



**ANALYTICAL RESULTS**

Workorder: 2341306 Kutztown Well & Water Project

Lab ID: 2341306001  
Sample ID: Well #2- Kutztown

Date Collected: 9/27/2018 09:45 Matrix: Drinking Water  
Date Received: 9/28/2018 17:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>METALS</b>										
Antimony, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:55	MO	A1
Arsenic, Total	ND		mg/L	0.0015	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:55	MO	A1
Beryllium, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:55	MO	A1
Cadmium, Total	0.0016		mg/L	0.00020	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:55	MO	A1
Chromium, Total	0.0054		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:55	MO	A1
Copper, Total	ND		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:55	MO	A1
Lead, Total	0.0016		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:55	MO	A1
Mercury, Total	ND		mg/L	0.00010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:55	MO	A1
Nickel, Total	0.0028		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:55	MO	A1
Selenium, Total	ND		mg/L	0.0020	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:55	MO	A1
Silver, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:55	MO	A1
Thallium, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:55	MO	A1
Zinc, Total	0.33		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:55	MO	A1

*Vanessa N. Badman*

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**ANALYTICAL RESULTS**

Workorder: 2341306 Kutztown Well &amp; Water Project

 Lab ID: **2341306002** Date Collected: 9/27/2018 10:15 Matrix: Drinking Water  
 Sample ID: **Well #5- Kutztown** Date Received: 9/28/2018 17:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>METALS</b>										
Antimony, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:59	MO	A1
Arsenic, Total	0.0024		mg/L	0.0015	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:59	MO	A1
Beryllium, Total	0.0014		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:59	MO	A1
Cadmium, Total	0.00028		mg/L	0.00020	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:59	MO	A1
Chromium, Total	0.0023		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:59	MO	A1
Copper, Total	0.0037		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:59	MO	A1
Lead, Total	0.0037		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:59	MO	A1
Mercury, Total	ND		mg/L	0.00010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:59	MO	A1
Nickel, Total	0.0086		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:59	MO	A1
Selenium, Total	ND		mg/L	0.0020	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:59	MO	A1
Silver, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:59	MO	A1
Thallium, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:59	MO	A1
Zinc, Total	0.038		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 12:59	MO	A1



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ANALYTICAL RESULTS

Workorder: 2341306 Kutztown Well & Water Project

Lab ID: 2341306003  
Sample ID: Well #6a- Kutztown

Date Collected: 9/27/2018 09:45 Matrix: Drinking Water  
Date Received: 9/28/2018 17:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>METALS</b>										
Antimony, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:13	MO	A1
Arsenic, Total	ND		mg/L	0.0015	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:13	MO	A1
Beryllium, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:13	MO	A1
Cadmium, Total	0.00037		mg/L	0.00020	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:13	MO	A1
Chromium, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:13	MO	A1
Copper, Total	ND		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:13	MO	A1
Lead, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:13	MO	A1
Mercury, Total	ND		mg/L	0.00010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:13	MO	A1
Nickel, Total	0.0038		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:13	MO	A1
Selenium, Total	ND		mg/L	0.0020	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:13	MO	A1
Silver, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:13	MO	A1
Thallium, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:13	MO	A1
Zinc, Total	0.010		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:13	MO	A1

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ANALYTICAL RESULTS

Workorder: 2341306 Kutztown Well & Water Project

Lab ID: 2341306004  
Sample ID: Well #7- Kutztown

Date Collected: 9/27/2018 10:00 Matrix: Drinking Water  
Date Received: 9/28/2018 17:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2			10/4/18 18:11	DD	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2			10/4/18 18:11	DD	A
1,2,3-Trichloropropane	ND		ug/L	0.50	EPA 524.2			10/4/18 18:11	DD	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2			10/4/18 18:11	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)	70.9		%	70 - 130	EPA 524.2			10/4/18 18:11	DD	A
4-Bromofluorobenzene (S)	71.9		%	70 - 130	EPA 524.2			10/4/18 18:11	DD	A

METALS

Antimony, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:02	MO	D1
Arsenic, Total	ND		mg/L	0.0015	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:02	MO	D1
Beryllium, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:02	MO	D1
Cadmium, Total	ND		mg/L	0.00020	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:02	MO	D1
Chromium, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:02	MO	D1
Copper, Total	ND		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:02	MO	D1
Lead, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:02	MO	D1
Mercury, Total	ND		mg/L	0.00010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:02	MO	D1
Nickel, Total	0.0050		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:02	MO	D1
Selenium, Total	ND		mg/L	0.0020	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:02	MO	D1
Silver, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:02	MO	D1
Thallium, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:02	MO	D1
Zinc, Total	0.013		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:02	MO	D1

