

ANALYTICAL RESULTS

Workorder: 2249258 Kutztown Well & Water

Lab ID: **2249258001**

Date Collected: 7/25/2017 12:30

Matrix: Water

Sample ID: **Weel #2 - Kutztown**

Date Received: 7/26/2017 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Bromoform	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Chloroform	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			7/28/17 14:46	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Styrene	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Tetrachloroethene	2.1		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A

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ANALYTICAL RESULTS

Workorder: 2249258 Kutztown Well & Water

 Lab ID: **2249258001** Date Collected: 7/25/2017 12:30 Matrix: Water
 Sample ID: **Weel #2 - Kutztown** Date Received: 7/26/2017 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	DD	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			7/28/17 14:46	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)	98.6		%	70 - 130	EPA 524.2			7/28/17 14:46	DD	A
4-Bromofluorobenzene (S)	124		%	70 - 130	EPA 524.2			7/28/17 14:46	DD	A



 Ms. Amy K Borden
 Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2249258 Kutztown Well & Water

Lab ID: **2249258002**
Sample ID: **Weel #5 - Kutztown**

Date Collected: 7/25/2017 11:45 Matrix: Water
Date Received: 7/26/2017 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Bromoform	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Chloroform	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			7/28/17 15:10	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Styrene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Tetrachloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A

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ANALYTICAL RESULTS

Workorder: 2249258 Kutztown Well & Water

Lab ID: **2249258002**
Sample ID: **Weel #5 - Kutztown**

Date Collected: 7/25/2017 11:45 Matrix: Water
Date Received: 7/26/2017 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	DD	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			7/28/17 15:10	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)	101		%	70 - 130	EPA 524.2			7/28/17 15:10	DD	A
4-Bromofluorobenzene (S)	105		%	70 - 130	EPA 524.2			7/28/17 15:10	DD	A



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ANALYTICAL RESULTS

Workorder: 2249258 Kutztown Well & Water

Lab ID: **2249258003**
Sample ID: **Weel #6 - Kutztown**

Date Collected: 7/25/2017 13:31 Matrix: Water
Date Received: 7/26/2017 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Bromoform	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Chloroform	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			7/28/17 15:34	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Styrene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Tetrachloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A

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ANALYTICAL RESULTS

Workorder: 2249258 Kutztown Well & Water

Lab ID: **2249258003**
Sample ID: **Weel #6 - Kutztown**

Date Collected: 7/25/2017 13:31 Matrix: Water
Date Received: 7/26/2017 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	DD	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			7/28/17 15:34	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)	98		%	70 - 130	EPA 524.2			7/28/17 15:34	DD	A
4-Bromofluorobenzene (S)	106		%	70 - 130	EPA 524.2			7/28/17 15:34	DD	A



Ms. Amy K Borden
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2249258 Kutztown Well & Water

Lab ID: **2249258004**
Sample ID: **Weel #7 - Kutztown**

Date Collected: 7/25/2017 14:10 Matrix: Water
Date Received: 7/26/2017 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Bromoform	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Chloroform	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			7/28/17 15:58	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Styrene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Tetrachloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A

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ANALYTICAL RESULTS

Workorder: 2249258 Kutztown Well & Water

Lab ID: **2249258004**
Sample ID: **Weel #7 - Kutztown**

Date Collected: 7/25/2017 14:10 Matrix: Water
Date Received: 7/26/2017 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	DD	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			7/28/17 15:58	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)	94.5		%	70 - 130	EPA 524.2			7/28/17 15:58	DD	A
4-Bromofluorobenzene (S)	101		%	70 - 130	EPA 524.2			7/28/17 15:58	DD	A



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Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2249258 Kutztown Well & Water

Lab ID: **2249258005** Date Collected: 7/25/2017 12:55 Matrix: Water
Sample ID: **Weel #8 - Kutztown** Date Received: 7/26/2017 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Bromoform	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Chloroform	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			7/28/17 16:22	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Styrene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Tetrachloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A

