Adrian Public Service District
PO Box 87
French Creek WV 26218-0087
Phone/Fax (304)924-6107 e mail adrianpsd@outlook.com

09/08/2023

Office of Environmental Health Services
350 Capital Street, Room 313
Charleston, WV 25301

RE: Lead and Copper Monitoring Results 2023

Please find enclosed the documentation for our 2023 lead and copper sampling results.

- ***Pace Analytical Services, LLC labs-Report Summary (8 pages)***
- ***Pace Analytical Services, LLC labs-Individual Analytical Reports (20 pages)***
- ***Lead Tap Monitoring Notification Certification (1 page)***
- ***Lead Consumer Notice Certification Form (1 page)***
- ***Sample Customer Notification Form (2 pages)***
- ***90th percentile worksheet (1 page)***

Should you have questions or require additional information, please let me know.

Sincerely,

Norma Woody

Norma Woody, Manager
Adrian Public Service District

Enclosures

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

September 08, 2023

Norma Woody
ADRIAN PUBLIC SERVICE DISTRICT
PO Box 87
French Creek, WV 26218

RE: Project: WV3304911
Pace Project No.: 30615712

Dear Norma Woody:

Enclosed are the analytical results for sample(s) received by the laboratory on August 22, 2023. 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

(BEAVER, WV) - Revision 1 - This report replaces the 08/25/2023 report. This project was revised on 09/08/2023 to revise sample names per client.

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

Sincerely,

Heather Godbey

Heather M. Godbey
heather.godbey@pacelabs.com
(800)999-0105
Project Manager

Enclosures

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

CERTIFICATIONS

Project: WV3304911
Pace Project No.: 30615712

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

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

SAMPLE SUMMARY

Project: WV3304911
Pace Project No.: 30615712

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30615712001	616 LICK RUN	Drinking Water	08/22/23 06:30	08/22/23 17:40
30615712002	8 JUSTAMERE LN	Drinking Water	08/22/23 04:30	08/22/23 17:40
30615712003	1940 SAGO RD	Drinking Water	08/22/23 06:45	08/22/23 17:40
30615712004	40 SARAH LN	Drinking Water	08/22/23 08:00	08/22/23 17:40
30615712005	3148 INDIAN CAMP RD	Drinking Water	08/22/23 05:00	08/22/23 17:40
30615712006	46 WATERLOO RD	Drinking Water	08/22/23 08:22	08/22/23 17:40
30615712007	160 WEAVER MT DR	Drinking Water	08/22/23 07:00	08/22/23 17:40
30615712008	9726 RT 20 SOUTH RD	Drinking Water	08/22/23 08:10	08/22/23 17:40
30615712009	2608 FRENCHTON RD	Drinking Water	08/22/23 05:30	08/22/23 17:40
30615712010	21 REAL LEAF DR	Drinking Water	08/22/23 10:45	08/22/23 17:40
30615712011	338 ROCK CAVE RD	Drinking Water	08/22/23 04:30	08/22/23 17:40
30615712012	1800 ROCK CAVE RD	Drinking Water	08/22/23 07:30	08/22/23 17:40
30615712013	1053 HEASTON RIDGE RD	Drinking Water	08/22/23 09:30	08/22/23 17:40
30615712014	18979 RT 20 SOUTH RD	Drinking Water	08/22/23 06:00	08/22/23 17:40
30615712015	1985 PLEASANT RIDGE RD	Drinking Water	08/22/23 06:00	08/22/23 17:40
30615712016	941 ALEXANDER RD	Drinking Water	08/22/23 07:00	08/22/23 17:40
30615712017	1887 ALEXANDER RD	Drinking Water	08/22/23 08:24	08/22/23 17:40
30615712018	7079 ALEXANDER RD	Drinking Water	08/22/23 05:30	08/22/23 17:40
30615712019	8677 ALEXANDER RD	Drinking Water	08/22/23 08:25	08/22/23 17:40
30615712020	173 ANGELICA WAY	Drinking Water	08/22/23 08:55	08/22/23 17:40

