



10/6/2025

**Work Order: 25I2428**  
**Project: [none]**

**Plymouth Town Corporation**  
**Attn: Dixie Wilson**  
**PO Box 130**  
**Plymouth, UT 84330**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Joyce Applegate, Project Manager



## Certificate of Analysis

**Lab Sample No.: 25I2428-01**

<b>Name:</b> Plymouth Town Corporation	<b>Sample Date:</b> 9/24/2025 10:00 AM
<b>Sample Site:</b> Group Source Sampling Station	<b>Receipt Date:</b> 9/25/2025 10:07 AM
<b>Comments:</b>	<b>Sampler:</b> Craig Christofferson
<b>Sample Matrix:</b> Drinking Water	<b>Project:</b>
<b>PO Number:</b>	<b>System No.:</b> UTAH02013
<b>Source Code:</b> SS116	<b>Sample Point:</b> SS116
	<b>Report to State:</b> Y

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
<b>Inorganic</b>								
Cyanide, Total	ND	0.2	0.005	mg/L	EPA 335.4/9010C	09/29/2025	09/29/2025	
Fluoride	0.214	4	0.100	mg/L	EPA 300.0	09/25/2025	09/25/2025	
Nitrate as N	0.60	10	0.10	mg/L	EPA 300.0	09/25/2025 13:29	09/25/2025 20:45	
Sulfate	6.59	250	1.00	mg/L	EPA 300.0	09/25/2025	09/25/2025	
Total Dissolved Solids (TDS)	364	1000	20	mg/L	SM 2540 C	09/25/2025	09/25/2025	
Turbidity	0.43	5	0.05	NTU	EPA 180.1	09/25/2025 15:32	09/25/2025 16:21	
<b>Metals</b>								
Antimony, Total	ND	0.006	0.0005	mg/L	EPA 200.8/200.2	09/26/2025	09/26/2025	
Arsenic, Total	0.0014	0.01	0.0005	mg/L	EPA 200.8/200.2	09/26/2025	09/26/2025	
Barium, Total	0.061	2	0.005	mg/L	EPA 200.7/200.2	09/25/2025	09/25/2025	
Beryllium, Total	ND	0.004	0.002	mg/L	EPA 200.7/200.2	09/25/2025	09/25/2025	
Cadmium, Total	ND	0.005	0.0002	mg/L	EPA 200.8/200.2	09/26/2025	09/26/2025	
Chromium, Total	ND	0.1	0.005	mg/L	EPA 200.7/200.2	09/25/2025	09/25/2025	
Mercury, Total	ND	0.002	0.00020	mg/L	EPA 200.8/200.2	09/26/2025	09/26/2025	
Nickel, Total	ND	0.1	0.005	mg/L	EPA 200.7/200.2	09/25/2025	09/25/2025	
Selenium, Total	ND	0.05	0.00060	mg/L	EPA 200.8/200.2	09/26/2025	09/26/2025	
Sodium, Total	6.7		1.0	mg/L	EPA 200.7/200.2	09/25/2025	09/25/2025	
Thallium, Total	ND	0.002	0.0002	mg/L	EPA 200.8/200.2	09/26/2025	09/26/2025	
<b>Volatile Organic Compounds</b>								
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,1,1-Trichloroethane	ND	200	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,1,2-Trichloroethane	ND	5	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,1,2-Trichlorotrifluoroethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,1-Dichloroethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,1-Dichloroethene	ND	7	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,1-Dichloropropene	ND		0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,2,3-Trichlorobenzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,2,3-Trichloropropane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,2,4-Trichlorobenzene	ND	70	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,2,4-Trimethylbenzene	ND	70	1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,2-Dichlorobenzene	ND	600	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,2-Dichloroethane	ND	5	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,2-Dichloropropane	ND	5	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,3,5-Trimethylbenzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	



## Certificate of Analysis

**Lab Sample No.: 25I2428-01**

<b>Name:</b> Plymouth Town Corporation	<b>Sample Date:</b> 9/24/2025 10:00 AM
<b>Sample Site:</b> Group Source Sampling Station	<b>Receipt Date:</b> 9/25/2025 10:07 AM
<b>Comments:</b>	<b>Sampler:</b> Craig Christofferson
<b>Sample Matrix:</b> Drinking Water	<b>Project:</b>
<b>PO Number:</b>	<b>System No.:</b> UTAH02013
<b>Source Code:</b> SS116	<b>Sample Point:</b> SS116
	<b>Report to State:</b> Y

