

ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234001**
Sample ID: **Well #2 Kutztown**

Date Collected: 6/21/2017 12:16 Matrix: Water
Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Bromoform	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Chloroform	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			6/28/17 07:43	CJG	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Styrene	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Tetrachloroethene	1.9		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Toluene	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A

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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234001**
Sample ID: **Well #2 Kutztown**

Date Collected: 6/21/2017 12:16 Matrix: Water
Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 07:43	CJG	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)	76.3		%	70 - 130	EPA 524.2			6/28/17 07:43	CJG	A
4-Bromofluorobenzene (S)	83.7		%	70 - 130	EPA 524.2			6/28/17 07:43	CJG	A



Ms. Amy K Borden
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234002**
Sample ID: **Well #5- Kutztown**

Date Collected: 6/21/2017 11:06 Matrix: Water
Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Bromoform	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Chloroform	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			6/28/17 08:07	CJG	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Styrene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Tetrachloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Toluene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A

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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234002**
Sample ID: **Well #5- Kutztown**

Date Collected: 6/21/2017 11:06 Matrix: Water
Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 08:07	CJG	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)	93.2		%	70 - 130	EPA 524.2			6/28/17 08:07	CJG	A
4-Bromofluorobenzene (S)	99.3		%	70 - 130	EPA 524.2			6/28/17 08:07	CJG	A



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Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234003**
Sample ID: **Well #6- Kutztown**

Date Collected: 6/21/2017 12:39 Matrix: Water
Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Bromoform	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Chloroform	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			6/28/17 08:31	CJG	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Styrene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Tetrachloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Toluene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A

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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234003**
Sample ID: **Well #6- Kutztown**

Date Collected: 6/21/2017 12:39 Matrix: Water
Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 08:31	CJG	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)	82.9		%	70 - 130	EPA 524.2			6/28/17 08:31	CJG	A
4-Bromofluorobenzene (S)	85.7		%	70 - 130	EPA 524.2			6/28/17 08:31	CJG	A



Ms. Amy K Borden
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234004**
Sample ID: **Well #7- Kutztown**

Date Collected: 6/21/2017 11:58 Matrix: Water
Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Bromoform	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Chloroform	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			6/28/17 08:55	CJG	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Styrene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Tetrachloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Toluene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A

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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234004**
Sample ID: **Well #7- Kutztown**

Date Collected: 6/21/2017 11:58 Matrix: Water
Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 08:55	CJG	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)	85.3		%	70 - 130	EPA 524.2			6/28/17 08:55	CJG	A
4-Bromofluorobenzene (S)	84.1		%	70 - 130	EPA 524.2			6/28/17 08:55	CJG	A



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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234005**
Sample ID: **Well #8- Kutztown**

Date Collected: 6/21/2017 13:15 Matrix: Water
Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Bromoform	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Chloroform	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			6/28/17 14:11	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Styrene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Tetrachloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A

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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234005**
Sample ID: **Well #8- Kutztown**

Date Collected: 6/21/2017 13:15 Matrix: Water
Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 14:11	DD	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)	83.2		%	70 - 130	EPA 524.2			6/28/17 14:11	DD	A
4-Bromofluorobenzene (S)	87.2		%	70 - 130	EPA 524.2			6/28/17 14:11	DD	A



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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234006**
Sample ID: **Well #9- Kutztown**

Date Collected: 6/21/2017 11:33 Matrix: Water
Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Bromoform	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Chloroform	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			6/28/17 14:35	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Styrene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Tetrachloroethene	0.78		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A

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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234006**
Sample ID: **Well #9- Kutztown**

Date Collected: 6/21/2017 11:33 Matrix: Water
Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 14:35	DD	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)	86.3		%	70 - 130	EPA 524.2			6/28/17 14:35	DD	A
4-Bromofluorobenzene (S)	85.2		%	70 - 130	EPA 524.2			6/28/17 14:35	DD	A



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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234007**
Sample ID: **Well #10- Kutztown**

Date Collected: 6/21/2017 13:53 Matrix: Water
Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Bromoform	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Chloroform	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			6/28/17 14:59	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Styrene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Tetrachloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A

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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234007**
Sample ID: **Well #10- Kutztown**

Date Collected: 6/21/2017 13:53 Matrix: Water
Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 14:59	DD	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)	117		%	70 - 130	EPA 524.2			6/28/17 14:59	DD	A
4-Bromofluorobenzene (S)	127		%	70 - 130	EPA 524.2			6/28/17 14:59	DD	A



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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234008**

Date Collected: 6/21/2017 14:10

Matrix: Water

Sample ID: **Weaver Well- Kutztown**

Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Bromoform	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Chloroform	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			6/28/17 15:23	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Styrene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Tetrachloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A

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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234008**

Date Collected: 6/21/2017 14:10

Matrix: Water

Sample ID: **Weaver Well- Kutztown**

Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 15:23	DD	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)	118		%	70 - 130	EPA 524.2			6/28/17 15:23	DD	A
4-Bromofluorobenzene (S)	127		%	70 - 130	EPA 524.2			6/28/17 15:23	DD	A



Ms. Amy K Borden

Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234009**
Sample ID: **Kutztown Sump**

Date Collected: 6/21/2017 13:00 Matrix: Water
Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Bromoform	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Chloroform	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			6/28/17 15:47	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Styrene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Tetrachloroethene	1.1		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A

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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234009**
Sample ID: **Kutztown Sump**

Date Collected: 6/21/2017 13:00 Matrix: Water
Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 15:47	DD	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)	80.9		%	70 - 130	EPA 524.2			6/28/17 15:47	DD	A
4-Bromofluorobenzene (S)	80.1		%	70 - 130	EPA 524.2			6/28/17 15:47	DD	A



Ms. Amy K Borden
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234010**

Date Collected: 6/21/2017 14:42

Matrix: Water

Sample ID: **Kutztown Discharge**

Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Bromoform	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Chloroform	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			6/28/17 16:11	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Styrene	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Tetrachloroethene	3.0		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A

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ANALYTICAL RESULTS

Workorder: 2241234 Kutztown Well and Water projec

Lab ID: **2241234010**
Sample ID: **Kutztown Discharge**

Date Collected: 6/21/2017 14:42 Matrix: Water
Date Received: 6/22/2017 20:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			6/28/17 16:11	DD	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)	84.5		%	70 - 130	EPA 524.2			6/28/17 16:11	DD	A
4-Bromofluorobenzene (S)	88.3		%	70 - 130	EPA 524.2			6/28/17 16:11	DD	A



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