/L	20.00	ND	17	25-176	28	40
Vinyl chloride	Q3	< 5.0		ug/L	20.00	ND		25-156		40
Surrogate: 1,2-Dichloroethane-d4			*35.2*	*ug/L*	*30.00*		*117*	*58.5-136*		
Surrogate: Bromofluorobenzene			*35.1*	*ug/L*	*30.00*		*117*	*56.9-139*		
Surrogate: Toluene-d8			*31.8*	*ug/L*	*30.00*		*106*	*72.4-120*		

Volatile Organics - TCLP - Quality Control

Analyte	Result		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B316957 - 04-No Prep VOA									
Blank (B316957-BLK1)				Prepared & Analyzed: 10/03/13					
1,1-Dichloroethene	< 5.0		ug/L						
1,2-Dichloroethane	< 5.0		ug/L						
1,4-Dichlorobenzene	< 5.0		ug/L						
2-Butanone	< 10		ug/L						
Benzene	< 5.0		ug/L						
Carbon tetrachloride	< 5.0		ug/L						
Chlorobenzene	< 5.0		ug/L						
Chloroform	< 5.0		ug/L						
Tetrachloroethene	< 5.0		ug/L						
Trichloroethene	< 5.0		ug/L						
Vinyl chloride	< 5.0		ug/L						
Surrogate: 1,2-Dichloroethane-d4		*27.6*	*ug/L*	*30.00*		*92*	*56.1-142*		
Surrogate: Toluene-d8		*24.2*	*ug/L*	*30.00*		*81*	*68.1-121*		
Surrogate: Bromofluorobenzene		*26.3*	*ug/L*	*30.00*		*88*	*64.1-128*		
LCS (B316957-BS1)				Prepared & Analyzed: 10/03/13					
1,1-Dichloroethene	19		ug/L	20.00		94	83-127		
1,2-Dichloroethane	20		ug/L	20.00		102	82-120		
1,4-Dichlorobenzene	19		ug/L	20.00		95	72-122		
2-Butanone	20		ug/L	20.00		101	49-139		
Benzene	20		ug/L	20.00		98	76-121		
Carbon tetrachloride	19		ug/L	20.00		95	86-120		
Chlorobenzene	20		ug/L	20.00		102	78-116		
Chloroform	20		ug/L	20.00		101	80-125		

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Laboratory Results

Volatile Organics - TCLP - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B316957 - 04-No Prep VOA									
LCS (B316957-BS1)				Prepared & Analyzed: 10/03/13					
Tetrachloroethene		20	ug/L	20.00		102	55-134		
Trichloroethene		22	ug/L	20.00		111	78-128		
Vinyl chloride		20	ug/L	20.00		101	50-141		
Surrogate: 1,2-Dichloroethane-d4		*29.5*	*ug/L*	*30.00*		*98*	*64.1-142*		
Surrogate: Toluene-d8		*24.8*	*ug/L*	*30.00*		*83*	*73.2-121*		
Surrogate: Bromofluorobenzene		*26.6*	*ug/L*	*30.00*		*89*	*70.8-124*		
Matrix Spike (B316957-MS1)		**Source: 3100267-01**		Prepared: 10/03/13 Analyzed: 10/04/13					
1,1-Dichloroethene		235	ug/L	800.0	ND	29	25-155		
1,2-Dichloroethane		673	ug/L	800.0	ND	84	72-122		
1,4-Dichlorobenzene		625	ug/L	800.0	ND	78	59-119		
2-Butanone		4690	ug/L	800.0	3230	183	25-232		
Benzene		516	ug/L	800.0	24	62	33-127		
Carbon tetrachloride		219	ug/L	800.0	ND	27	25-148		
Chlorobenzene		588	ug/L	800.0	ND	73	53-119		
Chloroform		575	ug/L	800.0	ND	72	50-129		
Tetrachloroethene		223	ug/L	800.0	ND	28	25-142		
Trichloroethene		487	ug/L	800.0	ND	61	25-157		
Vinyl chloride	Q1	82	ug/L	800.0	ND	10	25-147		
Surrogate: 1,2-Dichloroethane-d4		*28.1*	*ug/L*	*30.00*		*94*	*55.8-141*		
Surrogate: Toluene-d8		*25.2*	*ug/L*	*30.00*		*84*	*68.5-119*		
Surrogate: Bromofluorobenzene		*26.8*	*ug/L*	*30.00*		*89*	*62.3-130*		

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Laboratory Results

Notes

This report shall not be reproduced, except in full, without the written approval of the laboratory.

PDC Laboratories participates in the following accreditation/certification and proficiency programs at the following locations. Endorsement by Federal or State Governments or their agencies is not implied.

PIA PDC Laboratories - Peoria, IL
NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications: Kansas (E-10338); Missouri (870); Wisconsin (998284430); Indiana (C-IL-040); Iowa (240)
Wastewater Certifications: Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
Hazardous/Solid Waste Certifications; Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
UST Certification; Iowa (240)
SPM PDC Laboratories - Springfield, MO
EPA DMR-QA Program
STL PDC Laboratories - St. Louis, MO
NELAC Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing
Drinking Water Certifications: Kansas (E-10389)

Q3 MS/MSD both failed %R
Q2 MSD failed %R
Q1 MS Failed %R

Certified by: Roxann Shull, Client Services Supervisor

PDC Laboratories, Inc. – St. Louis
3278 N. Highway 67 (Lindbergh)
Florissant, MO 63033
www.pdclab.com

CHAIN OF CUSTODY RECORD

Phone (314) 432-0550 or (314) 921-4488
Fax (314) 432-4977

State where samples collected MO

(Instructions/Sample Acceptance Policy on Reverse)

ALL SHADED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1

CLIENT: BARR ENGINEERING
ADDRESS: 1001 DIAMOND RIDGE, SUITE 1100
CITY, STATE, ZIP: JEFF CITY, MO 65109
CONTACT PERSON: ED GALBRAITH
PROJECT NUMBER:
P.O. NUMBER:
MEANS SHIPPED:
PHONE NUMBER:
FAX NUMBER:
EMAIL ADDRESS: egalbraith@barr.com
SAMPLER: WILLIAM ABERNATHY
SAMPLER'S SIGNATURE: [signature]

MATRIX TYPES:
WW-WASTEWATER
DW-DRINKING WATER
GW-GROUND WATER
WWSL-SLUDGE
NAS-SOLID
L'CHT-LEACHATE
NAL-NONAQUEOUS
SOIL-SOILS

3 ANALYSIS REQUESTED

4 (FOR LAB USE ONLY)
LOGIN # 3100267
LOGGED BY: HE
LAB PROJ. #
TEMPLATE:
PROJ. MGR.:

2

SAMPLE DESCRIPTION AS YOU WANT ON REPORT	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	Bottle Count	% SOLIDS	TCLP VOCS 8260	VOCS					REMARKS
TCLP W/O 9-30-13	10/1/13	1213	✓		LCHT	7	1	3	3					

5 TURNAROUND TIME (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)
NORMAL (8-10 Bus. Days) RUSH (5 Bus. Days) *Fastrak*™ (3 Bus. Days) 1-2 Bus. Days Same Day
DATE DUE _____
RESULTS BY: E-MAIL FAX PHONE CALL PHONE/FAX# IF DIFFERENT FROM ABOVE

6 The sample temperature will be measured upon receipt at the lab. By initialing this area, you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area, you allow the lab to proceed with analytical testing regardless of the sample temperature. _____

7

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
[signature]	10/1/13	1350	[signature]	10/1/13	13:50
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME

8 COMMENTS:(FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT 21 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N
SAMPLES(S) RECEIVED ON ICE Y OR N
PROPER BOTTLES RECEIVED IN GOOD CONDITION Y OR N
BOTTLES FILLED WITH ADEQUATE VOLUME Y OR N
SAMPLES RECEIVED WITHIN HOLD TIME(S) (EXCLUDES TYPICAL FIELD PARAMETERS) Y OR N
DATE AND TME TAKEN FROM SAMPLE BOTTLE

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PDC Laboratories, Inc.
3278 N Highway 67 • Florissant, MO 63033
(314) 432-0550 • (800) 333-FAST • FAX (314) 432-4977

Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/08/13 12:40
Report Date: 10/18/13
Customer #: 277310

Laboratory Results

Sample No: **3101243-01**
Sample Description: **Kitchen Tap**

Collect Date: **10/08/13 10:44**
Matrix: **Drinking Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Anions - STL						
Chloride	23 mg/L		10/10/13 12:52	DWM	EPA 300.0 R2.1	04KS
Fluoride	0.74 mg/L		10/08/13 20:40	DWM	EPA 300.0 R2.1*	
Nitrate-N	< 0.50 mg/L		10/08/13 20:40	DWM	EPA 300.0 R2.1	04KS
Sulfate	96 mg/L		10/10/13 13:11	DWM	EPA 300.0 R2.1	04KS
General Chemistry - STL						
Alkalinity - bicarbonate as CaCO3	28 mg/L		10/17/13 11:00	ACV	SM 2320B 18Ed*	
Alkalinity - carbonate as CaCO3	32 mg/L		10/17/13 11:00	ACV	SM 2320B 18Ed*	
Alkalinity - hydroxide as CaCO3	< 2.0 mg/L		10/17/13 11:00	ACV	SM 2320B 18Ed*	
Alkalinity - total as CaCO3	62 mg/L		10/08/13 15:30	ACV	SM 2320B 18Ed*	
Conductivity	600 umhos/cm		10/08/13 15:10	DAW	SM 2510B 18Ed*	
pH	9.4 pH Units	H	10/08/13 14:30	ACV	SM 4500-H B 18Ed - EPA 150.1 - SW 9040B	04KS
Solids - total dissolved solids (TDS)	400 mg/L		10/09/13 16:30	DAW	SM 2540C 18Ed*	
Nutrients - STL						
Ammonia-N	0.45 mg/L		10/09/13 13:30	ACV	SM(18) 4500 NH3 F	04KS
Phosphorus - ortho as P	< 0.050 mg/L	H	10/10/13 11:30	ACV	SM 4500P B E 18ed*	
Phosphorus - total as P	< 5.0 mg/L		10/10/13 11:30	ACV	SM 4500P B E 18ed	04KS
Total Metals - STL						
Silicon as SiO2	7.5 mg/L		10/11/13 10:08	WPS	EPA 200.7 R4.4	
Silicon	3.5 mg/L		10/11/13 10:08	WPS	EPA 200.7 R4.4*	
Arsenic	< 0.015 mg/L		10/11/13 10:08	WPS	EPA 200.7 R4.4	04KS
Hardness	180 mg/L		10/11/13 10:03	WPS	SM 2340B	
Boron	0.13 mg/L		10/11/13 10:08	WPS	EPA 200.7 R4.4*	
Calcium	26 mg/L		10/11/13 10:03	WPS	EPA 200.7 R4.4	04KS
Iron	< 0.010 mg/L		10/11/13 10:08	WPS	EPA 200.7 R4.4	04KS
Magnesium	27 mg/L		10/11/13 10:03	WPS	EPA 200.7 R4.4	04KS
Manganese	0.040 mg/L		10/11/13 10:08	WPS	EPA 200.7 R4.4	04KS
Potassium	7.6 mg/L		10/11/13 10:08	WPS	EPA 200.7 R4.4*	
Sodium	87 mg/L		10/11/13 10:03	WPS	EPA 200.7 R4.4*	

