



551 State Street
Curwensville, PA 16833

Phone: 1-814-236-3540
Fax: 1-877-267-4152

www.mahaffeylaboratory.com

Certificate of Analysis

William Sabatose
Analytical Services Inc
PO Box 237
51 ProChem Tech Dr
Brockway, PA 15824

Project Ridgeway Township Water System HAA5 TTH
Description B.J.T.II

Lab Sample No. 1609162-001
Client Sample ID 712
Matrix Drinking Water (Rep)
Date Received 09/13/16 08:15
Date Sampled 09/06/16 12:50
Date Reported 09/22/16 20:12

Test	Method	Result	RL	MDL	Units	Analyst	Prep Date	Test Date	Qlf.
GC TTHM									
Total Trihalomethanes	EPA 524.2	0.050	0.001		mg/L	PW	Not Required	09/14/16	
Chloroform	EPA 524.2	0.040	0.001		mg/L	PW	Not Required	09/14/16	
Bromoform	EPA 524.2	<0.001	0.001		mg/L	PW	Not Required	09/14/16	
Dibromochloromethane	EPA 524.2	0.001	0.001		mg/L	PW	Not Required	09/14/16	
Bromodichloromethane	EPA 524.2	0.009	0.001		mg/L	PW	Not Required	09/14/16	

This report is being reissued to correct the PWS Client and PWS #. This report replaces all previous reports.
9/28/16 DRK

Approved By Carlton R. McCracken, Jr.
Carlton R. McCracken, Jr. Chemist



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Lab Sample No. 1609162-002
Client Sample ID 712
Matrix Drinking Water
Date Received 09/13/16 08:15
Date Sampled 09/06/16 12:50
Date Reported 09/22/16 20:12

Test	Method	Result	RL	MDL	Units	Analyst	Prep Date	Test Date	Qlf.
GC HAA5									
Haloacetic Acids (HAA5)	EPA 552.3	0.031	0.002		mg/L	PW	09/14/16	09/20/16	
Monochloroacetic Acid (MCAA)	EPA 552.3	<0.002	0.002		mg/L	PW	09/14/16	09/15/16	
Monobromoacetic Acid (MBAA)	EPA 552.3	<0.001	0.001		mg/L	PW	09/14/16	09/15/16	
Dichloroacetic Acid (DCAA)	EPA 552.3	0.017	0.002		mg/L	PW	09/14/16	09/20/16	R4
Trichloroacetic Acid (TCAA)	EPA 552.3	0.014	0.001		mg/L	PW	09/14/16	09/15/16	
Dibromoacetic Acid (DBAA)	EPA 552.3	<0.001	0.001		mg/L	PW	09/14/16	09/15/16	

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Qualifiers

R4 - Higher reporting limit due to dilution.

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Project Ridgeway Township Water SystemHAA5 TTHM
Description B,J,P,S.

Lab Sample No. 1609159-001
Client Sample ID 714DQ
Matrix Drinking Water
Date Received 09/13/16 08:15
Date Sampled 09/06/16 12:30
Date Reported 09/20/16 11:35

Test	Method	Result	RL	MDL	Units	Analyst	Prep Date	Test Date	Qlf.
GC TTHM									
Total Trihalomethanes	EPA 524.2	0.046	0.001		mg/L	PW	Not Required	09/14/16	
Chloroform	EPA 524.2	0.037	0.001		mg/L	PW	Not Required	09/14/16	
Bromoform	EPA 524.2	<0.001	0.001		mg/L	PW	Not Required	09/14/16	
Dibromochloromethane	EPA 524.2	0.001	0.001		mg/L	PW	Not Required	09/14/16	
Bromodichloromethane	EPA 524.2	0.008	0.001		mg/L	PW	Not Required	09/14/16	

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Project Ridgeway Township Water System HAA5 TTHM
Description B.J.P.S.

Lab Sample No. 1609159-002
Client Sample ID 714DQ
Matrix Drinking Water (Rep)
Date Received 09/13/16 08:15
Date Sampled 09/06/16 12:30
Date Reported 09/20/16 11:35

Test	Method	Result	RL	MDL	Units	Analyst	Prep Date	Test Date	Qlf.
GC HAA5									
Haloacetic Acids (HAA5)	EPA 552.3	0.029	0.002		mg/L	PW	09/14/16	09/15/16	
Monochloroacetic Acid (MCAA)	EPA 552.3	<0.002	0.002		mg/L	PW	09/14/16	09/15/16	
Monobromoacetic Acid (MBAA)	EPA 552.3	<0.001	0.001		mg/L	PW	09/14/16	09/15/16	
Dichloroacetic Acid (DCAA)	EPA 552.3	0.015	0.001		mg/L	PW	09/14/16	09/15/16	
Trichloroacetic Acid (TCAA)	EPA 552.3	0.014	0.001		mg/L	PW	09/14/16	09/15/16	
Dibromoacetic Acid (DBAA)	EPA 552.3	<0.001	0.001		mg/L	PW	09/14/16	09/15/16	

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Project Ridgeway Township Water SystemHAA5 TTHM
Description F.V.P.S.