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Volatile Organic Compounds (cont.)								
1,3-Dichlorobenzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,3-Dichloropropane	ND		0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,4-Dichlorobenzene	ND	75	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
2,2-Dichloropropane	ND		0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
2-Chlorotoluene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
4-Chlorotoluene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Benzene	ND	5	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Bromobenzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Bromochloromethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Bromodichloromethane	ND		0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Bromoform	ND		0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Bromomethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Carbon Tetrachloride	ND	5	1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Chlorobenzene	ND	100	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Chloroethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Chloroform	ND		0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Chloromethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
cis-1,2-Dichloroethene	ND	70	1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
cis-1,3-Dichloropropene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Dibromochloromethane	ND		0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Dibromomethane	ND	5	1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Dichlorodifluoromethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Ethylbenzene	ND		0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Hexachlorobutadiene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Isopropylbenzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Methyl-tert-butyl ether (MTBE)	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Methylene Chloride	ND	5	1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Naphthalene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
n-Butylbenzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
n-Propyl Benzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
p-Isopropyltoluene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
sec-Butyl Benzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Styrene	ND	100	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
tert-Butylbenzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Tetrachloroethene	ND	5	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Toluene	ND	1000	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	



Certificate of Analysis

Lab Sample No.: 25I2428-01

<b>Name:</b> Plymouth Town Corporation	<b>Sample Date:</b> 9/24/2025 10:00 AM
<b>Sample Site:</b> Group Source Sampling Station	<b>Receipt Date:</b> 9/25/2025 10:07 AM
<b>Comments:</b>	<b>Sampler:</b> Craig Christofferson
<b>Sample Matrix:</b> Drinking Water	<b>Project:</b>
<b>PO Number:</b>	<b>System No.:</b> UTAH02013
<b>Source Code:</b> SS116	<b>Sample Point:</b> SS116
	<b>Report to State:</b> Y

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
<b>Volatile Organic Compounds (cont.)</b>								
trans-1,2-Dichloroethene	ND	100	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
trans-1,3-Dichloropropene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Trichloroethene	ND	5	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Trichlorofluoromethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Vinyl Chloride	ND	2	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Xylenes, total	ND	10000	1.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	



## Certificate of Analysis

**Lab Sample No.: 25I2428-02**

<b>Name:</b> Plymouth Town Corporation	<b>Sample Date:</b> 9/24/2025 10:30 AM
<b>Sample Site:</b> City Well #2	<b>Receipt Date:</b> 9/25/2025 10:07 AM
<b>Comments:</b>	<b>Sampler:</b> Craig Christofferson
<b>Sample Matrix:</b> Drinking Water	<b>Project:</b>
<b>PO Number:</b>	<b>System No.:</b> UTAH02013
<b>Source Code:</b> WS006	<b>Sample Point:</b> WS006
	<b>Report to State:</b> Y

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
<b>Inorganic</b>								
Cyanide, Total	ND	0.2	0.005	mg/L	EPA 335.4/9010C	09/29/2025	09/29/2025	
Fluoride	ND	4	0.100	mg/L	EPA 300.0	09/25/2025	09/25/2025	
Nitrate as N	0.53	10	0.10	mg/L	EPA 300.0	09/25/2025 13:29	09/25/2025 21:00	
Sulfate	18.1	250	1.00	mg/L	EPA 300.0	09/25/2025	09/25/2025	
Total Dissolved Solids (TDS)	272	1000	20	mg/L	SM 2540 C	09/25/2025	09/25/2025	
Turbidity	ND	5	0.05	NTU	EPA 180.1	09/25/2025 15:32	09/25/2025 16:21	
<b>Metals</b>								
Antimony, Total	ND	0.006	0.0005	mg/L	EPA 200.8/200.2	09/26/2025	09/26/2025	
Arsenic, Total	0.0017	0.01	0.0005	mg/L	EPA 200.8/200.2	09/26/2025	09/26/2025	
Barium, Total	0.079	2	0.005	mg/L	EPA 200.7/200.2	09/25/2025	09/25/2025	
Beryllium, Total	ND	0.004	0.002	mg/L	EPA 200.7/200.2	09/25/2025	09/25/2025	
Cadmium, Total	ND	0.005	0.0002	mg/L	EPA 200.8/200.2	09/26/2025	09/26/2025	
Chromium, Total	ND	0.1	0.005	mg/L	EPA 200.7/200.2	09/25/2025	09/25/2025	
Mercury, Total	ND	0.002	0.00020	mg/L	EPA 200.8/200.2	09/26/2025	09/26/2025	
Nickel, Total	ND	0.1	0.005	mg/L	EPA 200.7/200.2	09/25/2025	09/25/2025	
Selenium, Total	ND	0.05	0.00060	mg/L	EPA 200.8/200.2	09/26/2025	09/26/2025	
Sodium, Total	15.1		1.0	mg/L	EPA 200.7/200.2	09/25/2025	09/25/2025	
Thallium, Total	ND	0.002	0.0002	mg/L	EPA 200.8/200.2	09/26/2025	09/26/2025	
<b>Volatile Organic Compounds</b>								
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,1,1-Trichloroethane	ND	200	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,1,2-Trichloroethane	ND	5	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,1,2-Trichlorotrifluoroethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,1-Dichloroethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,1-Dichloroethene	ND	7	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,1-Dichloropropene	ND		0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,2,3-Trichlorobenzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,2,3-Trichloropropane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,2,4-Trichlorobenzene	ND	70	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,2,4-Trimethylbenzene	ND	70	1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,2-Dichlorobenzene	ND	600	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,2-Dichloroethane	ND	5	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,2-Dichloropropane	ND	5	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,3,5-Trimethylbenzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	