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Laboratory Results

General Chemistry - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B317231 - 04-No Prep WC								
LCS (B317231-BS1)			Prepared & Analyzed: 10/08/13					
Conductivity	1430	umhos/cm	1413		101	90-110		
Duplicate (B317231-DUP1)	**Source: 3101243-01**		Prepared & Analyzed: 10/08/13					
Conductivity	603	umhos/cm		602			0.2	20
Batch B317310 - 04-No Prep WC								
Blank (B317310-BLK1)			Prepared & Analyzed: 10/08/13					
Alkalinity - total as CaCO3	< 2.0	mg/L						
LCS (B317310-BS1)			Prepared & Analyzed: 10/08/13					
Alkalinity - total as CaCO3	1000	mg/L	1000		100	90-110		
Duplicate (B317310-DUP1)	**Source: 3101243-01**		Prepared & Analyzed: 10/08/13					
Alkalinity - total as CaCO3	62.0	mg/L		62.0			0	20
Batch B317328 - 04-No Prep WC								
Blank (B317328-BLK1)			Prepared & Analyzed: 10/09/13					
Solids - total dissolved solids (TDS)	< 17	mg/L						
LCS (B317328-BS1)			Prepared & Analyzed: 10/09/13					
Solids - total dissolved solids (TDS)	978	mg/L	1000		98	75.1-119		
Duplicate (B317328-DUP1)	**Source: 3101243-01**		Prepared & Analyzed: 10/09/13					
Solids - total dissolved solids (TDS)	398	mg/L		397			0.3	5
Batch B317453 - 04-No Prep WC								
Calibration Check (B317453-CCV1)			Prepared & Analyzed: 10/08/13					
pH	7.01	pH Units	7.000		100	0-200		
Duplicate (B317453-DUP1)	**Source: 3101243-01**		Prepared & Analyzed: 10/08/13					
pH	9.41	pH Units		9.39			0.2	10
Batch B317854 - 04-No Prep WC								
Blank (B317854-BLK1)			Prepared & Analyzed: 10/17/13					
Alkalinity - hydroxide as CaCO3	< 2.0	mg/L						
Alkalinity - bicarbonate as CaCO3	< 2.0	mg/L						
Alkalinity - carbonate as CaCO3	< 2.0	mg/L						
Duplicate (B317854-DUP1)	**Source: 3101243-01**		Prepared & Analyzed: 10/17/13					
Alkalinity - bicarbonate as CaCO3	28.0	mg/L		28.0			0	20
Alkalinity - hydroxide as CaCO3	< 2.0	mg/L		ND				20
Alkalinity - carbonate as CaCO3	32.0	mg/L		32.0			0	20

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Customer #: 277310

Laboratory Results

Nutrients - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B317373 - 04-No Prep WC									
Calibration Blank (B317373-CCB1)				Prepared & Analyzed: 10/09/13					
Ammonia-N		0.00300	mg/L						
Calibration Check (B317373-CCV1)				Prepared & Analyzed: 10/09/13					
Ammonia-N		10.2	mg/L	10.00		102	90-110		
Duplicate (B317373-DUP1)		**Source: 3101249-03**		Prepared & Analyzed: 10/09/13					
Ammonia-N		1.73	mg/L		1.82			5	20
Matrix Spike (B317373-MS1)		**Source: 3101230-02**		Prepared & Analyzed: 10/09/13					
Ammonia-N		12.2	mg/L	10.00	2.86	93	80-120		
Matrix Spike Dup (B317373-MSD1)		**Source: 3101230-02**		Prepared & Analyzed: 10/09/13					
Ammonia-N		12.4	mg/L	10.00	2.86	95	80-120	2	20
Batch B317457 - 04-No Prep WC									
Calibration Blank (B317457-CCB1)				Prepared & Analyzed: 10/10/13					
Phosphorus - ortho as P		0.00200	mg/L						
Calibration Check (B317457-CCV1)				Prepared & Analyzed: 10/10/13					
Phosphorus - ortho as P		0.502	mg/L	0.5000		100	90-110		
Matrix Spike (B317457-MS1)		**Source: 3101243-01**		Prepared & Analyzed: 10/10/13					
Phosphorus - ortho as P		0.506	mg/L	0.5000	0.0310	95	80-120		
Matrix Spike Dup (B317457-MSD1)		**Source: 3101243-01**		Prepared & Analyzed: 10/10/13					
Phosphorus - ortho as P		0.493	mg/L	0.5000	0.0310	92	80-120	3	20
Batch B317460 - 04-No Prep WC									
Blank (B317460-BLK1)				Prepared & Analyzed: 10/10/13					
Phosphorus - total as P		< 0.050	mg/L						
LCS (B317460-BS1)				Prepared & Analyzed: 10/10/13					
Phosphorus - total as P		0.500	mg/L	0.5000		100	80-120		
Matrix Spike (B317460-MS1)		**Source: 3100186-01**		Prepared & Analyzed: 10/10/13					
Phosphorus - total as P	Q3	6.70	mg/L	0.5000	2.70	800	80-120		
Matrix Spike Dup (B317460-MSD1)		**Source: 3100186-01**		Prepared & Analyzed: 10/10/13					
Phosphorus - total as P	Q3	6.20	mg/L	0.5000	2.70	700	80-120	8	20

Total Metals - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B317381 - 04 EPA 200.2 R2.8								

3101243

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Date Received: 10/08/13 12:40
Report Date: 10/18/13
Customer #: 277310

Laboratory Results

Total Metals - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Blank (B317381-BLK1)				Prepared: 10/10/13 Analyzed: 10/11/13					
Silicon		< 0.050	mg/L						
Arsenic		< 0.015	mg/L						
Boron		< 0.050	mg/L						
Calcium		< 0.095	mg/L						
Iron		< 0.010	mg/L						
Magnesium		< 0.050	mg/L						
Manganese		< 0.0030	mg/L						
Potassium		< 0.050	mg/L						
Sodium		< 0.20	mg/L						
LCS (B317381-BS1)				Prepared: 10/10/13 Analyzed: 10/11/13					
Silicon		0.519	mg/L	0.5000		104	85-115		
Arsenic		0.0865	mg/L	0.1000		86	85-115		
Boron		0.104	mg/L	0.1000		104	85-115		
Calcium		0.107	mg/L	0.1000		107	85-115		
Iron		0.102	mg/L	0.1000		102	85-115		
Magnesium		0.112	mg/L	0.1000		112	85-115		
Manganese		0.104	mg/L	0.1000		104	85-115		
Potassium		0.555	mg/L	0.5000		111	85-115		
Sodium		0.127	mg/L				85-115		
LCS (B317381-BS2)				Prepared: 10/10/13 Analyzed: 10/11/13					
Silicon		< 0.050	mg/L				85-115		
Arsenic		< 0.015	mg/L				85-115		
Boron		< 0.050	mg/L				85-115		
Calcium		< 0.095	mg/L				85-115		
Iron		< 0.010	mg/L				85-115		
Magnesium		< 0.050	mg/L				85-115		
Manganese		0.00111	mg/L				85-115		
Potassium		0.0125	mg/L				85-115		
Sodium		0.551	mg/L	0.5000		110	85-115		
Matrix Spike (B317381-MS1)		**Source: 3101341-01**		Prepared: 10/10/13 Analyzed: 10/11/13					
Silicon		3.45	mg/L	0.5000	2.91	108	70-130		
Arsenic		0.105	mg/L	0.1000	ND	105	70-130		
Boron		0.174	mg/L	0.1000	0.0608	114	70-130		
Calcium	Q4	23.2	mg/L	0.1000	23.3	NR	70-130		
Iron		0.540	mg/L	0.1000	0.413	126	70-130		
Magnesium	Q4	17.4	mg/L	0.1000	17.5	NR	70-130		
Manganese		0.128	mg/L	0.1000	0.0273	101	70-130		
Potassium	Q4	8.36	mg/L	0.5000	7.63	146	70-130		
Sodium	Q4	17.9	mg/L		18.1		70-130		

3101243

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St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/08/13 12:40
Report Date: 10/18/13
Customer #: 277310

Laboratory Results

Total Metals - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B317381 - 04 EPA 200.2 R2.8									
Matrix Spike Dup (B317381-MSD1)		**Source: 3101341-01**		Prepared: 10/10/13 Analyzed: 10/11/13					
Silicon		3.40	mg/L	0.5000	2.91	98	70-130	1	20
Arsenic		0.107	mg/L	0.1000	ND	107	70-130	3	20
Boron		0.172	mg/L	0.1000	0.0608	111	70-130	1	20
Calcium	Q4	23.3	mg/L	0.1000	23.3	NR	70-130	0.2	20
Iron		0.510	mg/L	0.1000	0.413	96	70-130	6	20
Magnesium	Q4	17.4	mg/L	0.1000	17.5	NR	70-130	0.07	20
Manganese		0.126	mg/L	0.1000	0.0273	99	70-130	2	20
Potassium	Q4	8.25	mg/L	0.5000	7.63	123	70-130	1	20
Sodium	Q4	17.7	mg/L		18.1		70-130	1	20

