2023 Q3 Test Results for the UCMR Rule 5

The Environmental Protection Agency's Unregulated Contaminant Monitoring (UCMR) Rule 5 was published on December 27, 2021. UCMR 5 requires sample collection for 30 chemical contaminants (including 29 PFAS compounds as well as lithium) between 2023 and 2025 using analytical methods developed by the EPA and consensus organizations. The tables on the following pages show the Regional Water Authority's results from September 2023, the RWA's first compliance period under the UCMR rule.

Results, as well as the minimum reporting limit (MRL), are listed in parts per billion. The Regional Water Authority has contracted with American Water's national laboratory to conduct these tests. In accordance with the EPA's reporting parameters and American Water's standard reporting methodology, test results with a value less than the MRL are listed as "<MRL" or less than the minimum reporting limit. For results with a value at or higher than the MRL, the actual result is listed.

[Next Page]

Lake Gaillard and Lake Saltonstall Water Treatment Plants

		Lake Gaillard				Lake Saltonstall			
Analyte	*MRL (ug/L)*	09/23	12/23	03/24	06/24	09/23	12/23	03/24	06/24
11CL-PF3OUdS	*0.005*	<MRL	-	-	-	<MRL	-	-	-
8:2FTS	*0.005*	<MRL	-	-	-	<MRL	-	-	-
4:2FTS	*0.003*	<MRL	-	-	-	<MRL	-	-	-
6:2FTS	*0.005*	<MRL	-	-	-	<MRL	-	-	-
ADONA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
9CL-PF3ONS	*0.002*	<MRL	-	-	-	<MRL	-	-	-
HFPO-DA	*0.005*	<MRL	-	-	-	<MRL	-	-	-
NFDHA	*0.02*	<MRL	-	-	-	<MRL	-	-	-
PFEESA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFMPA	*0.004*	<MRL	-	-	-	<MRL	-	-	-
PFMBA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFBS	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFBA	*0.005*	<MRL	-	-	-	<MRL	-	-	-
PFDA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFDoA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFHpS	*0.003*	<MRL	-	-	-`	<MRL	-	-	-
PFHpA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFHxS	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFHxA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFNA	*0.004*	<MRL	-	-	-	<MRL	-	-	-
PFOS	*0.004*	<MRL	-	-	-	<MRL	-	-	-
PFOA	*0.004*	<MRL	-	-	-	<MRL	-	-	-
PFPeS	*0.004*	<MRL	-	-	-	<MRL	-	-	-
PFPeA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFUnA	*0.002*	<MRL	-	-	-	<MRL	-	-	-
NEtFOSAA	*0.005*	<MRL	-	-	-	<MRL	-	-	-
NMeFOSAA	*0.006*	<MRL	-	-	-	<MRL	-	-	-
PFTA	*0.008*	<MRL	-	-	-	<MRL	-	-	-
PFTrDA	*0.007*	<MRL	-	-	-	<MRL	-	-	-
Lithium	*9*	<MRL	-	-	-	<MRL	-	-	-

West River and Lake Whitney Water Treatment Plants

		West River				Lake Whitney			
Analyte	*MRL (ug/L)*	09/23	12/23	03/24	06/24	09/23	12/23	03/24	06/24
11CL-PF3OUdS	*0.005*	<MRL	-	-	-	<MRL	-	-	-
8:2FTS	*0.005*	<MRL	-	-	-	<MRL	-	-	-
4:2FTS	*0.003*	<MRL	-	-	-	<MRL	-	-	-
6:2FTS	*0.005*	<MRL	-	-	-	<MRL	-	-	-
ADONA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
9CL-PF3ONS	*0.002*	<MRL	-	-	-	<MRL	-	-	-
HFPO-DA	*0.005*	<MRL	-	-	-	<MRL	-	-	-
NFDHA	*0.02*	<MRL	-	-	-	<MRL	-	-	-
PFEESA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFMPA	*0.004*	<MRL	-	-	-	<MRL	-	-	-
PFMBA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFBS	*0.003*	<MRL	-	-	-	0.0032	-	-	-
PFBA	*0.005*	<MRL	-	-	-	<MRL	-	-	-
PFDA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFDoA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFHpS	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFHpA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFHxS	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFHxA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFNA	*0.004*	<MRL	-	-	-	<MRL	-	-	-
PFOS	*0.004*	<MRL	-	-	-	<MRL	-	-	-
PFOA	*0.004*	<MRL	-	-	-	0.0052	-	-	-
PFPeS	*0.004*	<MRL	-	-	-	<MRL	-	-	-
PFPeA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFUnA	*0.002*	<MRL	-	-	-	<MRL	-	-	-
NEtFOSAA	*0.005*	<MRL	-	-	-	<MRL	-	-	-
NMeFOSAA	*0.006*	<MRL	-	-	-	<MRL	-	-	-
PFTA	*0.008*	<MRL	-	-	-	<MRL	-	-	-
PFTrDA	*0.007*	<MRL	-	-	-	<MRL	-	-	-
Lithium	*9*	<MRL	-	-	-	<MRL	-	-	-