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ANALYTICAL RESULTS

Workorder: 2249258 Kutztown Well & Water

Lab ID: **2249258005**
Sample ID: **Weel #8 - Kutztown**

Date Collected: 7/25/2017 12:55 Matrix: Water
Date Received: 7/26/2017 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	DD	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			7/28/17 16:22	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)	97		%	70 - 130	EPA 524.2			7/28/17 16:22	DD	A
4-Bromofluorobenzene (S)	102		%	70 - 130	EPA 524.2			7/28/17 16:22	DD	A



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ANALYTICAL RESULTS

Workorder: 2249258 Kutztown Well & Water

Lab ID: **2249258006**

Date Collected: 7/25/2017 11:20

Matrix: Water

Sample ID: **Weel #9 - Kutztown**

Date Received: 7/26/2017 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Bromoform	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Chloroform	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			7/28/17 16:47	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Styrene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Tetrachloroethene	0.81		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A

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ANALYTICAL RESULTS

Workorder: 2249258 Kutztown Well & Water

Lab ID: **2249258006** Date Collected: 7/25/2017 11:20 Matrix: Water
Sample ID: **Weel #9 - Kutztown** Date Received: 7/26/2017 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	DD	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			7/28/17 16:47	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)	102		%	70 - 130	EPA 524.2			7/28/17 16:47	DD	A
4-Bromofluorobenzene (S)	126		%	70 - 130	EPA 524.2			7/28/17 16:47	DD	A



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ANALYTICAL RESULTS

Workorder: 2249258 Kutztown Well & Water

Lab ID: **2249258007**

Date Collected: 7/25/2017 13:12

Matrix: Water

Sample ID: **Weel #10 - Kutztown**

Date Received: 7/26/2017 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Bromobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Bromoform	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Bromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Chloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Chloroform	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Chloromethane	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Dibromomethane	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			7/28/17 17:11	DD	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Styrene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Tetrachloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Toluene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Total Xylenes	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A

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ANALYTICAL RESULTS

Workorder: 2249258 Kutztown Well & Water

Lab ID: **2249258007**
Sample ID: **Weel #10 - Kutztown**

Date Collected: 7/25/2017 13:12 Matrix: Water
Date Received: 7/26/2017 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	DD	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			7/28/17 17:11	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)	107		%	70 - 130	EPA 524.2			7/28/17 17:11	DD	A
4-Bromofluorobenzene (S)	129		%	70 - 130	EPA 524.2			7/28/17 17:11	DD	A



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ANALYTICAL RESULTS

Workorder: 2249258 Kutztown Well & Water

Lab ID: **2249258008** Date Collected: 7/25/2017 10:55 Matrix: Water
Sample ID: **Weaver Well _ Kutztown** Date Received: 7/26/2017 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Benzene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Bromobenzene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Bromodichloromethane	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Bromoform	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Bromomethane	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Chlorobenzene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Chlorodibromomethane	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Chloroethane	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Chloroform	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Chloromethane	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
o-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
p-Chlorotoluene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Dibromomethane	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
1,3-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
1,1-Dichloroethane	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
1,3-Dichloropropane	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
2,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
1,1-Dichloropropene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
1,3-Dichloropropene, Total	ND		ug/L	1.0	EPA 524.2			8/1/17 07:12	CJG	B
Ethylbenzene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Methylene Chloride	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Styrene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
1,1,1,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
1,1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Tetrachloroethene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Toluene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Total Xylenes	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B

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ANALYTICAL RESULTS

Workorder: 2249258 Kutztown Well & Water

Lab ID: **2249258008** Date Collected: 7/25/2017 10:55 Matrix: Water
Sample ID: **Weaver Well _ Kutztown** Date Received: 7/26/2017 19:25

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Trichloroethene	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			8/1/17 07:12	CJG	B
<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)	91.7		%	70 - 130	EPA 524.2			8/1/17 07:12	CJG	B
4-Bromofluorobenzene (S)	97.5		%	70 - 130	EPA 524.2			8/1/17 07:12	CJG	B



Ms. Amy K Borden
Project Coordinator

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