



551 State Street  
Curwensville, PA 16833

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

www.mahaffeylaboratory.com

### Certificate of Analysis

Chris Klase  
Ridgway Township Municipal Auth.  
1537B Montmorenci Rd  
Ridgway, Pa 15853

Project Quarterly HAA5 TTHM  
Description

Lab Sample No. 1803147-001  
Client Sample ID 710DQ  
Matrix Drinking Water (Rep)  
Date Received 03/07/18 14:45  
Date Sampled 03/06/2018 08:20  
Date Reported 3/19/2018

Test	Method	Result	RL	MDL	Units	Analyst	Prep Date	Test Date	Qlf.
<b>GC TTHM 524.3</b>									
Total Trihalomethanes	EPA 524.3	0.024	0.001		mg/L	PW	Not Required	03/16/18	
Chloroform	EPA 524.3	0.021	0.001		mg/L	PW	Not Required	03/16/18	
Bromodichloromethane	EPA 524.3	0.003	0.001		mg/L	PW	Not Required	03/16/18	
Dibromochloromethane	EPA 524.3	<0.001	0.001		mg/L	PW	Not Required	03/16/18	
Bromoform	EPA 524.3	<0.001	0.001		mg/L	PW	Not Required	03/16/18	

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



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Ridgway, Pa 15853

Project Quarterly HAA5 TTHM  
Description

Lab Sample No. 1803147-002  
Client Sample ID 711DQ  
Matrix Drinking Water (Rep)  
Date Received 03/07/18 14:45  
Date Sampled 03/06/2018 07:30  
Date Reported 3/19/2018

Test	Method	Result	RL	MDL	Units	Analyst	Prep Date	Test Date	Qlf.
<b>GC HAA5</b>									
Haloacetic Acids (HAA5)	EPA 552.3	0.025	0.002		mg/L	PW	03/14/19	03/16/18	
Monochloroacetic Acid (MCAA)	EPA 552.3	<0.002	0.002		mg/L	PW	03/14/19	03/16/18	
Monobromoacetic Acid (MBAA)	EPA 552.3	<0.001	0.001		mg/L	PW	03/14/19	03/16/18	
Dichloroacetic Acid (DCAA)	EPA 552.3	0.015	0.001		mg/L	PW	03/14/19	03/16/18	
Trichloroacetic Acid (TCAA)	EPA 552.3	0.010	0.001		mg/L	PW	03/14/19	03/16/18	
Dibromoacetic Acid (DBAA)	EPA 552.3	<0.001	0.001		mg/L	PW	03/14/19	03/16/18	

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1537B Montmorenci Rd  
Ridgway, Pa 15853

Project Quarterly HAA5 TTHM  
Description

Lab Sample No. 1803147-003  
Client Sample ID 712DQ  
Matrix Drinking Water (Rep)  
Date Received 03/07/18 14:45  
Date Sampled 03/06/2018 07:50  
Date Reported 3/19/2018

Test	Method	Result	RL	MDL	Units	Analyst	Prep Date	Test Date	Qlf.
<b>GC TTHM 524.3</b>									
Total Trihalomethanes	EPA 524.3	0.038	0.001		mg/L	PW	Not Required	03/16/18	
Chloroform	EPA 524.3	0.034	0.001		mg/L	PW	Not Required	03/16/18	
Bromodichloromethane	EPA 524.3	0.004	0.001		mg/L	PW	Not Required	03/16/18	
Dibromochloromethane	EPA 524.3	<0.001	0.001		mg/L	PW	Not Required	03/16/18	
Bromoform	EPA 524.3	<0.001	0.001		mg/L	PW	Not Required	03/16/18	

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1537B Montmorenci Rd  
Ridgway, Pa 15853

Project Quarterly HAA5 TTHM  
Description

Lab Sample No. 1803147-004  
Client Sample ID 714DQ  
Matrix Drinking Water (Rep)  
Date Received 03/07/18 14:45  
Date Sampled 03/06/2018 07:40  
Date Reported 3/19/2018

