



September 23, 2024

Lab Reports
CITY OF RAVENSWOOD
1 Wall St.
Ravenswood, WV 26164

RE: Project: WV3301810
Pace Project No.: 30715660

Dear Lab Reports:

Enclosed are the analytical results for sample(s) received by the laboratory on September 06, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Beaver

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Cynthia Walker".

Cynthia Walker
cynthia.walker@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: WV3301810

Pace Project No.: 30715660

Pace Analytical Services Beaver

225 Industrial Park Road, Beaver, WV 25813

Virginia VELAP 460148

West Virginia DEP 060

West Virginia DHHR 00412CM

North Carolina DEQ 466

Kentucky Wastewater Certification KY90039

Pennsylvania DEP 68-00839

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE SUMMARY

Project: WV3301810

Pace Project No.: 30715660

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30715660001	23 WILSON	Drinking Water	09/05/24 07:30	09/06/24 15:35
30715660002	1002 GALLATIN	Drinking Water	09/05/24 05:00	09/06/24 15:35
30715660003	21 WILSON	Drinking Water	09/05/24 08:15	09/06/24 15:35
30715660004	806 CHERRY	Drinking Water	09/05/24 06:30	09/06/24 15:35
30715660005	711 HARPOLD	Drinking Water	09/05/24 07:30	09/06/24 15:35
30715660006	710 HARPOLD	Drinking Water	09/05/24 05:45	09/06/24 15:35
30715660007	708 FITZHUGH	Drinking Water	09/05/24 04:30	09/06/24 15:35
30715660008	602 HILLEREST	Drinking Water	09/05/24 05:00	09/06/24 15:35
30715660009	22 WEDGEWOOD	Drinking Water	09/05/24 08:15	09/06/24 15:35
30715660010	33 WEDGEWOOD	Drinking Water	09/05/24 10:30	09/06/24 15:35
30715660011	105 PURDY	Drinking Water	09/05/24 05:00	09/06/24 15:35
30715660012	107 PURDY	Drinking Water	09/05/24 08:00	09/06/24 15:35
30715660013	1265 PARK AVE	Drinking Water	09/05/24 06:30	09/06/24 15:35
30715660014	1009 ANN	Drinking Water	09/05/24 08:45	09/06/24 15:35
30715660015	400 WOOD	Drinking Water	09/05/24 10:00	09/06/24 15:35
30715660016	17 WILSON	Drinking Water	09/05/24 10:15	09/06/24 15:35
30715660017	1102 GALLATIN	Drinking Water	09/05/24 09:00	09/06/24 15:35
30715660018	705 ASHTON	Drinking Water	09/05/24 09:00	09/06/24 15:35
30715660019	29 BRIARWOOD DR	Drinking Water	09/05/24 11:00	09/06/24 15:35
30715660020	608 HILLCREST	Drinking Water	09/05/24 05:00	09/06/24 15:35

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: WV3301810

Pace Project No.: 30715660

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30715660001	23 WILSON	EPA 200.8	WES	2	PASI-BV
30715660002	1002 GALLATIN	EPA 200.8	WES	2	PASI-BV
30715660003	21 WILSON	EPA 200.8	WES	2	PASI-BV
30715660004	806 CHERRY	EPA 200.8	WES	2	PASI-BV
30715660005	711 HARPOLD	EPA 200.8	WES	2	PASI-BV
30715660006	710 HARPOLD	EPA 200.8	WES	2	PASI-BV
30715660007	708 FITZHUGH	EPA 200.8	WES	2	PASI-BV
30715660008	602 HILLEREST	EPA 200.8	WES	2	PASI-BV
30715660009	22 WEDGEWOOD	EPA 200.8	WES	2	PASI-BV
30715660010	33 WEDGEWOOD	EPA 200.8	WES	2	PASI-BV
30715660011	105 PURDY	EPA 200.8	WES	2	PASI-BV
30715660012	107 PURDY	EPA 200.8	WES	2	PASI-BV
30715660013	1265 PARK AVE	EPA 200.8	WES	2	PASI-BV
30715660014	1009 ANN	EPA 200.8	WES	2	PASI-BV
30715660015	400 WOOD	EPA 200.8	WES	2	PASI-BV
30715660016	17 WILSON	EPA 200.8	WES	2	PASI-BV
30715660017	1102 GALLATIN	EPA 200.8	WES	2	PASI-BV
30715660018	705 ASHTON	EPA 200.8	WES	2	PASI-BV
30715660020	608 HILLCREST	EPA 200.8	WES	2	PASI-BV