Anions - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B317214 - 04-IC No Prep									
Calibration Blank (B317214-CCB1)				Prepared & Analyzed: 10/08/13					
Fluoride		0.00	mg/L						
Nitrate-N		0.00	mg/L						
Calibration Check (B317214-CCV1)				Prepared & Analyzed: 10/08/13					
Fluoride		3.47	mg/L	3.500		99	90-110		
Nitrate-N		3.25	mg/L	3.500		93	90-110		
Matrix Spike (B317214-MS1)		**Source: 3100915-01**		Prepared & Analyzed: 10/08/13					
Fluoride		7.34	mg/L	4.000	3.68	92	80-120		
Nitrate-N		4.6	mg/L	4.518	ND	101	80-120		
Matrix Spike Dup (B317214-MSD1)		**Source: 3100915-01**		Prepared & Analyzed: 10/08/13					
Nitrate-N		4.7	mg/L	4.518	ND	105	80-120	3	20
Fluoride		7.36	mg/L	4.000	3.68	92	80-120	0.2	20
Batch B317434 - 04-IC No Prep									
Calibration Blank (B317434-CCB1)				Prepared & Analyzed: 10/10/13					
Sulfate		0.00	mg/L						
Chloride		0.235	mg/L						
Calibration Check (B317434-CCV1)				Prepared & Analyzed: 10/10/13					
Chloride		3.40	mg/L	3.500		97	90-110		
Sulfate		3.49	mg/L	3.500		100	90-110		
Matrix Spike (B317434-MS1)		**Source: 3101243-01**		Prepared & Analyzed: 10/10/13					
Chloride		160	mg/L	150.0	23	89	80-120		

3101243

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Date Received: 10/08/13 12:40
Report Date: 10/18/13
Customer #: 277310

Laboratory Results

Anions - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B317434 - 04-IC No Prep								
Matrix Spike (B317434-MS1)	**Source: 3101243-01**		Prepared & Analyzed: 10/10/13					
Sulfate	933	mg/L	750.0	96.0	112	80-120		
Matrix Spike Dup (B317434-MSD1)	**Source: 3101243-01**		Prepared & Analyzed: 10/10/13					
Sulfate	923	mg/L	750.0	96.0	110	80-120	1	20
Chloride	160	mg/L	150.0	23	89	80-120	0.06	20

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Date Received: 10/08/13 12:40
Report Date: 10/18/13
Customer #: 277310

Laboratory Results

Notes

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Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications: Kansas (E-10338); Missouri (870); Wisconsin (998284430); Indiana (C-IL-040); Iowa (240)
Wastewater Certifications: Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
Hazardous/Solid Waste Certifications; Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
UST Certification; Iowa (240)
SPM PDC Laboratories - Springfield, MO
EPA DMR-QA Program
STL PDC Laboratories - St. Louis, MO
NELAC Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing
Drinking Water Certifications: Kansas (E-10389)

Q4 The matrix spike recovery result is unusable since the analyte concentration in the sample is greater than four times the spike level. The associated blank spike was acceptable.
Q3 MS/MSD both failed %R
H Test performed after the expiration of the appropriate regulatory/advisory maximum allowable hold time.

Roxann Shull

Certified by: Roxann Shull, Client Services Supervisor

PDC Laboratories, Inc. – St. Louis
3278 N. Highway 67 (Lindbergh)
Florissant, MO 63033
www.pdclab.com

CHAIN OF CUSTODY RECORD

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Fax (314) 432-4977

State where samples collected MO

(Instructions/Sample Acceptance Policy on Reverse)

ALL SHADED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1

CLIENT: RSI/BRIDGETON LF
ADDRESS:
CITY:
STATE:
ZIP:
CONTACT PERSON: BILL ABERNATHY – FEEZOR

PROJECT NUMBER:
P.O. NUMBER:
MEANS SHIPPED:
PHONE NUMBER: 314-502-1299
FAX NUMBER:
EMAIL ADDRESS: babernathy@feezorengineering
SAMPLER: HUNTER KING
SAMPLER'S SIGNATURE:

MATRIX TYPES:
WW-WASTEWATER
DW-DRINKING WATER
GW-GROUND WATER
WWSL-SLUDGE
NAS-SOLID
L'CHT-LEACHATE
NAL-NONAQUEOUS
SOIL-SOILS

3 ANALYSIS REQUESTED

4 (FOR LAB USE ONLY)
LOGIN # 3101243
LOGGED BY: HG
LAB PROJ. #
TEMPLATE:
PROJ. MGR.:

2

SAMPLE DESCRIPTION AS YOU WANT ON REPORT	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP.	MATRIX TYPE	Bottle Count	Ca, Mg, Na, K, Fe, Mn, B, (lab filtered) As	SO4, Cl, HCO3, CO3, NO3, F, (lab filtered) PO4	CO2 +5000CO2-D	OH, pH, alk, Hardness	TDS, Conductivity, NaCl	Silica	N as NH3, N as Nitrate	REMARKS
KITCHEN TAP	10/8/13	1044	✓		DW	9	✓	✓	✓	✓	✓	✓	✓	

5 TURNAROUND TIME (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)
NORMAL (8-10 Bus. Days) RUSH (5 Bus. Days) *Fastrak*™ (3 Bus. Days) 1-2 Bus. Days Same Day
DATE DUE _____

RESULTS BY: E-MAIL FAX PHONE CALL PHONE/FAX# IF DIFFERENT FROM ABOVE

6 The sample temperature will be measured upon receipt at the lab. By initialing this area, you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area, you allow the lab to proceed with analytical testing regardless of the sample temperature. _____

7

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
Hunter King	10/8/13	1145	Heather Earhart	10/8/13	11:45
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME

8 COMMENTS:(FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT 3.9 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N
SAMPLES(S) RECEIVED ON ICE Y OR N
PROPER BOTTLES RECEIVED IN GOOD CONDITION Y OR N
BOTTLES FILLED WITH ADEQUATE VOLUME Y OR N
SAMPLES RECEIVED WITHIN HOLD TIME(S) (EXCLUDES TYPICAL FIELD PARAMETERS) Y OR N
DATE AND TME TAKEN FROM SAMPLE BOTTLE

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13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/09/13 14:30
Report Date: 10/31/13
Customer #: 277310

Laboratory Results

Sample No: **3101551-01**
Sample Description: **TCLP w/o 10-9-13**

Collect Date: **10/09/13 00:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
1,1,1,2-Tetrachloroethane	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,1,1-Trichloroethane	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,1,2,2-Tetrachloroethane	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 250 ug/L		10/10/13 19:04	BP	SW 8260B*	
1,1,2-Trichloroethane	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,1-Dichloroethane	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,1-Dichloroethene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,1-Dichloropropene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,2,3-Trichlorobenzene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,2,3-Trichloropropane	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,2,4-Trichlorobenzene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,2,4-Trimethylbenzene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,2-Dibromo-3-chloropropane	< 120 ug/L		10/10/13 19:04	BP	SW 8260B*	
1,2-Dibromoethane	< 120 ug/L		10/10/13 19:04	BP	SW 8260B*	
1,2-Dichloroethene- Total	< 250 ug/L		10/10/13 19:04	BP	SW 8260B*	
1,2-Dichlorobenzene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,2-Dichloroethane	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,2-Dichloropropane	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,3,5-Trimethylbenzene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,3-Dichlorobenzene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,3-Dichloropropane	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,3-Dichloropropene - Total	< 250 ug/L		10/10/13 19:04	BP	SW 8260B*	
1,4-Dichlorobenzene	160 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
1,4-Dioxane	< 1200 ug/L		10/10/13 19:04	BP	SW 8260B*	
2,2-Dichloropropane	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
2-Butanone	58000 ug/L		10/10/13 18:40	BP	SW 8260B	04KS
2-Chloroethylvinyl ether	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
2-Chlorotoluene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
2-Hexanone	790 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
2-Nitropropane	< 250 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
4-Chlorotoluene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
4-Methyl-2-pentanone (MIBK)	1100 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Acetone	100000 ug/L		10/10/13 18:40	BP	SW 8260B	04KS

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/09/13 14:30
Report Date: 10/31/13
Customer #: 277310

Laboratory Results

Sample No: **3101551-01**
Sample Description: **TCLP w/o 10-9-13**

Collect Date: **10/09/13 00:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
Acetonitrile	< 1200 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Acrolein	< 1200 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Acrylonitrile	< 250 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Allyl Chloride	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Benzene	480 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Bromobenzene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Bromochloromethane	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Bromodichloromethane	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Bromoform	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Bromomethane	< 250 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Carbon disulfide	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Carbon tetrachloride	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Chlorobenzene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Chloroethane	< 250 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Chloroform	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Chloromethane	< 250 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
cis-1,2-Dichloroethene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
cis-1,3-Dichloropropene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Dibromochloromethane	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Dibromomethane	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Dichlorodifluoromethane	< 250 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Ethyl methacrylate	< 120 ug/L		10/10/13 19:04	BP	SW 8260B*	
Ethylbenzene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Hexachlorobutadiene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Iodomethane	< 250 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Isobutanol	46000 ug/L		10/10/13 19:04	BP	SW 8260B*	
Isopropylbenzene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
m,p-Xylene	< 250 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Methacrylonitrile	< 120 ug/L		10/10/13 19:04	BP	SW 8260B*	
Methyl methacrylate	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Methylene chloride	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
MTBE	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Naphthalene	230 ug/L		10/10/13 19:04	BP	SW 8260B	04KS

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13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/09/13 14:30
Report Date: 10/31/13
Customer #: 277310