Test	Method	Result	RL	MDL	Units	Analyst	Prep Date	Test Date	Qlf.
<b>GC HAA5</b>									
Haloacetic Acids (HAA5)	EPA 552.3	0.029	0.002		mg/L	PW	03/14/19	03/16/18	
Monochloroacetic Acid (MCAA)	EPA 552.3	<0.002	0.002		mg/L	PW	03/14/19	03/16/18	
Monobromoacetic Acid (MBAA)	EPA 552.3	<0.001	0.001		mg/L	PW	03/14/19	03/16/18	
Dichloroacetic Acid (DCAA)	EPA 552.3	0.018	0.001		mg/L	PW	03/14/19	03/16/18	
Trichloroacetic Acid (TCAA)	EPA 552.3	0.011	0.001		mg/L	PW	03/14/19	03/16/18	
Dibromoacetic Acid (DBAA)	EPA 552.3	<0.001	0.001		mg/L	PW	03/14/19	03/16/18	

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

1803147



# CHAIN OF CUSTODY

551 STATE STREET  
CURWENSVILLE, PA 16833

PHONE: 814-236-3540  
FAX: 877-267-4152  
EMAIL: INFO@MAHAFFEYLABORATORY.COM

SDWA  REPORTING

RUSH

due date

REPORT TO: Chris Klase  
 COMPANY: Ridgway Township Municipal Authority  
 ADDRESS: 1537B Montmorenci Rd  
 Ridgway, Pa 15853  
 INVOICE TO: Same as above  
 COMPANY ADDRESS:

CONTACT: Chris Klase  
 PHONE: 814-772-2476  
 PWS ID# (IF APPLICABLE) 6240022  
 PROJECT NAME: Quarterly  
 SAMPLERS: A. Gosnell & C. Klase  
 FAX RESULTS: Y / N FAX:  
 EMAIL RESULTS: (Y) / N EMAIL: rtma1@windstream.net

Please note any comments on other side and check

Lab Use Only	Sample ID	Date Collected	Time	Sample Type	Sample Type (write code in sample type)	
					GW - Ground Water	SO - Soil WW - Wastewater
					SL - Sludge	SLD - Solid
1803147 001	710DQ	3/6/18	8:20 AM	DW	X	X
002	711DQ	3/6/18	7:30 AM	DW	X	X
003	712DQ	3/6/18	7:50 AM	DW	X	X
004	714DQ	3/6/18	7:40 AM	DW	X	X

Containers	HAAS	TTHM	HAAS	Analysis to be Performed	Preservatives
3-40ml vials	X			Unpreserved	
1-250ml amber	X	X		H2SO4	
3-40ml vials	X	X		HNO3	
1-250ml amber	X	X		HCl	
3-40ml vials	X	X		NaOH	
1-250ml amber	X	X		MeOH	
3-40ml vials	X	X		Na2S2O3	
1-250ml amber	X	X		Ascorbic Acid	
				NH3Cl4	
				Other	

**LAB COMMENTS:**

Shaded Areas for Laboratory Use Only

Method of Delivery:  Hand Delivery  Fed Ex  Courier  On Ice  Yes  No  Container Temperature C

Other  UPS  US Mail  Cool down in process  Out of Hold Time

Approved Container:  Preserved  Preserved Upon Receipt  Damaged

Relinquished By: A. Gosnell Date/Time: 3/7/18 8:20 AM  
 Date/Time: 3/7/18 11:20

Relinquished By: (Signature) Date/Time: 3/7/18 14:48  
 Date/Time: 3/7/18 14:48

PLEASE COMPLETE THE FOLLOWING INFORMATION TO RELINQUISH SAMPLE TO MAHAFFEY LABORATORY, LTD.

Chain of Custody Receiving Document

Receiver: DAB

Date/Time of check: 3/7/18 1445

Client: Ridgeway Tosp

Date Sampled: 3/6 - 3/7/18

Lab #: 1803147

Were The Samples Received On ICE?  Yes  No

Receiving Temperature: 7

COC/Labels On Bottles Agree?  Yes  No

If No, Please Explain. \_\_\_\_\_

Is/Are The Samples Properly Preserved?  Yes  No

If No, Please Explain. \_\_\_\_\_

Were Any Of The Samples Out Of Hold?  Yes  No

If Yes, Please Explain. \_\_\_\_\_

Were Any Of The Samples Damaged?  Yes  No

If Yes, Please Explain. \_\_\_\_\_

Method Of Delivery:

UPS      FedEx      US Mail       Lab Courier      Client      Other

Does Client Need To Be Contacted, Why? \_\_\_\_\_

Client Contacted By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Name Of Client Contacted: \_\_\_\_\_

Discussion/Outcome: \_\_\_\_\_