## Certificate of Analysis

**Lab Sample No.: 25I2428-02**

<b>Name:</b> Plymouth Town Corporation	<b>Sample Date:</b> 9/24/2025 10:30 AM
<b>Sample Site:</b> City Well #2	<b>Receipt Date:</b> 9/25/2025 10:07 AM
<b>Comments:</b>	<b>Sampler:</b> Craig Christofferson
<b>Sample Matrix:</b> Drinking Water	<b>Project:</b>
<b>PO Number:</b>	<b>System No.:</b> UTAH02013
<b>Source Code:</b> WS006	<b>Sample Point:</b> WS006
	<b>Report to State:</b> Y

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
<b>Volatile Organic Compounds (cont.)</b>								
1,3-Dichlorobenzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,3-Dichloropropane	ND		0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
1,4-Dichlorobenzene	ND	75	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
2,2-Dichloropropane	ND		0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
2-Chlorotoluene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
4-Chlorotoluene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Benzene	ND	5	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Bromobenzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Bromochloromethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Bromodichloromethane	ND		0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Bromoform	ND		0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Bromomethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Carbon Tetrachloride	ND	5	1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Chlorobenzene	ND	100	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Chloroethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Chloroform	ND		0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Chloromethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
cis-1,2-Dichloroethene	ND	70	1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
cis-1,3-Dichloropropene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Dibromochloromethane	ND		0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Dibromomethane	ND	5	1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Dichlorodifluoromethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Ethylbenzene	ND		0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Hexachlorobutadiene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Isopropylbenzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Methyl-tert-butyl ether (MTBE)	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Methylene Chloride	ND	5	1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Naphthalene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
n-Butylbenzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
n-Propyl Benzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
p-Isopropyltoluene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
sec-Butyl Benzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Styrene	ND	100	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
tert-Butylbenzene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Tetrachloroethene	ND	5	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Toluene	ND	1000	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	



## Certificate of Analysis

**Lab Sample No.: 25I2428-02**

<b>Name:</b> Plymouth Town Corporation	<b>Sample Date:</b> 9/24/2025 10:30 AM
<b>Sample Site:</b> City Well #2	<b>Receipt Date:</b> 9/25/2025 10:07 AM
<b>Comments:</b>	<b>Sampler:</b> Craig Christofferson
<b>Sample Matrix:</b> Drinking Water	<b>Project:</b>
<b>PO Number:</b>	<b>System No.:</b> UTAH02013
<b>Source Code:</b> WS006	<b>Sample Point:</b> WS006
	<b>Report to State:</b> Y

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
<b>Volatile Organic Compounds (cont.)</b>								
trans-1,2-Dichloroethene	ND	100	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
trans-1,3-Dichloropropene	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Trichloroethene	ND	5	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Trichlorofluoromethane	ND		1.0	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Vinyl Chloride	ND	2	0.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	
Xylenes, total	ND	10000	1.5	ug/L	EPA 524.2	10/01/2025	10/01/2025	



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

On calculated parameters, there may be a slight difference between summing the rounded values shown on the report vs the unrounded values used in the calculation.