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### ANALYTICAL RESULTS

Workorder: 2341306 Kutztown Well &amp; Water Project

Lab ID:	2341306005	Date Collected:	9/27/2018 10:07	Matrix:	Drinking Water
Sample ID:	Well #8- Kutztown	Date Received:	9/28/2018 17:30		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>METALS</b>										
Antimony, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:23	MO	A1
Arsenic, Total	ND		mg/L	0.0015	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:23	MO	A1
Beryllium, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:23	MO	A1
Cadmium, Total	ND		mg/L	0.00020	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:23	MO	A1
Chromium, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:23	MO	A1
Copper, Total	ND		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:23	MO	A1
Lead, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:23	MO	A1
Mercury, Total	ND		mg/L	0.00010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:23	MO	A1
Nickel, Total	ND		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:23	MO	A1
Selenium, Total	ND		mg/L	0.0020	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:23	MO	A1
Silver, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:23	MO	A1
Thallium, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:23	MO	A1
Zinc, Total	ND		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:23	MO	A1



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### ANALYTICAL RESULTS

Workorder: 2341310 Kutztown Well &amp; Water Project

 Lab ID: **2341310001** Date Collected: 9/27/2018 10:33 Matrix: Drinking Water  
 Sample ID: **Well #9-Kutztown** Date Received: 9/28/2018 17:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>METALS</b>										
Antimony, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:27	MO	A1
Arsenic, Total	ND		mg/L	0.0015	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:27	MO	A1
Beryllium, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:27	MO	A1
Cadmium, Total	ND		mg/L	0.00020	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:27	MO	A1
Chromium, Total	0.0023		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:27	MO	A1
Copper, Total	0.0025		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:27	MO	A1
Lead, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:27	MO	A1
Mercury, Total	ND		mg/L	0.00010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:27	MO	A1
Nickel, Total	ND		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:27	MO	A1
Selenium, Total	ND		mg/L	0.0020	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:27	MO	A1
Silver, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:27	MO	A1
Thallium, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:27	MO	A1
Zinc, Total	0.015		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:27	MO	A1

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**ANALYTICAL RESULTS**

Workorder: 2341310 Kutztown Well &amp; Water Project

Lab ID: **2341310002** Date Collected: 9/27/2018 09:55 Matrix: Drinking Water  
Sample ID: **Well #10-Kutztown** Date Received: 9/28/2018 17:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>METALS</b>										
Antimony, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:31	MO	A1
Arsenic, Total	ND		mg/L	0.0015	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:31	MO	A1
Beryllium, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:31	MO	A1
Cadmium, Total	ND		mg/L	0.00020	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:31	MO	A1
Chromium, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:31	MO	A1
Copper, Total	ND		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:31	MO	A1
Lead, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:31	MO	A1
Mercury, Total	ND		mg/L	0.00010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:31	MO	A1
Nickel, Total	0.0029		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:31	MO	A1
Selenium, Total	ND		mg/L	0.0020	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:31	MO	A1
Silver, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:31	MO	A1
Thallium, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:31	MO	A1
Zinc, Total	ND		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:31	MO	A1



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ANALYTICAL RESULTS

Workorder: 2341310 Kutztown Well & Water Project

Lab ID: 2341310003 Date Collected: 9/27/2018 10:55 Matrix: Drinking Water  
Sample ID: Weaver Well- Kutztown Date Received: 9/28/2018 17:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
<b>METALS</b>										
Antimony, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:36	MO	A1
Arsenic, Total	ND		mg/L	0.0015	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:36	MO	A1
Beryllium, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:36	MO	A1
Cadmium, Total	ND		mg/L	0.00020	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:36	MO	A1
Chromium, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:36	MO	A1
Copper, Total	ND		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:36	MO	A1
Lead, Total	ND		mg/L	0.0010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:36	MO	A1
Mercury, Total	ND		mg/L	0.00010	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:36	MO	A1
Nickel, Total	ND		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:36	MO	A1
Selenium, Total	ND		mg/L	0.0020	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:36	MO	A1
Silver, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:36	MO	A1
Thallium, Total	ND		mg/L	0.00050	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:36	MO	A1
Zinc, Total	0.0069		mg/L	0.0025	EPA 200.8	10/4/18 10:30	AHI	10/11/18 13:36	MO	A1

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