

**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
<u>Anions - STL</u>					
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
<u>General Chemistry - STL</u>					
Alkalinity - bicarbonate as CaCO ₃	28 mg/L		10/17/13 11:00	ACV	SM 2320B 18Ed*
Alkalinity - carbonate as CaCO ₃	32 mg/L		10/17/13 11:00	ACV	SM 2320B 18Ed*
Alkalinity - hydroxide as CaCO ₃	< 2.0 mg/L		10/17/13 11:00	ACV	SM 2320B 18Ed*
Alkalinity - total as CaCO ₃	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 04KS 18Ed - EPA 150.1 - SW 9040B
Solids - total dissolved solids (TDS)	400 mg/L		10/09/13 16:30	DAW	SM 2540C 18Ed*
<u>Nutrients - STL</u>					
Ammonia-N	0.45 mg/L		10/09/13 13:30	ACV	SM(18) 4500 NH ₃ 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 04KS 18ed
<u>Total Metals - STL</u>					
Silicon as SiO ₂	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 CaCO ₃	< 2.0	mg/L						
LCS (B317310-BS1)			Prepared & Analyzed: 10/08/13					
Alkalinity - total as CaCO ₃	1000	mg/L	1000		100	90-110		
Duplicate (B317310-DUP1)			Source: 3101243-01 Prepared & Analyzed: 10/08/13					
Alkalinity - total as CaCO ₃	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 CaCO ₃	< 2.0	mg/L						
Alkalinity - bicarbonate as CaCO ₃	< 2.0	mg/L						
Alkalinity - carbonate as CaCO ₃	< 2.0	mg/L						
Duplicate (B317854-DUP1)			Source: 3101243-01 Prepared & Analyzed: 10/17/13					
Alkalinity - bicarbonate as CaCO ₃	28.0	mg/L		28.0			0	20
Alkalinity - hydroxide as CaCO ₃	< 2.0	mg/L		ND				20
Alkalinity - carbonate as CaCO ₃	32.0	mg/L		32.0			0	20

3101243

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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)			Prepared & Analyzed: 10/09/13					
Ammonia-N	1.73	mg/L		1.82			5	20
Matrix Spike (B317373-MS1)			Prepared & Analyzed: 10/09/13					
Ammonia-N	12.2	mg/L	10.00	2.86	93	80-120		
Matrix Spike Dup (B317373-MSD1)			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)			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)			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)			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)			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
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Batch B317381 - 04 EPA 200.2 R2.8

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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		

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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)			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)			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)			Prepared & Analyzed: 10/10/13					
Chloride	160	mg/L	150.0	23	89	80-120		

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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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Laboratory Results

Notes

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

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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)
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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.

Certified by: Roxann Shull, Client Services Supervisor



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(Instructions/Sample Acceptance Policy on Reverse)

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

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

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Bridgeton Landfill
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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
<u>General Chemistry - STL</u>					
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 04KS 18Ed - EPA 150.1 - SW 9040B
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
<u>Volatile Organics - STL</u>					
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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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								

3103523

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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 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)			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)			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		

3103523

**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: 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		



PDC Laboratories, Inc.

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Laboratory Results

Notes

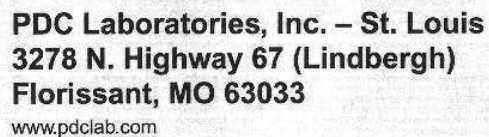
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NELAC Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking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



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

(Instructions/Sample Acceptance Policy on Reverse)

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