Mill River Aquifer

		Mt. Carmel Well Field				South Giant Well Field				North Giant Well Field			
Analyte	*MRL (ug/L)*	09/23	12/23	03/24	06/24	09/23	12/23	03/24	06/24	09/23	12/23	03/24	06/24
11CL-PF3OUdS	*0.005*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
8:2FTS	*0.005*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
4:2FTS	*0.003*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
6:2FTS	*0.005*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
ADONA	*0.003*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
9CL-PF3ONS	*0.002*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
HFPO-DA	*0.005*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
NFDHA	*0.02*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFEESA	*0.003*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFMPA	*0.004*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFMBA	*0.003*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFBS	*0.003*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFBA	*0.005*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFDA	*0.003*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFDoA	*0.003*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFHpS	*0.003*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFHpA	*0.003*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFHxS	*0.003*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFHxA	*0.003*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFNA	*0.004*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFOS	*0.004*	0.004	-	-	-	0.0043	-	-	-	0.004	-	-	-
PFOA	*0.004*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFPeS	*0.004*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFPeA	*0.003*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFUnA	*0.002*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
NEtFOSAA	*0.005*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
NMeFOSAA	*0.006*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFTA	*0.008*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
PFTrDA	*0.007*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-
Lithium	*9*	<MRL	-	-	-	<MRL	-	-	-	<MRL	-	-	-

Quinnipiac River Aquifer

		South Cheshire Well Field				North Cheshire Well Field			
Analyte	*MRL (ug/L)*	09/23	12/23	03/24	06/24	09/23	12/23	03/24	06/24
11CL-PF3OUdS	*0.005*	<MRL	-	-	-	<MRL	-	-	-
8:2FTS	*0.005*	<MRL	-	-	-	<MRL	-	-	-
4:2FTS	*0.003*	<MRL	-	-	-	<MRL	-	-	-
6:2FTS	*0.005*	<MRL	-	-	-	<MRL	-	-	-
ADONA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
9CL-PF3ONS	*0.002*	<MRL	-	-	-	<MRL	-	-	-
HFPO-DA	*0.005*	<MRL	-	-	-	<MRL	-	-	-
NFDHA	*0.02*	<MRL	-	-	-	<MRL	-	-	-
PFEESA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFMPA	*0.004*	<MRL	-	-	-	<MRL	-	-	-
PFMBA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFBS	*0.003*	0.0034	-	-	-	<MRL	-	-	-
PFBA	*0.005*	<MRL	-	-	-	<MRL	-	-	-
PFDA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFDoA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFHpS	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFHpA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFHxS	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFHxA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFNA	*0.004*	<MRL	-	-	-	<MRL	-	-	-
PFOS	*0.004*	0.0081	-	-	-	<MRL	-	-	-
PFOA	*0.004*	0.0063	-	-	-	<MRL	-	-	-
PFPeS	*0.004*	<MRL	-	-	-	<MRL	-	-	-
PFPeA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFUnA	*0.002*	<MRL	-	-	-	<MRL	-	-	-
NEtFOSAA	*0.005*	<MRL	-	-	-	<MRL	-	-	-
NMeFOSAA	*0.006*	<MRL	-	-	-	<MRL	-	-	-
PFTA	*0.008*	<MRL	-	-	-	<MRL	-	-	-
PFTrDA	*0.007*	<MRL	-	-	-	<MRL	-	-	-
Lithium	*9*	<MRL	-	-	-	<MRL	-	-	-

Housatonic Aquifer

		Derby Well Field				Seymour Well Field			
Analyte	*MRL (ug/L)*	09/23	12/23	03/24	06/24	09/23	12/23	03/24	06/24
11CL-PF3OUdS	*0.005*	<MRL	-	-	-	<MRL	-	-	-
8:2FTS	*0.005*	<MRL	-	-	-	<MRL	-	-	-
4:2FTS	*0.003*	<MRL	-	-	-	<MRL	-	-	-
6:2FTS	*0.005*	<MRL	-	-	-	<MRL	-	-	-
ADONA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
9CL-PF3ONS	*0.002*	<MRL	-	-	-	<MRL	-	-	-
HFPO-DA	*0.005*	<MRL	-	-	-	<MRL	-	-	-
NFDHA	*0.02*	<MRL	-	-	-	<MRL	-	-	-
PFEESA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFMPA	*0.004*	<MRL	-	-	-	<MRL	-	-	-
PFMBA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFBS	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFBA	*0.005*	<MRL	-	-	-	<MRL	-	-	-
PFDA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFDoA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFHpS	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFHpA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFHxS	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFHxA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFNA	*0.004*	<MRL	-	-	-	<MRL	-	-	-
PFOS	*0.004*	<MRL	-	-	-	<MRL	-	-	-
PFOA	*0.004*	<MRL	-	-	-	<MRL	-	-	-
PFPeS	*0.004*	<MRL	-	-	-	<MRL	-	-	-
PFPeA	*0.003*	<MRL	-	-	-	<MRL	-	-	-
PFUnA	*0.002*	<MRL	-	-	-	<MRL	-	-	-
NEtFOSAA	*0.005*	<MRL	-	-	-	<MRL	-	-	-
NMeFOSAA	*0.006*	<MRL	-	-	-	<MRL	-	-	-
PFTA	*0.008*	<MRL	-	-	-	<MRL	-	-	-
PFTrDA	*0.007*	<MRL	-	-	-	<MRL	-	-	-
Lithium	*9*	<MRL	-	-	-	<MRL	-	-	-