Laboratory Results

Sample No: **3101551-01**
Sample Description: **TCLP w/o 10-9-13**

Collect Date: **10/09/13 00:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
Volatile Organics - STL						
n-Butylbenzene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
n-Propylbenzene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
o-Xylene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
p-Isopropyl toluene	240 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Propionitrile	< 250 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
sec-Butylbenzene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Styrene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
tert-Butylbenzene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Tetrachloroethene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Toluene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
trans-1,2-Dichloroethene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
trans-1,3-Dichloropropene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
trans-1,4-Dichloro-2-butene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B*	
Trichloroethene	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Trichlorofluoromethane	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Vinyl acetate	< 250 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Vinyl chloride	< 120 ug/L		10/10/13 19:04	BP	SW 8260B	04KS
Xylenes- Total	< 380 ug/L		10/10/13 19:04	BP	SW 8260B*	
Surrogate: 1,2-Dichloroethane-d4	*85 % 65.6-134*		*10/10/13 19:04*	*BP*	*SW 8260B*	
Surrogate: Bromofluorobenzene	*95 % 61-140*		*10/10/13 19:04*	*BP*	*SW 8260B*	
Surrogate: Toluene-d8	*78 % 75.4-120*		*10/10/13 19:04*	*BP*	*SW 8260B*	
Volatile Organics - TCLP - STL						
1,1-Dichloroethene	< 200 ug/L		10/17/13 00:21	BP	SW 8260B*	
1,2-Dichloroethane	< 200 ug/L		10/17/13 00:21	BP	SW 8260B*	
1,4-Dichlorobenzene	< 200 ug/L		10/17/13 00:21	BP	SW 8260B*	
2-Butanone	2200 ug/L		10/17/13 00:21	BP	SW 8260B*	
Benzene	< 200 ug/L		10/17/13 00:21	BP	SW 8260B*	
Carbon tetrachloride	< 200 ug/L		10/17/13 00:21	BP	SW 8260B*	
Chlorobenzene	< 200 ug/L		10/17/13 00:21	BP	SW 8260B*	
Chloroform	< 200 ug/L		10/17/13 00:21	BP	SW 8260B*	
Tetrachloroethene	< 200 ug/L		10/17/13 00:21	BP	SW 8260B*	
Trichloroethene	< 200 ug/L		10/17/13 00:21	BP	SW 8260B*	
Vinyl chloride	< 200 ug/L		10/17/13 00:21	BP	SW 8260B*	

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/09/13 14:30
Report Date: 10/31/13
Customer #: 277310

Laboratory Results

Sample No: **3101551-01**
Sample Description: **TCLP w/o 10-9-13**

Collect Date: **10/09/13 00:00**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method
Volatile Organics - TCLP - STL					
Surrogate: 1,2-Dichloroethane-d4	*92 % 56.1-142*		*10/17/13 00:21*	*BP*	*SW 8260B*
Surrogate: Toluene-d8	*87 % 68.1-121*		*10/17/13 00:21*	*BP*	*SW 8260B*
Surrogate: Bromofluorobenzene	*90 % 64.1-128*		*10/17/13 00:21*	*BP*	*SW 8260B*

Sample No: **3101551-02**
Sample Description: **TCLP w/o 10-9-13**

Collect Date: **10/09/13 00:00**
Matrix: **Solid**

Parameters	Result	Qual	Analysis Date	Analyst	Method
General Chemistry - STL					
Solids - total solids (TS)	7.8 %		10/09/13 15:30	ACV	SM 2540G 18Ed*

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St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/09/13 14:30
Report Date: 10/31/13
Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B317388 - 04-No Prep VOA								
Blank (B317388-BLK1)			Prepared & Analyzed: 10/10/13					
1,1,1,2-Tetrachloroethane	< 5.0	ug/L						
1,1,1-Trichloroethane	< 5.0	ug/L						
1,1,2,2-Tetrachloroethane	< 5.0	ug/L						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	< 10	ug/L						
1,1,2-Trichloroethane	< 5.0	ug/L						
1,1-Dichloroethane	< 5.0	ug/L						
1,1-Dichloroethene	< 5.0	ug/L						
1,1-Dichloropropene	< 5.0	ug/L						
1,2,3-Trichlorobenzene	< 5.0	ug/L						
1,2,3-Trichloropropane	< 5.0	ug/L						
1,2,4-Trichlorobenzene	< 5.0	ug/L						
1,2,4-Trimethylbenzene	< 5.0	ug/L						
1,2-Dibromo-3-chloropropane	< 5.0	ug/L						
1,2-Dibromoethane	< 5.0	ug/L						
1,2-Dichloroethene- Total	< 10	ug/L						
1,2-Dichlorobenzene	< 5.0	ug/L						
1,2-Dichloroethane	< 5.0	ug/L						
1,2-Dichloropropane	< 5.0	ug/L						
1,3,5-Trimethylbenzene	< 5.0	ug/L						
1,3-Dichlorobenzene	< 5.0	ug/L						
1,3-Dichloropropane	< 5.0	ug/L						
1,3-Dichloropropene - Total	< 10	ug/L						
1,4-Dichlorobenzene	< 5.0	ug/L						
1,4-Dioxane	< 50	ug/L						
2,2-Dichloropropane	< 5.0	ug/L						
2-Butanone	< 10	ug/L						
2-Chloroethylvinyl ether	< 5.0	ug/L						
2-Chlorotoluene	< 5.0	ug/L						
2-Hexanone	< 10	ug/L						
2-Nitropropane	< 10	ug/L						
4-Chlorotoluene	< 5.0	ug/L						
4-Methyl-2-pentanone (MIBK)	< 10	ug/L						
Acetone	< 10	ug/L						
Acetonitrile	< 50	ug/L						
Acrolein	< 50	ug/L						
Acrylonitrile	< 10	ug/L						
Allyl Chloride	< 5.0	ug/L						
Benzene	< 5.0	ug/L						

3101551

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St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/09/13 14:30
Report Date: 10/31/13
Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B317388 - 04-No Prep VOA								
Blank (B317388-BLK1)			Prepared & Analyzed: 10/10/13					
Bromobenzene	< 5.0	ug/L						
Bromochloromethane	< 5.0	ug/L						
Bromodichloromethane	< 5.0	ug/L						
Bromoform	< 5.0	ug/L						
Bromomethane	< 10	ug/L						
Carbon disulfide	< 5.0	ug/L						
Carbon tetrachloride	< 5.0	ug/L						
Chlorobenzene	< 5.0	ug/L						
Chloroethane	< 10	ug/L						
Chloroform	< 5.0	ug/L						
Chloromethane	< 10	ug/L						
cis-1,2-Dichloroethene	< 5.0	ug/L						
cis-1,3-Dichloropropene	< 5.0	ug/L						
Dibromochloromethane	< 5.0	ug/L						
Dibromomethane	< 5.0	ug/L						
Dichlorodifluoromethane	< 10	ug/L						
Ethyl methacrylate	< 5.0	ug/L						
Ethylbenzene	< 5.0	ug/L						
Hexachlorobutadiene	< 5.0	ug/L						
Iodomethane	< 10	ug/L						
Isobutanol	< 50	ug/L						
Isopropylbenzene	< 5.0	ug/L						
m,p-Xylene	< 10	ug/L						
Methacrylonitrile	< 5.0	ug/L						
Methyl methacrylate	< 5.0	ug/L						
Methylene chloride	< 5.0	ug/L						
MTBE	< 5.0	ug/L						
Naphthalene	< 5.0	ug/L						
n-Butylbenzene	< 5.0	ug/L						
n-Propylbenzene	< 5.0	ug/L						
o-Xylene	< 5.0	ug/L						
p-Isopropyl toluene	< 5.0	ug/L						
Propionitrile	< 10	ug/L						
sec-Butylbenzene	< 5.0	ug/L						
Styrene	< 5.0	ug/L						
tert-Butylbenzene	< 5.0	ug/L						
Tetrachloroethene	< 5.0	ug/L						
Toluene	< 5.0	ug/L						
trans-1,2-Dichloroethene	< 5.0	ug/L						

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Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte		Result		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B317388 - 04-No Prep VOA										
Blank (B317388-BLK1)					Prepared & Analyzed: 10/10/13					
trans-1,3-Dichloropropene		< 5.0		ug/L						
trans-1,4-Dichloro-2-butene		< 5.0		ug/L						
Trichloroethene		< 5.0		ug/L						
Trichlorofluoromethane		< 5.0		ug/L						
Vinyl acetate		< 10		ug/L						
Vinyl chloride		< 5.0		ug/L						
Xylenes- Total		< 15		ug/L						
Surrogate: 1,2-Dichloroethane-d4			*26.1*	*ug/L*	*30.00*		*87*	*65.6-134*		
Surrogate: Bromofluorobenzene			*25.9*	*ug/L*	*30.00*		*86*	*61-140*		
Surrogate: Toluene-d8			*22.8*	*ug/L*	*30.00*		*76*	*75.4-120*		
LCS (B317388-BS1)					Prepared & Analyzed: 10/10/13					
1,1,1-Trichloroethane		20		ug/L	20.00		100	75-125		
1,1,2,2-Tetrachloroethane		20		ug/L	20.00		101	73-129		
1,1,2-Trichloroethane		21		ug/L	20.00		104	73-129		
1,1-Dichloroethane		20		ug/L	20.00		102	75-140		
1,1-Dichloroethene		20		ug/L	20.00		98	71-136		
1,2-Dichlorobenzene		21		ug/L	20.00		103	70-122		
1,2-Dichloroethane		21		ug/L	20.00		107	77-126		
1,2-Dichloropropane		22		ug/L	20.00		108	80-126		
1,3-Dichlorobenzene		22		ug/L	20.00		108	77-125		
1,4-Dichlorobenzene		21		ug/L	20.00		104	74-119		
2-Chloroethylvinyl ether		20		ug/L	20.00		102	59-127		
Acrolein		259		ug/L	200.0		129	36-139		
Acrylonitrile		22		ug/L	20.00		111	43-133		
Benzene		22		ug/L	20.00		108	75-123		
Bromodichloromethane		21		ug/L	20.00		103	72-126		
Bromoform		22		ug/L	20.00		110	50-121		
Bromomethane	C, X	45		ug/L	20.00		224	19-149		
Carbon tetrachloride		19		ug/L	20.00		95	75-123		
Chlorobenzene		22		ug/L	20.00		109	76-121		
Chloroethane		9		ug/L	20.00		44	24-151		
Chloroform		20		ug/L	20.00		102	73-136		
Chloromethane		17		ug/L	20.00		83	44-126		
cis-1,3-Dichloropropene		22		ug/L	20.00		110	79-121		
Dibromochloromethane		21		ug/L	20.00		106	73-122		
Ethylbenzene		21		ug/L	20.00		106	76-129		
m,p-Xylene		46		ug/L	40.00		116	71-123		
Methylene chloride		21		ug/L	20.00		104	76-143		
o-Xylene		24		ug/L	20.00		118	72-123		