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

SAMPLE ANALYTE COUNT

Project: WV3304911
Pace Project No.: 30615712

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30615712001	616 LICK RUN	EPA 200.8	WES	2	PASI-BV
30615712002	8 JUSTAMERE LN	EPA 200.8	WES	2	PASI-BV
30615712003	1940 SAGO RD	EPA 200.8	WES	2	PASI-BV
30615712004	40 SARAH LN	EPA 200.8	WES	2	PASI-BV
30615712005	3148 INDIAN CAMP RD	EPA 200.8	WES	2	PASI-BV
30615712006	46 WATERLOO RD	EPA 200.8	WES	2	PASI-BV
30615712007	160 WEAVER MT DR	EPA 200.8	WES	2	PASI-BV
30615712008	9726 RT 20 SOUTH RD	EPA 200.8	WES	2	PASI-BV
30615712009	2608 FRENCHTON RD	EPA 200.8	WES	2	PASI-BV
30615712010	21 REAL LEAF DR	EPA 200.8	WES	2	PASI-BV
30615712011	338 ROCK CAVE RD	EPA 200.8	WES	2	PASI-BV
30615712012	1800 ROCK CAVE RD	EPA 200.8	WES	2	PASI-BV
30615712013	1053 HEASTON RIDGE RD	EPA 200.8	WES	2	PASI-BV
30615712014	18979 RT 20 SOUTH RD	EPA 200.8	WES	2	PASI-BV
30615712015	1985 PLEASANT RIDGE RD	EPA 200.8	WES	2	PASI-BV
30615712016	941 ALEXANDER RD	EPA 200.8	WES	2	PASI-BV
30615712017	1887 ALEXANDER RD	EPA 200.8	WES	2	PASI-BV
30615712018	7079 ALEXANDER RD	EPA 200.8	WES	2	PASI-BV
30615712019	8677 ALEXANDER RD	EPA 200.8	WES	2	PASI-BV
30615712020	173 ANGELICA WAY	EPA 200.8	WES	2	PASI-BV

PASI-BV = Pace Analytical Services - Beaver

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: WV3304911
Pace Project No.: 30615712

QC Batch: 610864
QC Batch Method: EPA 200.8
Analysis Method: EPA 200.8
Analysis Description: ICPMS Metals, No Prep
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30615712016, 30615712017, 30615712018, 30615712019, 30615712020

METHOD BLANK: 2973239 Matrix: Drinking Water
Associated Lab Samples: 30615712016, 30615712017, 30615712018, 30615712019, 30615712020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Copper	ug/L	ND	2.5	0.47	08/24/23 10:17	
Lead	ug/L	ND	0.50	0.076	08/24/23 10:17	

LABORATORY CONTROL SAMPLE: 2973240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	100	99.0	99	85-115	
Lead	ug/L	20	20.4	102	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2973241 2973242

Parameter	Units	30615737001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Copper	ug/L	2.8	100	100	99.9	99.7	97	97	70-130	0	20	
Lead	ug/L	1.2	20	20	21.4	21.3	101	100	70-130	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2973243 2973244

Parameter	Units	30615712020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Copper	ug/L	20.2	100	100	118	117	98	97	70-130	1	20	
Lead	ug/L	ND	20	20	20.3	20.5	101	101	70-130	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA

Project: WV3304911
Pace Project No.: 30615712

QC Batch: 611051
QC Batch Method: EPA 200.8
Analysis Method: EPA 200.8
Analysis Description: ICPMS Metals, No Prep
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30615712001, 30615712002, 30615712003, 30615712004, 30615712005, 30615712006, 30615712007, 30615712008, 30615712009, 30615712010, 30615712011, 30615712012, 30615712013, 30615712014, 30615712015

METHOD BLANK: 2974230 Matrix: Drinking Water
Associated Lab Samples: 30615712001, 30615712002, 30615712003, 30615712004, 30615712005, 30615712006, 30615712007, 30615712008, 30615712009, 30615712010, 30615712011, 30615712012, 30615712013, 30615712014, 30615712015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Copper	ug/L	ND	2.5	0.47	08/24/23 16:08	
Lead	ug/L	ND	0.50	0.076	08/24/23 16:08	

