

### ANALYTICAL RESULTS

Workorder: 2250394 Kutztown Well and Water Projec

Lab ID: **2250394001**  
Sample ID: **Kutztown Discharge**

Date Collected: 7/31/2017 11:35 Matrix: Water  
Date Received: 8/1/2017 19:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Bromoform	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Chloroform	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			8/2/17 19:25	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Styrene	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Tetrachloroethene	2.4		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A

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### ANALYTICAL RESULTS

Workorder: 2250394 Kutztown Well and Water Projec

Lab ID: **2250394001**  
Sample ID: **Kutztown Discharge**

Date Collected: 7/31/2017 11:35 Matrix: Water  
Date Received: 8/1/2017 19:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			8/2/17 19:25	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	81.2		%	70 - 130	EPA 524.2			8/2/17 19:25	TMP	A
4-Bromofluorobenzene (S)	84.2		%	70 - 130	EPA 524.2			8/2/17 19:25	TMP	A



Ms. Amy K Borden  
Project Coordinator

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### ANALYTICAL RESULTS

Workorder: 2250394 Kutztown Well and Water Project

Lab ID: **2250394003**  
Sample ID: **Kutztown Sump**

Date Collected: 7/31/2017 11:07 Matrix: Water  
Date Received: 8/1/2017 19:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>										
Benzene	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Bromoform	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Chloroform	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			8/2/17 20:14	TMP	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Styrene	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
1,1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Tetrachloroethene	7.6		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Toluene	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A

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### ANALYTICAL RESULTS

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Lab ID: **2250394003** Date Collected: 7/31/2017 11:07 Matrix: Water  
Sample ID: **Kutztown Sump** Date Received: 8/1/2017 19:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			8/2/17 20:14	TMP	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared</i>	<i>By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	79.4		%	70 - 130	EPA 524.2			8/2/17 20:14	TMP	A
4-Bromofluorobenzene (S)	77		%	70 - 130	EPA 524.2			8/2/17 20:14	TMP	A



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