PASI-BV = Pace Analytical Services - Beaver

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: WV3301810

Pace Project No.: 30715660

Sample: 23 WILSON Lab ID: 30715660001 Collected: 09/05/24 07:30 Received: 09/06/24 15:35 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	9.1	ug/L	2.5	0.32	1		09/10/24 11:37	7440-50-8	
Lead	0.097J	ug/L	0.50	0.042	1		09/10/24 11:37	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: WV3301810
Pace Project No.: 30715660

Sample: 1002 GALLATIN		Lab ID: 30715660002		Collected: 09/05/24 05:00		Received: 09/06/24 15:35		Matrix: Drinking Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	128	ug/L	2.5	0.32	1		09/10/24 11:47	7440-50-8	
Lead	0.32J	ug/L	0.50	0.042	1		09/10/24 11:47	7439-92-1	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: WV3301810

Pace Project No.: 30715660

Sample: 21 WILSON Lab ID: 30715660003 Collected: 09/05/24 08:15 Received: 09/06/24 15:35 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	90.5	ug/L	2.5	0.32	1		09/10/24 11:50	7440-50-8	
Lead	0.73	ug/L	0.50	0.042	1		09/10/24 11:50	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: WV3301810

Pace Project No.: 30715660

Sample: 806 CHERRY Lab ID: 30715660004 Collected: 09/05/24 06:30 Received: 09/06/24 15:35 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	86.6	ug/L	2.5	0.32	1		09/10/24 11:54	7440-50-8	
Lead	1.9	ug/L	0.50	0.042	1		09/10/24 11:54	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: WV3301810

Pace Project No.: 30715660

Sample: 711 HARPOLD Lab ID: 30715660005 Collected: 09/05/24 07:30 Received: 09/06/24 15:35 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	77.1	ug/L	2.5	0.32	1		09/10/24 11:58	7440-50-8	
Lead	1.5	ug/L	0.50	0.042	1		09/10/24 11:58	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: WV3301810

Pace Project No.: 30715660

Sample: 710 HARPOLD Lab ID: 30715660006 Collected: 09/05/24 05:45 Received: 09/06/24 15:35 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	152	ug/L	2.5	0.32	1		09/10/24 12:07	7440-50-8	
Lead	3.8	ug/L	0.50	0.042	1		09/10/24 12:07	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: WV3301810
Pace Project No.: 30715660

Sample: 708 FITZHUGH		Lab ID: 30715660007		Collected: 09/05/24 04:30		Received: 09/06/24 15:35		Matrix: Drinking Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	105	ug/L	2.5	0.32	1		09/10/24 12:10	7440-50-8	
Lead	0.16J	ug/L	0.50	0.042	1		09/10/24 12:10	7439-92-1	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: WV3301810

Pace Project No.: 30715660

Sample: 602 HILLEREST Lab ID: 30715660008 Collected: 09/05/24 05:00 Received: 09/06/24 15:35 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	37.4	ug/L	2.5	0.32	1		09/10/24 12:14	7440-50-8	
Lead	0.85	ug/L	0.50	0.042	1		09/10/24 12:14	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: WV3301810

Pace Project No.: 30715660

Sample: 22 WEDGEWOOD Lab ID: 30715660009 Collected: 09/05/24 08:15 Received: 09/06/24 15:35 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	135	ug/L	2.5	0.32	1		09/10/24 12:17	7440-50-8	
Lead	0.47J	ug/L	0.50	0.042	1		09/10/24 12:17	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: WV3301810
Pace Project No.: 30715660