LABORATORY CONTROL SAMPLE: 2974231

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	100	99.0	99	85-115	
Lead	ug/L	20	20.1	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2974232 2974233

Parameter	Units	30615713001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Copper	ug/L	67.4	100	100	173	172	105	104	70-130	1	20	
Lead	ug/L	0.12J	20	20	20.3	20.3	101	101	70-130	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2974234 2974235

Parameter	Units	30615712015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Copper	ug/L	175	100	100	277	276	102	101	70-130	0	20	
Lead	ug/L	0.82	20	20	21.0	21.0	101	101	70-130	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALIFIERS

Project: WV3304911
Pace Project No.: 30615712

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.

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WV3304911
Pace Project No.: 30615712

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30615712001	616 LICK RUN	EPA 200.8	611051		
30615712002	8 JUSTAMERE LN	EPA 200.8	611051		
30615712003	1940 SAGO RD	EPA 200.8	611051		
30615712004	40 SARAH LN	EPA 200.8	611051		
30615712005	3148 INDIAN CAMP RD	EPA 200.8	611051		
30615712006	46 WATERLOO RD	EPA 200.8	611051		
30615712007	160 WEAVER MT DR	EPA 200.8	611051		
30615712008	9726 RT 20 SOUTH RD	EPA 200.8	611051		
30615712009	2608 FRENCHTON RD	EPA 200.8	611051		
30615712010	21 REAL LEAF DR	EPA 200.8	611051		
30615712011	338 ROCK CAVE RD	EPA 200.8	611051		
30615712012	1800 ROCK CAVE RD	EPA 200.8	611051		
30615712013	1053 HEASTON RIDGE RD	EPA 200.8	611051		
30615712014	18979 RT 20 SOUTH RD	EPA 200.8	611051		
30615712015	1985 PLEASANT RIDGE RD	EPA 200.8	611051		
30615712016	941 ALEXANDER RD	EPA 200.8	610864		
30615712017	1887 ALEXANDER RD	EPA 200.8	610864		
30615712018	7079 ALEXANDER RD	EPA 200.8	610864		
30615712019	8677 ALEXANDER RD	EPA 200.8	610864		
30615712020	173 ANGELICA WAY	EPA 200.8	610864		

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 616 LICK RUN **Lab ID: 30615712001** Collected: 08/22/23 06:30 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**132**	ug/L	2.5	0.47		1		08/24/23 16:42	7440-50-8	
Lead	ND	ug/L	0.50	0.076		1		08/24/23 16:42	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 8 JUSTAMERE LN **Lab ID: 30615712002** Collected: 08/22/23 04:30 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**153**	ug/L	2.5	0.47		1		08/24/23 16:45	7440-50-8	
Lead	ND	ug/L	0.50	0.076		1		08/24/23 16:45	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 1940 SAGO RD **Lab ID: 30615712003** Collected: 08/22/23 06:45 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**45.7**	ug/L	2.5	0.47		1		08/24/23 16:49	7440-50-8	
Lead	ND	ug/L	0.50	0.076		1		08/24/23 16:49	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 40 SARAH LN **Lab ID: 30615712004** Collected: 08/22/23 08:00 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**12.1**	ug/L	2.5	0.47		1		08/24/23 16:58	7440-50-8	
Lead	ND	ug/L	0.50	0.076		1		08/24/23 16:58	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 3148 INDIAN CAMP RD **Lab ID: 30615712005** Collected: 08/22/23 05:00 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**138**	ug/L	2.5	0.47		1		08/24/23 17:01	7440-50-8	
Lead	ND	ug/L	0.50	0.076		1		08/24/23 17:01	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 46 WATERLOO RD **Lab ID: 30615712006** Collected: 08/22/23 08:22 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**183**	ug/L	2.5	0.47		1		08/24/23 17:04	7440-50-8	
Lead	ND	ug/L	0.50	0.076		1		08/24/23 17:04	7439-92-1	