3101551

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St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/09/13 14:30
Report Date: 10/31/13
Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B317388 - 04-No Prep VOA								
LCS (B317388-BS1)			Prepared & Analyzed: 10/10/13					
Tetrachloroethene	16	ug/L	20.00		81	53-147		
Toluene	21	ug/L	20.00		107	75-128		
trans-1,2-Dichloroethene	21	ug/L	20.00		104	72-136		
trans-1,3-Dichloropropene	23	ug/L	20.00		113	72-120		
Trichloroethene	19	ug/L	20.00		96	74-131		
Trichlorofluoromethane	21	ug/L	20.00		103	68-134		
Vinyl chloride	18	ug/L	20.00		88	48-129		
Surrogate: 1,2-Dichloroethane-d4	*27.1*	*ug/L*	*30.00*		*90*	*60.5-136*		
Surrogate: Bromofluorobenzene	*26.1*	*ug/L*	*30.00*		*87*	*71.3-122*		
Surrogate: Toluene-d8	*24.6*	*ug/L*	*30.00*		*82*	*71.9-118*		
Matrix Spike (B317388-MS1)	**Source: 3100625-01**		Prepared & Analyzed: 10/10/13					
1,1,1-Trichloroethane	10	ug/L	20.00	ND	48	27-153		
1,1,2,2-Tetrachloroethane	18	ug/L	20.00	ND	92	32-186		
1,1,2-Trichloroethane	19	ug/L	20.00	ND	94	38-171		
1,1-Dichloroethane	15	ug/L	20.00	ND	77	39-162		
1,1-Dichloroethene	8	ug/L	20.00	ND	41	25-172		
1,2-Dichlorobenzene	18	ug/L	20.00	ND	88	57-129		
1,2-Dichloroethane	20	ug/L	20.00	ND	99	60-135		
1,2-Dichloropropane	18	ug/L	20.00	ND	90	55-140		
1,3-Dichlorobenzene	19	ug/L	20.00	ND	93	53-133		
1,4-Dichlorobenzene	19	ug/L	20.00	ND	94	61-125		
Acrolein	223	ug/L	200.0	ND	111	25-187		
Acrylonitrile	20	ug/L	20.00	ND	99	39-135		
Benzene	16	ug/L	20.00	ND	80	39-150		
Bromodichloromethane	18	ug/L	20.00	ND	90	58-135		
Bromoform	21	ug/L	20.00	1	100	34-123		
Bromomethane	15	ug/L	20.00	ND	77	25-148		
Carbon tetrachloride	8	ug/L	20.00	ND	42	25-157		
Chlorobenzene	18	ug/L	20.00	ND	88	59-131		
Chloroethane	6	ug/L	20.00	ND	28	25-154		
Chloroform	16	ug/L	20.00	ND	82	48-153		
Chloromethane	10	ug/L	20.00	ND	50	25-150		
cis-1,3-Dichloropropene	18	ug/L	20.00	ND	89	60-131		
Dibromochloromethane	19	ug/L	20.00	ND	95	57-130		
Ethylbenzene	15	ug/L	20.00	ND	76	42-146		
m,p-Xylene	34	ug/L	40.00	ND	85	37-143		
Methylene chloride	17	ug/L	20.00	ND	85	52-162		
o-Xylene	18	ug/L	20.00	ND	89	46-139		
Tetrachloroethene	9	ug/L	20.00	ND	45	25-134		

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PDC Laboratories, Inc.
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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/09/13 14:30
Report Date: 10/31/13
Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B317388 - 04-No Prep VOA									
Matrix Spike (B317388-MS1)		**Source: 3100625-01**		Prepared & Analyzed: 10/10/13					
Toluene		16	ug/L	20.00	ND	81	25-167		
trans-1,2-Dichloroethene		13	ug/L	20.00	ND	66	29-156		
trans-1,3-Dichloropropene		20	ug/L	20.00	ND	98	57-123		
Trichloroethene		15	ug/L	20.00	ND	74	38-149		
Trichlorofluoromethane		6	ug/L	20.00	ND	28	25-176		
Vinyl chloride	Q3	4	ug/L	20.00	ND	18	25-156		
Surrogate: 1,2-Dichloroethane-d4		*26.3*	*ug/L*	*30.00*		*88*	*58.5-136*		
Surrogate: Bromofluorobenzene		*25.2*	*ug/L*	*30.00*		*84*	*56.9-139*		
Surrogate: Toluene-d8		*22.2*	*ug/L*	*30.00*		*74*	*72.4-120*		
Matrix Spike Dup (B317388-MSD1)		**Source: 3100625-01**		Prepared & Analyzed: 10/10/13					
1,1,1-Trichloroethane		10	ug/L	20.00	ND	51	27-153	7	40
1,1,2,2-Tetrachloroethane		20	ug/L	20.00	ND	99	32-186	8	40
1,1,2-Trichloroethane		19	ug/L	20.00	ND	96	38-171	2	40
1,1-Dichloroethane		16	ug/L	20.00	ND	79	39-162	3	40
1,1-Dichloroethene		8	ug/L	20.00	ND	42	25-172	2	40
1,2-Dichlorobenzene		18	ug/L	20.00	ND	90	57-129	3	40
1,2-Dichloroethane		19	ug/L	20.00	ND	94	60-135	5	40
1,2-Dichloropropane		19	ug/L	20.00	ND	93	55-140	3	40
1,3-Dichlorobenzene		19	ug/L	20.00	ND	94	53-133	0.5	40
1,4-Dichlorobenzene		20	ug/L	20.00	ND	98	61-125	4	40
Acrolein		222	ug/L	200.0	ND	111	25-187	0.5	40
Acrylonitrile		21	ug/L	20.00	ND	103	39-135	4	40
Benzene		15	ug/L	20.00	ND	77	39-150	4	40
Bromodichloromethane		18	ug/L	20.00	ND	88	58-135	1	40
Bromoform		22	ug/L	20.00	1	105	34-123	5	40
Bromomethane		19	ug/L	20.00	ND	95	25-148	21	40
Carbon tetrachloride		9	ug/L	20.00	ND	44	25-157	4	40
Chlorobenzene		18	ug/L	20.00	ND	90	59-131	2	40
Chloroethane		6	ug/L	20.00	ND	32	25-154	11	40
Chloroform		18	ug/L	20.00	ND	89	48-153	8	40
Chloromethane		10	ug/L	20.00	ND	51	25-150	2	40
cis-1,3-Dichloropropene		18	ug/L	20.00	ND	92	60-131	3	40
Dibromochloromethane		20	ug/L	20.00	ND	99	57-130	4	40
Ethylbenzene		16	ug/L	20.00	ND	79	42-146	3	40
m,p-Xylene		35	ug/L	40.00	ND	87	37-143	3	40
Methylene chloride		19	ug/L	20.00	ND	95	52-162	11	40
o-Xylene		19	ug/L	20.00	ND	95	46-139	7	40
Tetrachloroethene		10	ug/L	20.00	ND	50	25-134	12	40
Toluene		17	ug/L	20.00	ND	84	25-167	3	40

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Bridgeton Landfill
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St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/09/13 14:30
Report Date: 10/31/13
Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte		Result		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B317388 - 04-No Prep VOA										
Matrix Spike Dup (B317388-MSD1)		**Source: 3100625-01**			Prepared & Analyzed: 10/10/13					
trans-1,2-Dichloroethene		14		ug/L	20.00	ND	72	29-156	9	40
trans-1,3-Dichloropropene		21		ug/L	20.00	ND	104	57-123	6	40
Trichloroethene		13		ug/L	20.00	ND	65	38-149	14	40
Trichlorofluoromethane		6		ug/L	20.00	ND	28	25-176	0.8	40
Vinyl chloride	Q3	3		ug/L	20.00	ND	17	25-156	2	40
Surrogate: 1,2-Dichloroethane-d4			*24.9*	*ug/L*	*30.00*		*83*	*58.5-136*		
Surrogate: Bromofluorobenzene			*24.8*	*ug/L*	*30.00*		*83*	*56.9-139*		
Surrogate: Toluene-d8			*22.4*	*ug/L*	*30.00*		*75*	*72.4-120*		

Volatile Organics - TCLP - Quality Control

Analyte	Result		Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B317759 - 04-No Prep VOA									
Blank (B317759-BLK1)				Prepared & Analyzed: 10/16/13					
1,1-Dichloroethene	< 5.0		ug/L						
1,2-Dichloroethane	< 5.0		ug/L						
1,4-Dichlorobenzene	< 5.0		ug/L						
2-Butanone	< 10		ug/L						
Benzene	< 5.0		ug/L						
Carbon tetrachloride	< 5.0		ug/L						
Chlorobenzene	< 5.0		ug/L						
Chloroform	< 5.0		ug/L						
Tetrachloroethene	< 5.0		ug/L						
Trichloroethene	< 5.0		ug/L						
Vinyl chloride	< 5.0		ug/L						
Surrogate: 1,2-Dichloroethane-d4		*24.9*	*ug/L*	*30.00*		*83*	*56.1-142*		
Surrogate: Toluene-d8		*23.7*	*ug/L*	*30.00*		*79*	*68.1-121*		
Surrogate: Bromofluorobenzene		*24.8*	*ug/L*	*30.00*		*83*	*64.1-128*		
LCS (B317759-BS1)				Prepared & Analyzed: 10/16/13					
1,1-Dichloroethene	19		ug/L	20.00		94	83-127		
1,2-Dichloroethane	20		ug/L	20.00		99	82-120		
1,4-Dichlorobenzene	19		ug/L	20.00		96	72-122		
2-Butanone	21		ug/L	20.00		106	49-139		
Benzene	18		ug/L	20.00		91	76-121		
Carbon tetrachloride	22		ug/L	20.00		112	86-120		
Chlorobenzene	18		ug/L	20.00		88	78-116		
Chloroform	19		ug/L	20.00		95	80-125		

