

LABORATORY REPORT

MPWater Systems Mgmt Inc
880 Stafford Rd, Fall River, MA 02721

Date Received: 09/23/2026

Date Reported: 10/06/2026

P.O. #:

Work Order: 260901485

Project Name: Carver Elementary School

Enclosed are the analytical results and Chain of Custody for your project referenced above. These results only pertain to the samples submitted for this Work Order and this report shall not be reproduced except in its entirety. The sample(s) were analyzed by our Warwick, RI laboratory unless noted otherwise. When applicable subcontracted results are noted and subcontracted reports are enclosed in their entirety.

All samples were analyzed within established US EPA guidelines with all requirements met, unless otherwise noted in the case narrative. The Reporting Limit is the minimum concentration that can be reliably quantified under routine laboratory conditions.

We certify that the following results are true and accurate to the best of our knowledge. Samples will be disposed of three weeks after the date of this laboratory report. If you have questions or need further assistance, please contact our Project Management Team.

Approved by:



Kristin Phelan
Data Reporting Manager

Report Qualifiers and Abbreviations

These qualifiers/abbreviations may or may not be present in this report.

Qualifiers	Descriptions
*	Recovery outside of acceptance limit
B	Analyte detected in method blank at a level above the detection limit
D	Surrogate diluted out to reach a parameter result within the instrument calibration curve
E	Parameter result exceeds calibration curve
J	Estimated value; result is below the MRL but above the MDL

Abbreviation	Definition
BLK	Method Blank
CFU	Colony Forming Unit
DF	Dilution Factor
LCS(D)	Laboratory Control Sample (Duplicate)
MCL	Maximum Contaminant Limit
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
MS(D)	Matrix Spike (Duplicate)
ND	Non-Detect
QC	Quality Control
REP LIMIT	Reporting Limit
RPD	Relative Percent Difference
TIC	Tentatively Identified Compound
TNTC	Too Numerous to Count
PFBS	Perfluorobutanesulfonic acid
PFDA	Perfluorodecanoic acid
PFDoA	Perfluorododecanoic acid
PFHpA	Perfluoroheptanoic acid
PFHxA	Perfluorohexanoic acid
PFHxS	Perfluorohexanesulfonic acid
PFNA	Perfluorononanoic acid
PFOA	Perfluorooctanoic acid
PFOS	Perfluorooctanesulfonic acid
PFTA	Perfluorotetradecanoic acid
PFTTrDA	Perfluorotridecanoic acid
PFuNA	Perfluoroundecanoic acid
NaDONA	4,8-dioxo-3H-perfluorononanoic acid
9CI-PF3ONS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
11CI-PF3OUdS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
HFPO-DA (GenX)	Hexafluoropropylene oxide dimer acid
13C2-PFDA	Perfluoro-n-[1,2- ¹³ C ₂]decanoic acid
13C2-PFHxA	Perfluoro-n-[1,2- ¹³ C ₂]hexanoic acid
d5-NEtFOSAA	N-ethyl-d5-perfluoro-1-octanesulfonamidoacetic acid
NEtFOSAA	N-ethylperfluoro-1-octanesulfonamidoacetic acid
N-MeFOSAA	N-methylperfluoro-1-octanesulfonamidoacetic acid
13C3-HFPO-DA	2,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)- ¹³ C ₃ -propanoic acid
PFAS6	=PFOS + PFOA + PFHxS + PFNA + PFHpA + PFDA
Hazard Index	=[HFPO-DA/10] + [PFNA/10] + [PFHxS/9] + [PFBS/2000]

Case Narrative

Work Order: 260901485

Project Name: Carver Elementary School

AA96217

Sample received within required temperature limits and with sufficient hold time remaining for analysis.

AA96218

Sample received within required temperature limits and with sufficient hold time remaining for analysis.

AA96219

Sample received within required temperature limits and with sufficient hold time remaining for analysis.

AA96220

Sample received within required temperature limits and with sufficient hold time remaining for analysis.