Pace Analytical Services, LLC
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Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 160 WEAVER MT DR **Lab ID: 30615712007** Collected: 08/22/23 07:00 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**82.6**	ug/L	2.5	0.47		1		08/24/23 17:07	7440-50-8	
Lead	ND	ug/L	0.50	0.076		1		08/24/23 17:07	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 9726 RT 20 SOUTH RD **Lab ID: 30615712008** Collected: 08/22/23 08:10 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**28.9**	ug/L	2.5	0.47		1		08/24/23 17:11	7440-50-8	
Lead	ND	ug/L	0.50	0.076		1		08/24/23 17:11	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 2608 FRENCHTON RD **Lab ID: 30615712009** Collected: 08/22/23 05:30 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**102**	ug/L	2.5	0.47		1		08/24/23 17:14	7440-50-8	
Lead	**0.53**	ug/L	0.50	0.076		1		08/24/23 17:14	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 21 REAL LEAF DR **Lab ID: 30615712010** Collected: 08/22/23 10:45 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**69.5**	ug/L	2.5	0.47		1		08/24/23 17:17	7440-50-8	
Lead	ND	ug/L	0.50	0.076		1		08/24/23 17:17	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 338 ROCK CAVE RD **Lab ID: 30615712011** Collected: 08/22/23 04:30 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**95.7**	ug/L	2.5	0.47		1		08/24/23 17:20	7440-50-8	
Lead	ND	ug/L	0.50	0.076		1		08/24/23 17:20	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 1800 ROCK CAVE RD **Lab ID: 30615712012** Collected: 08/22/23 07:30 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**21.8**	ug/L	2.5	0.47		1		08/24/23 17:23	7440-50-8	
Lead	ND	ug/L	0.50	0.076		1		08/24/23 17:23	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 1053 HEASTON RIDGE RD **Lab ID: 30615712013** Collected: 08/22/23 09:30 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**442**	ug/L	2.5	0.47		1		08/24/23 17:26	7440-50-8	
Lead	ND	ug/L	0.50	0.076		1		08/24/23 17:26	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 18979 RT 20 SOUTH RD **Lab ID: 30615712014** Collected: 08/22/23 06:00 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver								
Copper	**32.0**	ug/L	2.5	0.47		1		08/24/23 17:36	7440-50-8	
Lead	**0.94**	ug/L	0.50	0.076		1		08/24/23 17:36	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 1985 PLEASANT RIDGE RD **Lab ID: 30615712015** Collected: 08/22/23 06:00 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**175**	ug/L	2.5	0.47		1		08/24/23 17:40	7440-50-8	
Lead	**0.82**	ug/L	0.50	0.076		1		08/24/23 17:40	7439-92-1	

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 941 ALEXANDER RD **Lab ID: 30615712016** Collected: 08/22/23 07:00 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW		Analytical Method: EPA 200.8 Pace Analytical Services - Beaver								
Copper	**174**	ug/L	2.5	0.47		1		08/24/23 11:36	7440-50-8	
Lead	**0.97**	ug/L	0.50	0.076		1		08/24/23 11:36	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 1887 ALEXANDER RD **Lab ID: 30615712017** Collected: 08/22/23 08:24 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**141**	ug/L	2.5	0.47		1		08/24/23 11:39	7440-50-8	
Lead	**1.0**	ug/L	0.50	0.076		1		08/24/23 11:39	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 7079 ALEXANDER RD **Lab ID: 30615712018** Collected: 08/22/23 05:30 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**13.5**	ug/L	2.5	0.47		1		08/24/23 11:42	7440-50-8	
Lead	ND	ug/L	0.50	0.076		1		08/24/23 11:42	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 8677 ALEXANDER RD **Lab ID: 30615712019** Collected: 08/22/23 08:25 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**178**	ug/L	2.5	0.47		1		08/24/23 11:45	7440-50-8	
Lead	ND	ug/L	0.50	0.076		1		08/24/23 11:45	7439-92-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
225 Industrial Park RD
Beaver, WV 25813
(800)999-0105