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Laboratory Results

Volatile Organics - TCLP - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B317759 - 04-No Prep VOA								
LCS (B317759-BS1)			Prepared & Analyzed: 10/16/13					
Tetrachloroethene	28	ug/L	20.00		139	53-147		
Trichloroethene	20	ug/L	20.00		100	78-128		
Vinyl chloride	20	ug/L	20.00		99	50-141		
Surrogate: 1,2-Dichloroethane-d4	*23.8*	*ug/L*	*30.00*		*79*	*64.1-142*		
Surrogate: Toluene-d8	*25.3*	*ug/L*	*30.00*		*84*	*73.2-121*		
Surrogate: Bromofluorobenzene	*25.3*	*ug/L*	*30.00*		*84*	*70.8-124*		
Matrix Spike (B317759-MS1)	**Source: 3101543-03**		Prepared & Analyzed: 10/16/13					
1,1-Dichloroethene	181	ug/L	200.0	ND	90	25-155		
1,2-Dichloroethane	208	ug/L	200.0	ND	104	72-122		
1,4-Dichlorobenzene	196	ug/L	200.0	ND	98	59-119		
2-Butanone	242	ug/L	200.0	32	105	25-232		
Benzene	191	ug/L	200.0	ND	95	33-127		
Carbon tetrachloride	207	ug/L	200.0	ND	104	25-148		
Chlorobenzene	173	ug/L	200.0	ND	86	53-119		
Chloroform	202	ug/L	200.0	ND	101	50-129		
Tetrachloroethene	121	ug/L	200.0	ND	61	25-142		
Trichloroethene	204	ug/L	200.0	ND	102	25-157		
Vinyl chloride	193	ug/L	200.0	ND	97	25-147		
Surrogate: 1,2-Dichloroethane-d4	*26.8*	*ug/L*	*30.00*		*89*	*55.8-141*		
Surrogate: Toluene-d8	*27.4*	*ug/L*	*30.00*		*91*	*68.5-119*		
Surrogate: Bromofluorobenzene	*25.4*	*ug/L*	*30.00*		*85*	*62.3-130*		
Matrix Spike (B317759-MS2)	**Source: 3101551-01**		Prepared: 10/16/13 Analyzed: 10/17/13					
1,1-Dichloroethene	769	ug/L	800.0	ND	96	25-155		
1,2-Dichloroethane	885	ug/L	800.0	ND	111	72-122		
1,4-Dichlorobenzene	813	ug/L	800.0	ND	102	59-119		
2-Butanone	3550	ug/L	800.0	2250	163	25-232		
Benzene	769	ug/L	800.0	ND	96	33-127		
Carbon tetrachloride	954	ug/L	800.0	ND	119	25-148		
Chlorobenzene	760	ug/L	800.0	ND	95	53-119		
Chloroform	901	ug/L	800.0	69	104	50-129		
Tetrachloroethene	595	ug/L	800.0	ND	74	25-142		
Trichloroethene	827	ug/L	800.0	ND	103	25-157		
Vinyl chloride	830	ug/L	800.0	ND	104	25-147		
Surrogate: 1,2-Dichloroethane-d4	*26.3*	*ug/L*	*30.00*		*88*	*55.8-141*		
Surrogate: Toluene-d8	*26.8*	*ug/L*	*30.00*		*89*	*68.5-119*		
Surrogate: Bromofluorobenzene	*26.9*	*ug/L*	*30.00*		*90*	*62.3-130*		
Matrix Spike (B317759-MS3)	**Source: 3101693-01**		Prepared: 10/16/13 Analyzed: 10/17/13					
1,1-Dichloroethene	206	ug/L	200.0	ND	103	25-155		

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Bridgeton Landfill
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St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/09/13 14:30
Report Date: 10/31/13
Customer #: 277310

Laboratory Results

Volatile Organics - TCLP - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B317759 - 04-No Prep VOA									
Matrix Spike (B317759-MS3)		**Source: 3101693-01**		Prepared: 10/16/13 Analyzed: 10/17/13					
1,2-Dichloroethane		207	ug/L	200.0	ND	103	72-122		
1,4-Dichlorobenzene		197	ug/L	200.0	ND	99	59-119		
2-Butanone		218	ug/L	200.0	ND	109	25-232		
Benzene		180	ug/L	200.0	ND	90	33-127		
Carbon tetrachloride		225	ug/L	200.0	ND	112	25-148		
Chlorobenzene		182	ug/L	200.0	ND	91	53-119		
Chloroform		215	ug/L	200.0	ND	108	50-129		
Tetrachloroethene		139	ug/L	200.0	ND	69	25-142		
Trichloroethene		202	ug/L	200.0	ND	101	25-157		
Vinyl chloride		210	ug/L	200.0	ND	105	25-147		
Surrogate: 1,2-Dichloroethane-d4		*25.7*	*ug/L*	*30.00*		*86*	*55.8-141*		
Surrogate: Toluene-d8		*26.6*	*ug/L*	*30.00*		*89*	*68.5-119*		
Surrogate: Bromofluorobenzene		*27.0*	*ug/L*	*30.00*		*90*	*62.3-130*		
Matrix Spike (B317759-MS4)		**Source: 3101703-01**		Prepared: 10/16/13 Analyzed: 10/17/13					
1,1-Dichloroethene		188	ug/L	200.0	ND	94	25-155		
1,2-Dichloroethane		203	ug/L	200.0	ND	101	72-122		
1,4-Dichlorobenzene		197	ug/L	200.0	ND	98	59-119		
2-Butanone		234	ug/L	200.0	ND	117	25-232		
Benzene		182	ug/L	200.0	ND	91	33-127		
Carbon tetrachloride		210	ug/L	200.0	ND	105	25-148		
Chlorobenzene		183	ug/L	200.0	ND	91	53-119		
Chloroform		208	ug/L	200.0	ND	104	50-129		
Tetrachloroethene		429	ug/L	200.0	194	117	25-142		
Trichloroethene		544	ug/L	200.0	409	67	25-157		
Vinyl chloride		207	ug/L	200.0	ND	104	25-147		
Surrogate: 1,2-Dichloroethane-d4		*26.6*	*ug/L*	*30.00*		*89*	*55.8-141*		
Surrogate: Toluene-d8		*25.8*	*ug/L*	*30.00*		*86*	*68.5-119*		
Surrogate: Bromofluorobenzene		*26.7*	*ug/L*	*30.00*		*89*	*62.3-130*		
Matrix Spike (B317759-MS5)		**Source: 3101703-02**		Prepared: 10/16/13 Analyzed: 10/17/13					
1,1-Dichloroethene		179	ug/L	200.0	ND	89	25-155		
1,2-Dichloroethane		221	ug/L	200.0	ND	110	72-122		
1,4-Dichlorobenzene		197	ug/L	200.0	ND	98	59-119		
2-Butanone		200	ug/L	200.0	ND	100	25-232		
Benzene		193	ug/L	200.0	ND	96	33-127		
Carbon tetrachloride		209	ug/L	200.0	ND	104	25-148		
Chlorobenzene		179	ug/L	200.0	ND	89	53-119		
Chloroform		208	ug/L	200.0	ND	104	50-129		
Tetrachloroethene	Q1	588	ug/L	200.0	229	180	25-142		

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Laboratory Results

Volatile Organics - TCLP - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B317759 - 04-No Prep VOA									
Matrix Spike (B317759-MS5)		**Source: 3101703-02**		Prepared: 10/16/13 Analyzed: 10/17/13					
Trichloroethene		542	ug/L	200.0	271	135	25-157		
Vinyl chloride		194	ug/L	200.0	ND	97	25-147		
Surrogate: 1,2-Dichloroethane-d4		*26.9*	*ug/L*	*30.00*		*90*	*55.8-141*		
Surrogate: Toluene-d8		*26.8*	*ug/L*	*30.00*		*89*	*68.5-119*		
Surrogate: Bromofluorobenzene		*27.4*	*ug/L*	*30.00*		*91*	*62.3-130*		
Matrix Spike (B317759-MS6)		**Source: 3101703-03**		Prepared: 10/16/13 Analyzed: 10/17/13					
1,1-Dichloroethene		219	ug/L	200.0	ND	109	25-155		
1,2-Dichloroethane		207	ug/L	200.0	ND	103	72-122		
1,4-Dichlorobenzene		200	ug/L	200.0	ND	100	59-119		
2-Butanone		234	ug/L	200.0	ND	117	25-232		
Benzene		187	ug/L	200.0	ND	93	33-127		
Carbon tetrachloride		229	ug/L	200.0	ND	115	25-148		
Chlorobenzene		188	ug/L	200.0	ND	94	53-119		
Chloroform		215	ug/L	200.0	ND	107	50-129		
Tetrachloroethene	Q1	539	ug/L	200.0	171	184	25-142		
Trichloroethene		519	ug/L	200.0	218	151	25-157		
Vinyl chloride		217	ug/L	200.0	ND	108	25-147		
Surrogate: 1,2-Dichloroethane-d4		*26.7*	*ug/L*	*30.00*		*89*	*55.8-141*		
Surrogate: Toluene-d8		*26.5*	*ug/L*	*30.00*		*88*	*68.5-119*		
Surrogate: Bromofluorobenzene		*27.0*	*ug/L*	*30.00*		*90*	*62.3-130*		
Matrix Spike (B317759-MS7)		**Source: 3101962-01**		Prepared: 10/16/13 Analyzed: 10/17/13					
1,1-Dichloroethene		180	ug/L	200.0	ND	90	25-155		
1,2-Dichloroethane		192	ug/L	200.0	ND	96	72-122		
1,4-Dichlorobenzene		179	ug/L	200.0	ND	89	59-119		
2-Butanone		204	ug/L	200.0	ND	102	25-232		
Benzene		177	ug/L	200.0	ND	88	33-127		
Carbon tetrachloride		193	ug/L	200.0	ND	96	25-148		
Chlorobenzene		166	ug/L	200.0	ND	83	53-119		
Chloroform		197	ug/L	200.0	ND	99	50-129		
Tetrachloroethene		117	ug/L	200.0	ND	59	25-142		
Trichloroethene		186	ug/L	200.0	ND	93	25-157		
Vinyl chloride		188	ug/L	200.0	ND	94	25-147		
Surrogate: 1,2-Dichloroethane-d4		*25.4*	*ug/L*	*30.00*		*85*	*55.8-141*		
Surrogate: Toluene-d8		*26.1*	*ug/L*	*30.00*		*87*	*68.5-119*		
Surrogate: Bromofluorobenzene		*25.1*	*ug/L*	*30.00*		*84*	*62.3-130*		
Matrix Spike Dup (B317759-MSD1)		**Source: 3101543-03**		Prepared & Analyzed: 10/16/13					
1,1-Dichloroethene		193	ug/L	200.0	ND	96	25-155	6	40
1,2-Dichloroethane		193	ug/L	200.0	ND	97	72-122	7	40