Lab Sample No. 1609158-001
Client Sample ID 711DQ
Matrix Drinking Water
Date Received 09/13/16 08:15
Date Sampled 09/06/16 08:00
Date Reported 09/20/16 11:35

Test	Method	Result	RL	MDL	Units	Analyst	Prep Date	Test Date	Qlf.
GC TTHM									
Total Trihalomethanes	EPA 524.2	0.023	0.001		mg/L	PW	Not Required	09/14/16	
Chloroform	EPA 524.2	0.017	0.001		mg/L	PW	Not Required	09/14/16	
Bromoform	EPA 524.2	<0.001	0.001		mg/L	PW	Not Required	09/14/16	
Dibromochloromethane	EPA 524.2	0.001	0.001		mg/L	PW	Not Required	09/14/16	
Bromodichloromethane	EPA 524.2	0.005	0.001		mg/L	PW	Not Required	09/14/16	

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Project Ridgeway Township Water System HAA5 TTHM
Description F.V.P.S.

Lab Sample No. 1609158-002
Client Sample ID 711DQ
Matrix Drinking Water (Rep)
Date Received 09/13/16 08:15
Date Sampled 09/06/16 08:00
Date Reported 09/20/16 11:35

Test	Method	Result	RL	MDL	Units	Analyst	Prep Date	Test Date	Qlf.
GC HAA5									
Haloacetic Acids (HAA5)	EPA 552.3	0.024	0.002		mg/L	PW	09/14/16	09/15/16	
Monochloroacetic Acid (MCAA)	EPA 552.3	<0.002	0.002		mg/L	PW	09/14/16	09/15/16	
Monobromoacetic Acid (MBAA)	EPA 552.3	<0.001	0.001		mg/L	PW	09/14/16	09/15/16	
Dichloroacetic Acid (DCAA)	EPA 552.3	0.015	0.001		mg/L	PW	09/14/16	09/15/16	
Trichloroacetic Acid (TCAA)	EPA 552.3	0.009	0.001		mg/L	PW	09/14/16	09/15/16	
Dibromoacetic Acid (DBAA)	EPA 552.3	<0.001	0.001		mg/L	PW	09/14/16	09/15/16	

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Project Ridgeway Township Water System HAA5 TTH
Description Grant Rd

Lab Sample No. 1609157-001
Client Sample ID 710DQ
Matrix Drinking Water (Rep)
Date Received 09/13/16 08:15
Date Sampled 09/06/16 09:40
Date Reported 09/20/16 11:35

Test	Method	Result	RL	MDL	Units	Analyst	Prep Date	Test Date	Qlf.
GC TTHM									
Total Trihalomethanes	EPA 524.2	0.005	0.001		mg/L	PW	Not Required	09/14/16	
Chloroform	EPA 524.2	0.004	0.001		mg/L	PW	Not Required	09/14/16	
Bromoform	EPA 524.2	<0.001	0.001		mg/L	PW	Not Required	09/14/16	
Dibromochloromethane	EPA 524.2	<0.001	0.001		mg/L	PW	Not Required	09/14/16	
Bromodichloromethane	EPA 524.2	0.001	0.001		mg/L	PW	Not Required	09/14/16	

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Project Ridgeway Township Water System HAA5 TTH
Description Grant Rd

Lab Sample No. 1609157-002
Client Sample ID 710DQ
Matrix Drinking Water
Date Received 09/13/16 08:15
Date Sampled 09/06/16 09:40
Date Reported 09/20/16 11:35

Test	Method	Result	RL	MDL	Units	Analyst	Prep Date	Test Date	Qlf.
GC HAA5									
Haloacetic Acids (HAA5)	EPA 552.3	0.002	0.002		mg/L	PW	09/14/16	09/15/16	
Monochloroacetic Acid (MCAA)	EPA 552.3	<0.002	0.002		mg/L	PW	09/14/16	09/15/16	
Monobromoacetic Acid (MBAA)	EPA 552.3	<0.001	0.001		mg/L	PW	09/14/16	09/15/16	
Dichloroacetic Acid (DCAA)	EPA 552.3	0.002	0.001		mg/L	PW	09/14/16	09/15/16	
Trichloroacetic Acid (TCAA)	EPA 552.3	<0.001	0.001		mg/L	PW	09/14/16	09/15/16	
Dibromoacetic Acid (DBAA)	EPA 552.3	<0.001	0.001		mg/L	PW	09/14/16	09/15/16	

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