



American Water
1115 South Illinois Street
Belleville, IL 62220-3102
Phone (618) 235-3600
Fax (618) 235-6349



Workorder ID: PI4 -MS Drainage Pipe

Workorder #: 677721

September 26, 2023

Scott L Sharp
Pennsylvania American Water
105 Sodom Rd
Milton, PA 17847

Client: Pennsylvania American Water
Profile #: 396
Profile Name: Mechanicsburg System
PWSID: PA7210029

Dear Scott Sharp:

Enclosed are the analytical results for sample(s) received by the laboratory on Thursday, Sep 14, 2023. All analyses are performed using approved drinking water methodologies and meet method requirements unless otherwise noted. Enclosed are the analytical results for this Workorder only. Each state may not offer certification for all analyses reported.

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

Sincerely,

Cody Cruse, Technical Director

Abbreviation	Description	Abbreviation	Description
AL	Action Level	NELAP	National Environmental Lab Accreditation Program
CCC/V	Continuing Calibration Check/Verification	ND	Not Detected
DF	Dilution Factor	Prim	Primary
ET	Eastern Time	PWSID	Public Water System Identification
EDD	Electronic Data Deliverable	Qual	Qualifier
EPA	Environmental Protection Agency	QC	Quality Control
HAL	Health Advisory Limit	RSD	Relative Standard Deviation
I/LPC	Instrument / Lab Performance Check	RL/PQL	Reporting Limit / Practical Quantitation Limit
LFB / LCS	Lab Fortified Blank / Lab Control Sample	RLV	Report Limit Verification
MS	Matrix Spike	RT	Retention Time
MSD	Matrix Spike Duplicate	Sec	Secondary
MCL	Maximum Contaminant Limit	SM	Standard Method
MDL	Minimum Detection Limit	TNI	The NELAC Institute
NELAC	National Environmental Lab Accreditation Conference	UCMR	Unregulated Contaminant Monitoring Rule



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Sample Summary

Sample #:	67772101	Sample ID:	MS Drainage Pipe	Matrix:	Drinking Water	Cert Lab ID:	68-00269
PWS ID:	PA7210029	Facility ID:		Site ID:		Site Sample Type:	Other

Workorder Summary

Sample Comments

67772101 (MS Drainage Pipe) - Process - Not for Compliance

Field Blank(s) not provided by the Lab for Process Samples.

Analysis Results Comments

67772101 (MS Drainage Pipe) - PFOA

M|Analyte exceeds MCL, secondary MCL, or action level limits.

67772101 (MS Drainage Pipe) - PFOS

M|Analyte exceeds MCL, secondary MCL, or action level limits.

Detect Summary

Sample ID	Compound Name	Results	Units	RL	DF	Qual	MCL		
							Sec	/	Prim
67772101	PFBS	6.8	ng/L	3.0	1				
67772101	PFHpA	3.5	ng/L	3.0	1				
67772101	PFHpS	3.6	ng/L	3.0	1				
67772101	PFHxS	8.5	ng/L	3.0	1				
67772101	PFOA	25.5	ng/L	4.0	1	M			14
67772101	PFOS	126.8	ng/L	20.0	5	M			18



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Analytical Results

PROCESS ONLY

Sample #: 67772101
Sample ID: MS Drainage Pipe
PWS ID: PA7210029

Date Collected: 09/13/23 11:38
Date Received: 09/14/23 11:58
Certified Lab ID: 68-00269

Facility ID:
Site ID:
Site Sample Type: Other

* = TNI accredited		Underlined = Reported to the State		^ = Provisionally accredited		All Times in Eastern Time				MCL		
Parameter	Result	Unit	RL	DF	Prepared	By	Analyzed	By	Qual	Sec	/	Prim
EPA 533 - PERFLUORINATED												
11CI-PF3OUdS	ND	ng/L	5.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
4:2FTS	ND	ng/L	3.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
6:2FTS	ND	ng/L	5.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
8:2 FTS	ND	ng/L	5.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
9CI-PF3ONS	ND	ng/L	2.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
ADONA	ND	ng/L	3.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
HFPO-DA	ND	ng/L	5.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
NFDHA	ND	ng/L	20.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
PFBA	ND	ng/L	5.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
PFBS	6.8	ng/L	3.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
PFDA	ND	ng/L	3.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
PFDoA	ND	ng/L	3.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
PFEESA	ND	ng/L	3.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
PFHpA	3.5	ng/L	3.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
PFHpS	3.6	ng/L	3.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
PFHxA	ND	ng/L	3.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
PFHxS	8.5	ng/L	3.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
PFMBA	ND	ng/L	3.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
PFMPA	ND	ng/L	4.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
PFNA	ND	ng/L	4.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
PFOA	25.5	ng/L	4.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM	M			14
PFOS	126.8	ng/L	20.0	5	09/22/23 12:45	MAM	09/23/23 05:08	MAM	M			18
PFPeA	ND	ng/L	3.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
PFPeS	ND	ng/L	4.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				
PFUnA	ND	ng/L	2.0	1	09/18/23 13:15	MAM	09/19/23 05:07	MAM				



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PA 396 Mechanicsburg System PI4 - Unknown 15 (2180405)		American Water Central Laboratory PWSID: PA7210029 Facility ID:		1115 South Illinois Street Belleville, IL 62220-3102 (618) 235-3600		
Chain of Custody # 677721						
PRIOR TO SHIPPING - COMPLETE ALL FIELDS				For Lab Use Only		
Location: <u>MS Drainage Pipe</u> SiteID: _____ Source: _____				Date: <u>SEP 14 2023</u> Temp: <u>2</u> °C		
Sample Type (RAW,EFF,DIST,etc.): <u>Other</u>				Received By: <u>Rhonda Albritz</u>		
Collector's First Initial and Last Name: <u>S. Sharp</u>				COMMENTS:		
Date Collected: <u>9/13/23</u> Time Collected (24hr format): <u>1138</u>						
TAT requested [Requires prior approval] 2wk _____ [1wk _____ 3 day _____ 2 day _____ 1 day _____]						
Relinquished by 1 <u>CMC</u> 2 _____ 3 _____						
Date/Time Relinq 1 <u>9/13/23/1606z</u> 3 _____						
Compliance/Process PROC		Field Measurements:				
Report to State by Lab? (Y/N) N						
CCR Report? (Y/N) N						
Container ID #	Analysis Description	Cont Code	pH	Cl	Sulfide	Pre-Preservation
67772101-A	PFAS by EPA 533 DW		<u>6-8</u>	<u>0</u>		AmAc<6
67772101-B	PFAS by EPA 533 DW					AmAc<6
67772101-C	PFAS by EPA 533 DW					AmAc<6