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Laboratory Results

Volatile Organics - TCLP - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B317759 - 04-No Prep VOA								
Matrix Spike Dup (B317759-MSD1)	**Source: 3101543-03**		Prepared & Analyzed: 10/16/13					
1,4-Dichlorobenzene	188	ug/L	200.0	ND	94	59-119	4	40
2-Butanone	262	ug/L	200.0	32	115	25-232	8	40
Benzene	180	ug/L	200.0	ND	90	33-127	6	40
Carbon tetrachloride	213	ug/L	200.0	ND	107	25-148	3	40
Chlorobenzene	174	ug/L	200.0	ND	87	53-119	0.6	40
Chloroform	211	ug/L	200.0	ND	105	50-129	4	40
Tetrachloroethene	141	ug/L	200.0	ND	70	25-142	15	40
Trichloroethene	180	ug/L	200.0	ND	90	25-157	13	40
Vinyl chloride	209	ug/L	200.0	ND	104	25-147	8	40
Surrogate: 1,2-Dichloroethane-d4	*24.9*	*ug/L*	*30.00*		*83*	*55.8-141*		
Surrogate: Toluene-d8	*24.7*	*ug/L*	*30.00*		*82*	*68.5-119*		
Surrogate: Bromofluorobenzene	*23.9*	*ug/L*	*30.00*		*80*	*62.3-130*		

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(314) 432-0550 • (800) 333-FAST • FAX (314) 432-4977

Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Bill Abernathy

Date Received: 10/09/13 14:30
Report Date: 10/31/13
Customer #: 277310

Laboratory Results

Notes

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NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications: Kansas (E-10338); Missouri (870); Wisconsin (998284430); Indiana (C-IL-040); Iowa (240)
Wastewater Certifications: Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
Hazardous/Solid Waste Certifications; Arkansas (88-0677); Wisconsin (998284430); Iowa (240); Kansas (E-10335)
UST Certification; Iowa (240)
SPM PDC Laboratories - Springfield, MO
EPA DMR-QA Program
STL PDC Laboratories - St. Louis, MO
NELAC Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing
Drinking Water Certifications: Kansas (E-10389)

X Analyte failed blank spike with high bias; undetected in all samples.
Q3 MS/MSD both failed %R
Q1 MS Failed %R
C The blank spike failed to meet the required acceptance criteria.

Certified by: Roxann Shull, Client Services Supervisor

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Florissant, MO 63033
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Phone (314) 432-0550 or (314) 921-4488
Fax (314) 432-4977

State where samples collected _____

(Instructions/Sample Acceptance Policy on Reverse)

ALL SHADED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1			
CLIENT: RSI / Bridgeton LF	PROJECT NUMBER	P. O. NUMBER	MEANS SHIPPED
ADDRESS	PHONE NUMBER	FAX NUMBER	EMAIL ADDRESS: bubernathy@feezerengineering.com
CITY STATE ZIP	SAMPLER: Hunter King		MATRIX TYPES: WW-WASTEWATER, DW-DRINKING WATER, GW-GROUND WATER, WWSL-SLUDGE, NAS-SOLID, L'CHT-LEACHATE, NAL-NONAQUEOUS, SOIL-SOILS
CONTACT PERSON: Hunter King - Feezer	SAMPLER'S SIGNATURE: Hunter KS		

(FOR LAB USE ONLY)
LOGIN # 310551
LOGGED BY: HE
LAB PROJ. #
TEMPLATE:
PROJ. MGR.:

2 SAMPLE DESCRIPTION AS YOU WANT ON REPORT	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	Bottle Count	3 ANALYSIS REQUESTED: TCLP via EPA 8260	VOCs	Percent Solids					REMARKS
TCLP w/o 10/9/13	10/9/13		G		OT	7	X	X	X					

5 TURNAROUND TIME (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)
NORMAL (8-10 Bus. Days) RUSH (5 Bus. Days) *Fastrak*™ (3 Bus. Days) 1-2 Bus. Days Same Day
DATE DUE _____
RESULTS BY: E-MAIL FAX PHONE CALL PHONE/FAX# IF DIFFERENT FROM ABOVE

6 The sample temperature will be measured upon receipt at the lab. By initialing this area, you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area, you allow the lab to proceed with analytical testing regardless of the sample temperature. _____

7	DATE	TIME		DATE	TIME
RELINQUISHED BY: (SIGNATURE) Hunter KS	10/9/13	1231	RECEIVED BY: [signature]	10-9	1235
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME

8 COMMENTS:(FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT	2.1 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT	Y OR N
SAMPLES(S) RECEIVED ON ICE	Y OR N
PROPER BOTTLES RECEIVED IN GOOD CONDITION	Y OR N
BOTTLES FILLED WITH ADEQUATE VOLUME	Y OR N
SAMPLES RECEIVED WITHIN HOLD TIME(S) (EXCLUDES TYPICAL FIELD PARAMETERS)	Y OR N
DATE AND TME TAKEN FROM SAMPLE BOTTLE	

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Bryan Sehie

Date Received: 10/24/13 16:19
Report Date: 10/31/13
Customer #: 277310

Laboratory Results

Sample No: **3103523-01**
Sample Description: **Water 1**

Collect Date: **10/24/13 14:14**
Matrix: **Waste Water**

Parameters	Result	Qual	Analysis Date	Analyst	Method	
General Chemistry - STL						
BOD	450 mg/L		10/25/13 11:30	DAW	SM 5210B 18Ed	04KS
COD	710 mg/L		10/25/13 09:45	DAW	SM 5220D 18Ed	04KS
Conductivity	1200 umhos/cm		10/25/13 10:00	DAW	SM 2510B 18Ed*	
Dissolved Oxygen	1.5 mg/L	H, X	10/25/13 07:41	DAW	SM 4500O G 18Ed*	
pH	6.8 pH Units	H	10/24/13 16:45	ACV	SM 4500-H B 18Ed - EPA 150.1 - SW 9040B	04KS
Solids - total dissolved solids (TDS)	1000 mg/L		10/25/13 13:00	DAW	SM 2540C 18Ed*	
Solids - total suspended solids (TSS)	17 mg/L		10/25/13 09:15	DAW	SM 2540D 18Ed	04KS
Volatile Organics - STL						
1,2-Dichlorobenzene	< 5.0 ug/L		10/25/13 15:18	BP	OA1*	
1,3-Dichlorobenzene	< 5.0 ug/L		10/25/13 15:18	BP	OA1*	
1,4-Dichlorobenzene	< 5.0 ug/L		10/25/13 15:18	BP	OA1*	
Benzene	< 5.0 ug/L		10/25/13 15:18	BP	OA1*	
Chlorobenzene	< 5.0 ug/L		10/25/13 15:18	BP	OA1*	
Ethylbenzene	< 5.0 ug/L		10/25/13 15:18	BP	OA1*	
m,p-Xylene	< 10 ug/L		10/25/13 15:18	BP	OA1*	
MTBE	< 5.0 ug/L		10/25/13 15:18	BP	OA1*	
o-Xylene	< 5.0 ug/L		10/25/13 15:18	BP	OA1*	
Toluene	< 5.0 ug/L		10/25/13 15:18	BP	OA1*	
Gasoline	< 1000 ug/L		10/25/13 15:18	BP	OA1*	
Surrogate: Bromofluorobenzene	*84 % 56.3-127*		*10/25/13 15:18*	*BP*	*OA1*	

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Date Received: 10/24/13 16:19
Report Date: 10/31/13
Customer #: 277310