AA96221

Sample received within required temperature limits and with sufficient hold time remaining for analysis.

AA96222

Sample received within required temperature limits and with sufficient hold time remaining for analysis.

AA96223

Sample received within required temperature limits and with sufficient hold time remaining for analysis.

AA96224

Sample received within required temperature limits and with sufficient hold time remaining for analysis.

AA96225

Sample received within required temperature limits and with sufficient hold time remaining for analysis.

AA96226

Sample received within required temperature limits and with sufficient hold time remaining for analysis.

Sample Summary

Sample ID	Location Description	PWSID	Matrix	Collector	Collected		Received
AA96217	RM 181- Cafeteria Bubbler	4052007	Drinking Water	\DAM GOODS\	09/23/2026	06:45	09/23/2026
AA96218	RM 105- Classroom Sink	4052007	Drinking Water	\DAM GOODS\	09/23/2026	06:48	09/23/2026
AA96219	RM 106- Classroom Sink	4052007	Drinking Water	\DAM GOODS\	09/23/2026	06:51	09/23/2026
AA96220	RM 120- Project Area Bubbler	4052007	Drinking Water	\DAM GOODS\	09/23/2026	06:57	09/23/2026
AA96221	RM 150- Staff Lunch Room	4052007	Drinking Water	\DAM GOODS\	09/23/2026	07:00	09/23/2026
AA96222	Gymnasium Bubbler	4052007	Drinking Water	\DAM GOODS\	09/23/2026	07:07	09/23/2026
AA96223	RM 133 Classroom Sink	4052007	Drinking Water	\DAM GOODS\	09/23/2026	07:11	09/23/2026
AA96224	RM 138 Classroom Sink	4052007	Drinking Water	\DAM GOODS\	09/23/2026	07:16	09/23/2026
AA96225	RM 142 Classroom Sink	4052007	Drinking Water	\DAM GOODS\	09/23/2026	07:28	09/23/2026
AA96226	RM 144 Classroom Sink	4052007	Drinking Water	\DAM GOODS\	09/23/2026	07:21	09/23/2026

Analysis Results

Kristin Phelan

Approved by: _____

MPWater Systems Mgmt Inc

Project Name: Carver Elementary School

Work Order: 260901485

Sample Number: AA96217

Sample Type: Grab

Sample Date / Time: 09/23/2026 06:45

Sample Description: RM 181- Cafeteria Bubbler

PARAMETER	RESULTS	REP LIMIT	UNITS	METHOD	ANALYSIS DATE/TIME	ANALYST
METALS						
Copper	0.0642	0.00100	mg/L	EPA 200.8	09/30/2026 16:24	BRB
Lead	<0.00100	0.00100	mg/L	EPA 200.8	09/30/2026 16:24	BRB

Work Order: 260901485

Sample Number: AA96218

Sample Type: Grab

Sample Date / Time: 09/23/2026 06:48

Sample Description: RM 105- Classroom Sink

PARAMETER	RESULTS	REP LIMIT	UNITS	METHOD	ANALYSIS DATE/TIME	ANALYST
METALS						
Copper	0.200	0.00100	mg/L	EPA 200.8	09/30/2026 16:31	BRB
Lead	<0.00100	0.00100	mg/L	EPA 200.8	09/30/2026 16:31	BRB

Work Order: 260901485

Sample Number: AA96219

Sample Type: Grab

Sample Date / Time: 09/23/2026 06:51

Sample Description: RM 106- Classroom Sink

PARAMETER	RESULTS	REP LIMIT	UNITS	METHOD	ANALYSIS DATE/TIME	ANALYST
METALS						
Copper	0.188	0.00100	mg/L	EPA 200.8	09/30/2026 16:44	BRB
Lead	<0.00100	0.00100	mg/L	EPA 200.8	09/30/2026 16:44	BRB