Sample: 33 WEDGEWOOD		Lab ID: 30715660010		Collected: 09/05/24 10:30		Received: 09/06/24 15:35		Matrix: Drinking Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	201	ug/L	2.5	0.32	1		09/10/24 12:20	7440-50-8	
Lead	0.66	ug/L	0.50	0.042	1		09/10/24 12:20	7439-92-1	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: WV3301810
Pace Project No.: 30715660

Sample: 105 PURDY		Lab ID: 30715660011		Collected: 09/05/24 05:00		Received: 09/06/24 15:35		Matrix: Drinking Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	108	ug/L	2.5	0.32	1		09/10/24 12:23	7440-50-8	
Lead	0.86	ug/L	0.50	0.042	1		09/10/24 12:23	7439-92-1	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: WV3301810

Pace Project No.: 30715660

Sample: 107 PURDY Lab ID: 30715660012 Collected: 09/05/24 08:00 Received: 09/06/24 15:35 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	84.9	ug/L	2.5	0.32	1		09/10/24 12:27	7440-50-8	
Lead	0.32J	ug/L	0.50	0.042	1		09/10/24 12:27	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: WV3301810

Pace Project No.: 30715660

Sample: 1265 PARK AVE Lab ID: 30715660013 Collected: 09/05/24 06:30 Received: 09/06/24 15:35 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	<0.32	ug/L	2.5	0.32	1		09/10/24 12:30	7440-50-8	
Lead	<0.042	ug/L	0.50	0.042	1		09/10/24 12:30	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: WV3301810
Pace Project No.: 30715660

Sample: 1009 ANN		Lab ID: 30715660014		Collected: 09/05/24 08:45		Received: 09/06/24 15:35		Matrix: Drinking Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	221	ug/L	2.5	0.32	1		09/10/24 12:33	7440-50-8	
Lead	3.3	ug/L	0.50	0.042	1		09/10/24 12:33	7439-92-1	

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: WV3301810

Pace Project No.: 30715660

Sample: 400 WOOD Lab ID: 30715660015 Collected: 09/05/24 10:00 Received: 09/06/24 15:35 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	72.8	ug/L	2.5	0.32	1		09/10/24 12:36	7440-50-8	
Lead	0.44J	ug/L	0.50	0.042	1		09/10/24 12:36	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: WV3301810

Pace Project No.: 30715660

Sample: 17 WILSON Lab ID: 30715660016 Collected: 09/05/24 10:15 Received: 09/06/24 15:35 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	29.3	ug/L	2.5	0.32	1		09/10/24 12:46	7440-50-8	
Lead	0.44J	ug/L	0.50	0.042	1		09/10/24 12:46	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: WV3301810

Pace Project No.: 30715660

Sample: 1102 GALLATIN Lab ID: 30715660017 Collected: 09/05/24 09:00 Received: 09/06/24 15:35 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	64.1	ug/L	2.5	0.32	1		09/10/24 12:49	7440-50-8	
Lead	1.4	ug/L	0.50	0.042	1		09/10/24 12:49	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: WV3301810

Pace Project No.: 30715660

Sample: 705 ASHTON Lab ID: 30715660018 Collected: 09/05/24 09:00 Received: 09/06/24 15:35 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	166	ug/L	2.5	0.32	1		09/10/24 12:52	7440-50-8	
Lead	7.9	ug/L	0.50	0.042	1		09/10/24 12:52	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: WV3301810

Pace Project No.: 30715660

Sample: 608 HILLCREST Lab ID: 30715660020 Collected: 09/05/24 05:00 Received: 09/06/24 15:35 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver							
Copper	85.9	ug/L	2.5	0.32	1		09/10/24 12:55	7440-50-8	
Lead	1.8	ug/L	0.50	0.042	1		09/10/24 12:55	7439-92-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALIFIERS

Project: WV3301810
Pace Project No.: 30715660

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WV3301810

Pace Project No.: 30715660

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30715660001	23 WILSON	EPA 200.8	694944		
30715660002	1002 GALLATIN	EPA 200.8	694944		
30715660003	21 WILSON	EPA 200.8	694944		
30715660004	806 CHERRY	EPA 200.8	694944		
30715660005	711 HARPOLD	EPA 200.8	694944		
30715660006	710 HARPOLD	EPA 200.8	694944		
30715660007	708 FITZHUGH	EPA 200.8	694944		
30715660008	602 HILLEREST	EPA 200.8	694944		
30715660009	22 WEDGEWOOD	EPA 200.8	694944		
30715660010	33 WEDGEWOOD	EPA 200.8	694944		
30715660011	105 PURDY	EPA 200.8	694944		
30715660012	107 PURDY	EPA 200.8	694944		
30715660013	1265 PARK AVE	EPA 200.8	694944		
30715660014	1009 ANN	EPA 200.8	694944		
30715660015	400 WOOD	EPA 200.8	694944		
30715660016	17 WILSON	EPA 200.8	694944		
30715660017	1102 GALLATIN	EPA 200.8	694944		
30715660018	705 ASHTON	EPA 200.8	694944		
30715660020	608 HILLCREST	EPA 200.8	694944		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields										LAB USE ONLY- Affix Workorder WO# : 30715660  30715660									
Company: City of Ravenswood					Billing Information: 1 Wall St Ravenswood, WV 26164					ALL SHADE Container Preservative Type ☐ C ☐ S ☐ T ☐ U ☐ O ** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other									
Address: 1 Wall St					Report To: Schuyler Thompson														
Copy To: Schuyler Thompson					Email To: Ravenswoodwater@gmail.com					Analyses Lab Profile/Line: Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA Custody Signatures Present Y N NA Collector Signature Present Y N NA Bottles Intact Y N NA Correct Bottles Y N NA Sufficient Volume Y N NA Samples Received on Ice Y N NA VOA - Headspace Acceptable Y N NA USDA Regulated Soils Y N NA Samples in Holding Time Y N NA Residual Chlorine Present Y N NA Cl Strips: Sample pH Acceptable Y N NA pH Strips: Sulfide Present Y N NA Lead Acetate Strips: LAB USE ONLY: Lab Sample # / Comments: 16764									
Customer Project Name/Number: Lead & Copper					Site Collection Info/Address: Ravenswood														
State: WV County/City: Jackson Time Zone Collected: [] PT [] MT [] CT [X] ET																			
Phone: Email: (304) 532-6197			Site/Facility ID #: 3301810			Compliance Monitoring? ☒ Yes ☐ No			Lead & Copper										
Collected By (print): S. Thompson			Purchase Order #: Quote #:			DW PWS ID #: 3301810 DW Location Code:													
Collected By (signature): <i>Schuyler Thompson</i>			Turnaround Date Required:			Immediately Packed on Ice: ☐ Yes ☐ No													
Sample Disposal: ☐ Dispose as appropriate ☐ Return ☐ Archive: ☐ Hold:			Rush: ☐ Same Day ☐ Next Day ☐ 2 Day ☐ 3 Day ☐ 4 Day ☒ 5 Day (Expedite Charges Apply)			Field Filtered (if applicable): ☐ Yes ☐ No Analysis:													
* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)																			
Customer Sample ID		Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns										
				Date	Time	Date	Time												
23 Wilson		Water	Grab	9-5-24	7:30am	9-5-24	7:30am		1										
1002 Gallatin		Water	Grab	9-5-24	5:00am	9-5-24	5:00am		1										
21 Wilson		Water	Grab	9-5-24	8:15am	9-5-24	8:15am		1										
806 Cherry		Water	Grab	9-5-24	6:30am	9-5-24	6:30am		1										
711 Chambers		Water	Grab	9-5-24	7:30am	9-5-24	7:30am		1										
710 Harpold		Water	Grab	9-5-24	5:45am	9-5-24	5:145am		1										
708 Fitzhugh		Water	Grab	9-5-24	4:30am	9-5-24	4:30am		1										
602 Hillcrest		Water	Grab	9-5-24	5:00am	9-5-24	5:00am		1										
22 Wedgewood		Water	Grab	9-5-24	8:54am	9-5-24	8:54am		1										
33 Wedgewood		Water	Grab	9-5-24	10:30	9-5-24	10:30		1										
Customer Remarks / Special Conditions / Possible Hazards:				Type of Ice Used: Wet Blue Dry None				SHORT HOLDS PRESENT (<72 hours): Y N N/A				Lab Sample Temperature Info: Temp Blank Received: Y N NA Therm ID#: M26 Cooler 1 Temp Upon Receipt: 20.6 c Cooler 1 Therm Corr. Factor: 0 oC Cooler 1 Corrected Temp: 20.1 oC Comments: 20.1							
				Packing Material Used:				Lab Tracking #: 2718024											
				Radchem sample(s) screened (<500 cpm): Y N NA				Samples received via: FEDEX UPS Client Courier Pace Courier											
Relinquished by/Company: (Signature) <i>Schuyler Thompson</i>			Date/Time: 9-6-24 1322		Received by/Company: (Signature) <i>[Signature]</i>			Date/Time: 9-6-24 1322		MTJL LAB USE ONLY		Trip Blank Received: Y N NA HCL MeOH TSP Other							
Relinquished by/Company: (Signature) <i>[Signature]</i>			Date/Time: 9-6-24 1535		Received by/Company: (Signature) <i>[Signature]</i>			Date/Time: 9-6-24 1535		Table #:									
Relinquished by/Company: (Signature)			Date/Time:		Received by/Company: (Signature)			Date/Time:		Acctnum:									
										Template:		Non Conformance(s): YES / NO							
										Prelogin:									
										PM:		Page 26 of 28 of: _____							
										PB:									