ANALYTICAL RESULTS

Project: WV3304911
Pace Project No.: 30615712

Sample: 173 ANGELICA WAY **Lab ID: 30615712020** Collected: 08/22/23 08:55 Received: 08/22/23 17:40 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	MDL	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
BVR 200.8 MET ICPMS DW	Analytical Method: EPA 200.8 Pace Analytical Services - Beaver									
Copper	**20.2**	ug/L	2.5	0.47		1		08/24/23 11:48	7440-50-8	
Lead	ND	ug/L	0.50	0.076		1		08/24/23 11:48	7439-92-1	

REPORT OF LABORATORY ANALYSIS

SYSTEM NAME Adrian Public Service District

PWSID WV3304911 COUNTY Upshur

Lead Tap Monitoring Notification Certification

I, Norma, Woody, certify:

(Name) (Title)

1) The consumers were notified of their lead levels in the above Public Water System within 30 days of our receipt of the tap monitoring results.

2) The delivery method was by mail. *

3) A sample notice of what was delivered is enclosed with this certification.

Norma Woody

(Signature)

PO Box 87 French Creek WV 26218

(Address and Phone Number)

* If the delivery method was by some other means than mail, this should be indicated here. Another method must be pre-approved, in writing, by a representative of the WV Environmental Engineering Division.

Lead Consumer Notice Certification Form

System Name: Adrian Public Service District

PWSID No.: WV3304911 County: Upshur

Monitoring Period to which the notice applies (e.g., June – Sept. 2009): August 2023

Date(s) results were received from laboratory: August 25 , 2023

Date(s) results were provided to consumers: September 6, 2023

The water system named above hereby certifies that its lead consumer notice has been provided to each person it serves at the specific sampling site from which the sample was tested. The water system also certifies that these results and the following information were provided to such persons within 30 days of receiving the test results from the laboratory.

x Individual tap results from lead tap water monitoring carried out under the requirements of 40 CFR 141.86.

x An explanation of the health effects of lead.

x Steps that consumers can take to reduce exposure to lead in drinking water.

x Contact information for our water utility.

x The maximum contaminant level goals and action levels for lead, and the definitions of these two terms from 40 CFR 141.153(c).

Certified by:

Signature Norma Woody

Name (please print) Norma Woody Title Manager

Phone # 304-924-6107 Date 9-6-2023

*** You are not required by EPA rules to report the following information, but you may want to provide it to your State. Check all items that apply. ***

x Notice was distributed by mail or other direct delivery. Specify other direct delivery methods:

_____ Electronic Mail

_____ Posting the notice on the internet at: _____

_____ Posting the notice in public places (attach a list of locations)

_____ Delivery of multiple copies to single bill addresses serving several persons such as: apartments, businesses, and large private employers

_____ Other methods

Adrian Public Service District
PO Box 87
French Creek WV 26218-0087
Phone (304)924-6107 adrianpsd@outlook.com

September 8, 2023

Gerald Snyder
616 Lick Run Rd.
Buckhannon, WV 26201

Re: Lead & Copper testing

Dear *Gerald:*

Adrian Public Service District appreciates your participation in the lead tap monitoring program. A lead level of ***<0.076 ppb*** was reported for the sample collected on **August 22, 2023** at your location, **616 Lick Run Rd. in Buckhannon**.

We are happy to report that your result, as well as the 90th percentile value for our water system, is below the lead action level of 15 parts per billion(ppb).

What Does This Mean?

Under the authority of the Safe Drinking Water Act, EPA set the action level for lead in drinking water at 15 ppb. This means utilities must ensure that water from the customer's tap does not exceed this level in at least 90 percent of the homes sampled (90th percentile value). The action level is *the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow*. If water from the tap does exceed the limit, then the utility must take certain steps to correct the problem. Because lead may pose serious health risks, the EPA set a Maximum Contaminant Level Goal (MCLG) of zero for lead. The MCLG is *the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.*

What Are the Health Effects of Lead?