Work Order: 260901485

Sample Number: AA96220

Sample Type: Grab

Sample Date / Time: 09/23/2026 06:57

Sample Description: RM 120- Project Area Bubbler

PARAMETER	RESULTS	REP LIMIT	UNITS	METHOD	ANALYSIS DATE/TIME	ANALYST
METALS						
Copper	0.106	0.00100	mg/L	EPA 200.8	09/30/2026 16:46	BRB
Lead	<0.00100	0.00100	mg/L	EPA 200.8	09/30/2026 16:46	BRB

Work Order: 260901485

Sample Number: AA96221

Sample Type: Grab

Sample Date / Time: 09/23/2026 07:00

Sample Description: RM 150- Staff Lunch Room

PARAMETER	RESULTS	REP LIMIT	UNITS	METHOD	ANALYSIS DATE/TIME	ANALYST
METALS						
Copper	0.106	0.00100	mg/L	EPA 200.8	09/30/2026 16:48	BRB
Lead	<0.00100	0.00100	mg/L	EPA 200.8	09/30/2026 16:48	BRB

Work Order: 260901485

Sample Number: AA96222

Sample Type: Grab

Sample Date / Time: 09/23/2026 07:07

Sample Description: Gymnasium Bubbler

PARAMETER	RESULTS	REP LIMIT	UNITS	METHOD	ANALYSIS DATE/TIME	ANALYST
METALS						
Copper	0.0278	0.00100	mg/L	EPA 200.8	09/30/2026 16:50	BRB
Lead	<0.00100	0.00100	mg/L	EPA 200.8	09/30/2026 16:50	BRB

Work Order: 260901485

Sample Number: AA96223

Sample Type: Grab

Sample Date / Time: 09/23/2026 07:11

Sample Description: RM 133 Classroom Sink

PARAMETER	RESULTS	REP LIMIT	UNITS	METHOD	ANALYSIS DATE/TIME	ANALYST
METALS						
Copper	0.0734	0.00100	mg/L	EPA 200.8	09/30/2026 16:51	BRB
Lead	<0.00100	0.00100	mg/L	EPA 200.8	09/30/2026 16:51	BRB

Work Order: 260901485

Sample Number: AA96224

Sample Type: Grab

Sample Date / Time: 09/23/2026 07:16

Sample Description: RM 138 Classroom Sink

PARAMETER	RESULTS	REP LIMIT	UNITS	METHOD	ANALYSIS DATE/TIME	ANALYST
METALS						
Copper	0.324	0.00100	mg/L	EPA 200.8	09/30/2026 16:53	BRB
Lead	<0.00100	0.00100	mg/L	EPA 200.8	09/30/2026 16:53	BRB

Work Order: 260901485

Sample Number: AA96225

Sample Type: Grab

Sample Date / Time: 09/23/2026 07:28

Sample Description: RM 142 Classroom Sink

PARAMETER	RESULTS	REP LIMIT	UNITS	METHOD	ANALYSIS DATE/TIME	ANALYST
METALS						
Copper	0.109	0.00100	mg/L	EPA 200.8	09/30/2026 16:55	BRB
Lead	<0.00100	0.00100	mg/L	EPA 200.8	09/30/2026 16:55	BRB

Work Order: 260901485

Sample Number: AA96226

Sample Type: Grab

Sample Date / Time: 09/23/2026 07:21

Sample Description: RM 144 Classroom Sink

PARAMETER	RESULTS	REP LIMIT	UNITS	METHOD	ANALYSIS DATE/TIME	ANALYST
METALS						
Copper	0.179	0.00100	mg/L	EPA 200.8	09/30/2026 17:20	BRB
Lead	<0.00100	0.00100	mg/L	EPA 200.8	09/30/2026 17:20	BRB

Certification Summary

All accreditations/certifications held by RI Analytical are listed. Not all accreditations/certifications are applicable to this report.