CHAIN-OF-CUSTODY Analytical Request Document Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields										LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here																			
Company: City of Ravenswood					Billing Information: 1 wall st Ravenswood, WV 26164					ALL SHADED AREAS are for LAB USE ONLY																			
Address: 1 wall st																													
Report To: Schuyler Thompson					Email To: Ravenswoodwater@gmail.com					** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other																			
Copy To: Schuyler Thompson					Site Collection Info/Address:																								
Customer Project Name/Number: Lead & Copper					State: County/City: Time Zone Collected: WV Jackson [] PT [] MT [] CT [X] ET					Analyses																			
Phone: Email: (304) 532-6197					Site/Facility ID #: 3301810					Compliance Monitoring? ☒ Yes [] No					Lab Profile/Line: Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA Custody Signatures Present Y N NA Collector Signature Present Y N NA Bottles Intact Y N NA Correct Bottles Y N NA Sufficient Volume Y N NA Samples Received on Ice Y N NA VOA - Headspace Acceptable Y N NA USDA Regulated Soils Y N NA Samples in Holding Time Y N NA Residual Chlorine Present Y N NA Cl Strips: _____ Sample pH Acceptable Y N NA pH Strips: _____ Sulfide Present Y N NA Lead Acetate Strips: _____ LAB USE ONLY: Lab Sample # / Comments:														
Collected By (print): Schuyler Thompson					Purchase Order #: Quote #:					DW PWS ID #: 3301810 DW Location Code:																			
Collected By (signature): Schuyler Thompson					Turnaround Date Required:					Immediately Packed on Ice: [] Yes [] No																			
Sample Disposal: [] Dispose as appropriate [] Return [] Archive: [] Hold:					Rush: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [X] 5 Day (Expedite Charges Apply)					Field Filtered (if applicable): [] Yes [] No Analysis:																			
* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)																													
Customer Sample ID		Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns	Lead & Copper																			
				Date	Time	Date	Time																						
105 purdy		Water	Grab	9-5-24	5:00am	9-5-24	5:00am		1																				
107 purdy		Water	Grab	9-5-24	8:00am	9-5-24	8:00am		1																				
1265 Park Ave		Water	Grab	9-5-24	10:30am	9-5-24	10:30am		1																				
1009 Ann		Water	Grab	9-5-24	8:45am	9-5-24	8:45am		1																				
400 Wood		Water	Grab	9-5-24	10:00am	9-5-24	10:00am		1																				
17 Wilson		Water	Grab	9-5-24	10:15am	9-5-24	10:15am		1																				
1102 Gallatin		Water	Grab	9-5-24	9:00am	9-5-24	9:00am		1																				
705 Ashton		Water	Grab	9-5-24	9:00am	9-5-24	9:00am		1																				
29 Briarwood dr		Water	Grab	9-5-24	11:00am	9-5-24	11:00am		1																				
608 Hillcrest		Water	Grab	9-5-24	5:00pm	9-5-24	5:00pm		1																				
Customer Remarks / Special Conditions / Possible Hazards:																				Type of Ice Used: Wet Blue Dry None					SHORT HOLDS PRESENT (<72 hours): Y N N/A				
																				Packing Material Used:					Lab Tracking #: 2718023				
																				Radchem sample(s) screened (<500 cpm): Y N NA					Samples received via: FEDEX UPS Client Courier Pace Courier				
Relinquished by/Company: (Signature) Schuyler Thompson					Date/Time: 9-6-24 1322		Received by/Company: (Signature) [Signature]					Date/Time: 9-6-24 1322		MTJL LAB USE ONLY															
Relinquished by/Company: (Signature) [Signature]					Date/Time: 9-6-24 1535		Received by/Company: (Signature) [Signature]					Date/Time: 9-6-24 1535		Table #:															
Relinquished by/Company: (Signature)					Date/Time:		Received by/Company: (Signature)					Date/Time:		Acctnum:															
															Template:														
															Prelogin:														
															PM:														
															PB:														
															Trip Blank Received: Y N NA HCL MeOH TSP Other														
															Non Conformance(s): YES / NO														
															Page 27 of 28 of: _____														