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

What Are the Sources of Lead?

The primary sources of lead exposure for most children are deteriorating lead-based paint, lead-contaminated dust, and lead-contaminated residential soil. Exposure to lead is a significant health concern, especially for young children and infants whose growing bodies tend to absorb more lead than the average adult. Although your home's drinking water lead levels were below the action level, if you are concerned about lead exposure, parents should ask their health care providers about testing children for high levels of lead in the blood.

What Can I Do to Reduce Exposure to Lead in Drinking Water?

- ***Run your water to flush out lead.*** If water has not been used for several hours, run water for 15 to 30 seconds or until it becomes cold or reaches a steady temperature before using it for drinking or cooking. This flushes lead-containing water from the pipes.

- ***Use cold water for cooking and preparing baby formula.*** Do not cook with or drink water from the hot water tap; lead dissolves more easily into hot water. Do not use water from the hot water tap to make baby formula.

- ***Do not boil water to remove lead.*** Boiling water will not reduce lead.

- ***Look for alternative sources or treatment of water.*** You may want to consider purchasing bottled water or a water filter. Read the package to be sure the filter is approved to reduce lead or contact NSF International at 800-NSF-8010 or www.nsf.org for information on performance standards for water filters.

- ***Test your water for lead.*** Call us at *304 924-6107* to find out how to get your water tested for lead. Reliance Labs in Clarksburg WV and REIC Labs in Beaver WV have both been utilized by our water system for lead testing.

- ***Identify if your plumbing fixtures contain lead.*** New brass faucets, fittings, and valves, including those advertised as "lead-free," may contribute lead to drinking water. The law currently allows end-use brass fixtures, such as faucets, with up to 8 percent lead to be labeled as "lead-free." Consumers should be aware of this when choosing fixtures and take appropriate precautions.

For More Information

Call us at *304 924-6107.* For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

Sincerely,

Norma Woody

Norma Woody, Manager
Adrian Public Service District

PWS ID: WV3304911

PWS Name: Adrian Public Service District

Monitoring Period: Aug-23

Enter your sample results here:

Sample #	Cu mg/L	Pb mg/L
1-Snyder	0.132	ND
2-McDaniels	0.153	ND
3-Rutherford	0.0457	ND
4-Bailey	0.0121	ND
5-Perry	0.138	ND
6-Dean	0.183	ND
7-Weaver	0.0826	ND
8-Harper	0.0289	ND
9-Hall	0.102	0.00053
10-Arnold	0.0695	ND
11-Friend	0.0957	ND
12-Douglas	0.0218	ND
13-Gibson	0.442	ND
14-Spencer	0.032	0.00094
15-Hamrick	0.175	0.00082
16-Shaw	0.174	0.00097
17-Hamner	0.141	0.001
18-Hyre	0.0135	ND
19-Carpenter	0.178	ND
20-Gregory	0.0202	ND

Rank		Cu mg/L
1	4-Bailey	0.0121
2	18-Hyre	0.0135
3	20-Gregory	0.0202
4	12-Douglas	0.0218
5	8-Harper	0.0289
6	14-Spencer	0.032
7	3-Rutherford	0.0457
8	10-Arnold	0.0695
9	7-Weaver	0.0826
10	11-Friend	0.0957
11	9-Hall	0.102
12	1-Snyder	0.132
13	5-Perry	0.138
14	17-Hamner	0.141
15	2-McDaniels	0.153
16	16-Shaw	0.174
17	15-Hamrick	0.175
18	19-Carpenter	0.178
19	6-Dean	0.183
20	13-Gibson	0.442

Rank		Pb mg/L
1	9-Hall	0.00053
2	15-Hamrick	0.00082
3	14-Spencer	0.00094
4	16-Shaw	0.00097
5	17-Hamner	0.001

#Cu Obs	20
0.9 * 20	18
Cu #18	0.178
Cu #18	0.178
90th% Cu	0.178
#Pb Obs	5
0.9 * 5	4.5
Pb #4	0.00097
Pb #5	0.001
90th% Pb	0.000985