<u>Laboratory</u>	<u>Authority</u>	<u>Program</u>	<u>Identification Number</u>	<u>Expiration Date</u>
RI Analytical Laboratory	RIDOH	State	LAI00033	12/31/2026
RI Analytical Laboratory	MADEP	State	M-RI015	06/30/2027
RI Analytical Laboratory	CTDPH	State	PH-0508	03/31/2028

EPA Primary and Secondary MCLs (Action Limits)

<u>Contaminant</u>	<u>Primary or Secondary</u>	<u>MCL</u>	<u>Units</u>
Total Coliform Bacteria	Primary	Absent or <1	MPN/100mL
Fecal Coliform and E. coli	Primary	Absent or <1	MPN/100mL
Heterotrophic Plate Count (HPC)	Primary	≤500	CFU/mL
Aluminum	Secondary	0.05 to 0.2	mg/L
Antimony	Primary	0.006	mg/L
Arsenic	Primary	0.010	mg/L
Barium	Primary	2.0	mg/L
Beryllium	Primary	0.004	mg/L
Cadmium	Primary	0.005	mg/L
Chloride	Secondary	250	mg/L
Chlorite	Primary	1.0	mg/L
Chromium (total)	Primary	0.1	mg/L
Color	Secondary	15	Color Units
Copper	Primary	1.3	mg/L
Copper	Secondary	1.0	mg/L
Cyanide (as free cyanide)	Primary	0.2	mg/L
Fluoride	Primary	4.0	mg/L
Fluoride	Secondary	2.0	mg/L
Iron	Secondary	0.3	mg/L
Lead	Primary	0.015	mg/L
Manganese	Secondary	0.05	mg/L
Mercury	Primary	0.002	mg/L
Nitrate (measured as Nitrogen)	Primary	10	mg/L
Nitrite (measured as Nitrogen)	Primary	1	mg/L
Odor	Secondary	3	threshold odor number
pH	Secondary	6.5-8.5	SU
Silver	Secondary	0.10	mg/L
Sulfate	Secondary	250	mg/L
Selenium	Primary	0.05	mg/L
Thallium	Primary	0.002	mg/L
Total Dissolved Solids	Secondary	500	mg/L
Turbidity	Primary	5.0	NTU
Zinc	Secondary	5	mg/L

EPA Primary and Secondary MCLs (Action Limits)

<u>Contaminant</u>	<u>Primary or Secondary</u>	<u>MCL</u>	<u>Units</u>
Benzene	Primary	0.005	mg/L
Carbon tetrachloride	Primary	0.005	mg/L
Chlorobenzene	Primary	0.1	mg/L
1,2-dichlorobenzene	Primary	0.6	mg/L
1,4-dichlorobenzene	Primary	0.075	mg/L
1,2-dichloroethane	Primary	0.005	mg/L
1,1-dichloroethene	Primary	0.007	mg/L
cis-1,2-dichloroethene	Primary	0.07	mg/L
trans-1,2-dichloroethene	Primary	0.1	mg/L
Dichloromethane	Primary	0.005	mg/L
1,2-dichloropropane	Primary	0.005	mg/L
Ethylbenzene	Primary	0.7	mg/L
Styrene	Primary	0.1	mg/L
Tetrachloroethane	Primary	0.005	mg/L
Toluene	Primary	1	mg/L
Total Trihalomethanes (TTHM)*	Primary	0.080	mg/L
1,2,4-Trichlorobenzene	Primary	0.07	mg/L
1,1,1-Trichloroethane	Primary	0.2	mg/L
1,1,2-Trichloroethane	Primary	0.005	mg/L
Trichloroethene	Primary	0.005	mg/L
Vinyl chloride	Primary	0.002	mg/L
Xylenes (total)	Primary	10	mg/L
Hazard Index (Annual Average)	Primary	<1.0	ng/L
PFOA	Primary	4.0	ng/L
PFOS	Primary	4.0	ng/L
PFNA	Primary	10	ng/L
PFHxS	Primary	10	ng/L
HFPO-DA (Gen X)	Primary	10	ng/L

* Sum of concentrations of dibromodichloromethane, bromoform, chloroform, and dibromochloromethane

Report Date:10/06/2026