DC# Title: ENV-FRM-BEAV-0058 v03_Face WV Sample Condition Up
Effective Date: 2/8/2023

W0#: 30715660

PM: CEW Due Date: 09/23/24
CLIENT: BV-CTYRAVEN

LIMS30 Lab Sample Condition Upon Receipt (Wes

* Do not reuse! Merge prior to scanning

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ 3rd Party Courier ☒ Face ☐ Other _____

Tracking #: _____
Custody Seal on Cooler/Box/Containers Present: ☐ yes ☒ no
Seals Intact: ☐ yes ☐ no

Thermometer Used _____ Type of Ice: Wet Blue None
Cooler Temperature _____ Observed Temp 20.1 °C Correction Factor: 0 °C Final Temp: 20.1 °C

Thermal Preservation Requirement Met Yes ☒ No ☐

pH paper Lot# _____ Date and Initials of person examining contents: 9-7-24

	Yes	No	N/A
Chain of Custody Present:	☒	☐	☐
Chain of Custody Filled Out:	☒	☐	☐
Chain of Custody Reinquished:	☒	☐	☐
Sampler Name & Signature on COC:	☒	☐	☐
Sample Labels match COC:	☒	☐	☐
-Includes date/time/ID	☒	☐	☐
Matrix: <u>DW</u>			
Samples Arrived within Hold Time:	☒	☐	☐
Short Hold Time Analysis (<72hr remaining):	☒	☐	☐
Rush Turn Around Time Requested:	☒	☐	☐
Sufficient Volume:	☒	☐	☐
Correct Containers Used:	☒	☐	☐
-Pace Containers Used:	☒	☐	☐
Containers Intact:	☒	☐	☐
Orthophosphate field filtered:	☒	☐	☐
Hex Cr Aqueous sample field filtered:	☒	☐	☐
-pH adjusted within 24 hours? (if yes, indicate acid lot #)	☒	☐	☐
Filtered volume received for Dissolved tests:	☒	☐	☐
All containers have been checked for chemical preservation:	☒	☐	☐
exceptions: VOA, coliform, O&G, LLMercury, Non-aqueous matrix			
All containers meet method/chemical preservation requirements:	☒	☐	☐
Initial when completed:	☒	☐	☐
Date: <u>9-7-24</u>			
Tests not preserved:	☒	☐	☐
Headspace in VOA Vials:	☒	☐	☐
Trip Blank Present:	☒	☐	☐
Initial when completed:	☒	☐	☐
Date: <u>9-7-24</u>			

Comments: _____

*PM review is documented electronically in LIMS, when the Project Manager closes the SRF Review schedule in LIMS. The status may be reviewed in the Status section of the Workorder. Edit Screen.