Laboratory Results

General Chemistry - Quality Control

Analyte		Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B318369 - 04-No Prep WC									
Calibration Check (B318369-CCV1)				Prepared & Analyzed: 10/24/13					
pH		7.01	pH Units	7.000		100	3.57-101.4		
Calibration Check (B318369-CCV2)				Prepared & Analyzed: 10/24/13					
pH		7.00	pH Units	7.000		100	3.57-101.4		
Calibration Check (B318369-CCV3)				Prepared & Analyzed: 10/24/13					
pH		7.00	pH Units	7.000		100	3.57-101.4		
Duplicate (B318369-DUP1)		**Source: 3103330-01**		Prepared & Analyzed: 10/24/13					
pH		7.44	pH Units		7.43			0.1	10
Batch B318374 - 04-No Prep WC									
Duplicate (B318374-DUP1)		**Source: 3103523-01**		Prepared & Analyzed: 10/25/13					
Dissolved Oxygen	H, X	1.50	mg/L		1.50			0	200
Batch B318377 - 04-No Prep WC									
Blank (B318377-BLK1)				Prepared & Analyzed: 10/25/13					
COD		< 100	mg/L						
LCS (B318377-BS1)				Prepared & Analyzed: 10/25/13					
COD		481	mg/L	500.0		96	95-105		
Duplicate (B318377-DUP1)		**Source: 3103523-01**		Prepared & Analyzed: 10/25/13					
COD		717	mg/L		712			0.6	20
Batch B318391 - 04-No Prep WC									
LCS (B318391-BS1)				Prepared & Analyzed: 10/25/13					
Conductivity		1390	umhos/cm	1413		98	90-110		
Duplicate (B318391-DUP1)		**Source: 3103523-01**		Prepared & Analyzed: 10/25/13					
Conductivity		1150	umhos/cm		1150			0	20
Batch B318394 - 04-No Prep WC									
Blank (B318394-BLK1)				Prepared & Analyzed: 10/25/13					
Solids - total suspended solids (TSS)		< 2.0	mg/L						
LCS (B318394-BS1)				Prepared & Analyzed: 10/25/13					
Solids - total suspended solids (TSS)		96.0	mg/L	100.0		96	82.9-110		
Duplicate (B318394-DUP1)		**Source: 3103525-03**		Prepared & Analyzed: 10/25/13					
Solids - total suspended solids (TSS)		3140	mg/L		3280			4	5
Batch B318413 - 04-No Prep WC									

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Bridgeton Landfill
13570 St Charles Rock Road
St. Louis, MO 63044
Attn: Bryan Sehie

Date Received: 10/24/13 16:19
Report Date: 10/31/13
Customer #: 277310

Laboratory Results

General Chemistry - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B318413 - 04-No Prep WC								
Blank (B318413-BLK1)			Prepared & Analyzed: 10/25/13					
BOD	< 6.0	mg/L						
LCS (B318413-BS1)			Prepared & Analyzed: 10/25/13					
BOD	190	mg/L	198.0		96	34.6-115.4		
Duplicate (B318413-DUP1)	**Source: 3103523-01**		Prepared & Analyzed: 10/25/13					
BOD	459	mg/L		451			2	20
Batch B318417 - 04-No Prep WC								
Blank (B318417-BLK1)			Prepared & Analyzed: 10/25/13					
Solids - total dissolved solids (TDS)	< 17	mg/L						
LCS (B318417-BS1)			Prepared & Analyzed: 10/25/13					
Solids - total dissolved solids (TDS)	1010	mg/L	1000		101	75.1-119		
Duplicate (B318417-DUP1)	**Source: 3103523-01**		Prepared & Analyzed: 10/25/13					
Solids - total dissolved solids (TDS)	1040	mg/L		1050			0.6	5

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B318411 - 04-No Prep VOA								
Blank (B318411-BLK1)			Prepared & Analyzed: 10/25/13					
1,2-Dichlorobenzene	< 5.0	ug/L						
1,3-Dichlorobenzene	< 5.0	ug/L						
1,4-Dichlorobenzene	< 5.0	ug/L						
Benzene	< 5.0	ug/L						
Chlorobenzene	< 5.0	ug/L						
Ethylbenzene	< 5.0	ug/L						
m,p-Xylene	< 10	ug/L						
MTBE	< 5.0	ug/L						
o-Xylene	< 5.0	ug/L						
Toluene	< 5.0	ug/L						
Gasoline	< 1000	ug/L						
Surrogate: Bromofluorobenzene	*24.1*	*ug/L*	*30.00*		*80*	*56.3-127*		
LCS (B318411-BS1)			Prepared & Analyzed: 10/25/13					
1,2-Dichlorobenzene	18	ug/L	20.00		91	63-121		
1,3-Dichlorobenzene	19	ug/L	20.00		94	70-119		
1,4-Dichlorobenzene	19	ug/L	20.00		95	68-122		

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Bridgeton Landfill
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St. Louis, MO 63044
Attn: Bryan Sehie

Date Received: 10/24/13 16:19
Report Date: 10/31/13
Customer #: 277310

Laboratory Results

Volatile Organics - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B318411 - 04-No Prep VOA								
LCS (B318411-BS1)			Prepared & Analyzed: 10/25/13					
Benzene	19	ug/L	20.00		96	73-120		
Chlorobenzene	19	ug/L	20.00		93	75-116		
Ethylbenzene	19	ug/L	20.00		96	74-118		
m,p-Xylene	37	ug/L	40.00		94	70-112		
MTBE	18	ug/L	20.00		92	62-128		
o-Xylene	19	ug/L	20.00		93	75-111		
Toluene	20	ug/L	20.00		102	79-117		
Gasoline	4410	ug/L	4004		110	44-151		
Surrogate: Bromofluorobenzene	*25.4*	*ug/L*	*30.00*		*85*	*69.4-123*		
Matrix Spike (B318411-MS1)	**Source: 3102876-01**		Prepared & Analyzed: 10/25/13					
1,2-Dichlorobenzene	17	ug/L	20.00	ND	83	53-115		
1,3-Dichlorobenzene	19	ug/L	20.00	ND	93	50-126		
1,4-Dichlorobenzene	18	ug/L	20.00	ND	90	51-125		
Benzene	19	ug/L	20.00	ND	94	27-139		
Chlorobenzene	18	ug/L	20.00	ND	91	48-127		
Ethylbenzene	19	ug/L	20.00	ND	96	26-148		
m,p-Xylene	36	ug/L	40.00	ND	91	25-144		
MTBE	18	ug/L	20.00	ND	91	41-134		
o-Xylene	19	ug/L	20.00	ND	95	42-128		
Toluene	19	ug/L	20.00	ND	95	42-138		
Surrogate: Bromofluorobenzene	*26.4*	*ug/L*	*30.00*		*88*	*66.8-124*		
Matrix Spike Dup (B318411-MSD1)	**Source: 3102876-01**		Prepared & Analyzed: 10/25/13					
1,2-Dichlorobenzene	16	ug/L	20.00	ND	80	53-115	3	40
1,3-Dichlorobenzene	17	ug/L	20.00	ND	85	50-126	9	40
1,4-Dichlorobenzene	17	ug/L	20.00	ND	87	51-125	3	40
Benzene	17	ug/L	20.00	ND	87	27-139	8	40
Chlorobenzene	17	ug/L	20.00	ND	84	48-127	8	40
Ethylbenzene	18	ug/L	20.00	ND	88	26-148	9	40
m,p-Xylene	35	ug/L	40.00	ND	86	25-144	5	40
MTBE	17	ug/L	20.00	ND	86	41-134	6	40
o-Xylene	18	ug/L	20.00	ND	88	42-128	8	40
Toluene	18	ug/L	20.00	ND	91	42-138	4	40
Surrogate: Bromofluorobenzene	*26.4*	*ug/L*	*30.00*		*88*	*66.8-124*		

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St. Louis, MO 63044
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Date Received: 10/24/13 16:19
Report Date: 10/31/13
Customer #: 277310

Laboratory Results

Notes

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STL PDC Laboratories - St. Louis, MO
NELAC Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing
Drinking Water Certifications: Kansas (E-10389)

X Analysis performed in sample bottle
H Test performed after the expiration of the appropriate regulatory/advisory maximum allowable hold time.

Certified by: Roxann Shull, Client Services Supervisor

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Florissant, MO 63033
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CHAIN OF CUSTODY RECORD

Phone (314) 432-0550 or (314) 921-4488
Fax (314) 432-4977

State where samples collected _____

(Instructions/Sample Acceptance Policy on Reverse)

ALL SHADED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT: Bridgeton Landfill	PROJECT NUMBER	P.O. NUMBER	MEANS SHIPPED
ADDRESS: 13570 St. Charles Rock Rd	PHONE NUMBER: 314-744-8190	FAX NUMBER	EMAIL ADDRESS
CITY STATE ZIP: Bridgeton, Mo 63044	SAMPLER: Bryan Schire		MATRIX TYPES: WW-WASTEWATER, DW-DRINKING WATER, GW-GROUND WATER, WWSL-SLUDGE, NAS-SOLID, L'CHT-LEACHATE, NAL-NONAQUEOUS, SOIL-SOILS
CONTACT PERSON: Bryan Schire	SAMPLER'S SIGNATURE: Bryan Schire		

3 ANALYSIS REQUESTED

4 (FOR LAB USE ONLY)
LOGIN # 3103523
LOGGED BY: HE
LAB PROJ. #
TEMPLATE:
PROJ. MGR.:

2 SAMPLE DESCRIPTION AS YOU WANT ON REPORT	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	Bottle Count	TPH 8015	Cond, pH, DO	BOD, COD, TSS	TDS				REMARKS
Water 1	10/24/13	1414	X		WW	5								

5 TURNAROUND TIME (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)
NORMAL (8-10 Bus. Days) RUSH (5 Bus. Days) *Fastrak*™ (3 Bus. Days) 1-2 Bus. Days Same Day
DATE DUE _____

RESULTS BY: E-MAIL FAX PHONE CALL PHONE/FAX# IF DIFFERENT FROM ABOVE

6 The sample temperature will be measured upon receipt at the lab. By initialing this area, you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initialing this area, you allow the lab to proceed with analytical testing regardless of the sample temperature. _____

7	DATE	TIME		DATE	TIME
RELINQUISHED BY: (SIGNATURE)	10/24/13	1515	RECEIVED BY:	10-24-13	3:15
RELINQUISHED BY: (SIGNATURE)	10/24/13	3:40	RECEIVED BY:	10/24/13	15:40
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY:	DATE	TIME

8 COMMENTS:(FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT	12.4 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT	Y OR N
SAMPLES(S) RECEIVED ON ICE	Y OR N
PROPER BOTTLES RECEIVED IN GOOD CONDITION	Y OR N
BOTTLES FILLED WITH ADEQUATE VOLUME	Y OR N
SAMPLES RECEIVED WITHIN HOLD TIME(S) (EXCLUDES TYPICAL FIELD PARAMETERS)	Y OR N
DATE AND TME TAKEN FROM SAMPLE BOTTLE	____

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