

TABLE
30 Mountain Road Pipe Runoff Treatment Summary
 Princeton, Massachusetts
 RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard	30 MOUNTAIN RUNOFF TREATMENT SUMMARY					
		2/27/2020	4/23/2023	9/12/2023	9/13/2023		
Sampling Date					10,938		
Flow Meter (gallons)							
		PIPE RUNOFF	PIPE RUNOFF	TREATMENT SYSTEM ONLINE	INF	MID	EFF
PFAS (ng/L)							
Perfluorobutanoic acid (PFBA)		-	12		12	ND (1.9)	ND (1.9)
Perfluorobutanesulfonic acid (PFBS)		58	ND (10)		13	ND (1.9)	ND (1.9)
Perfluoropentanoic acid (PFPeA)		-	ND (10)		7.3	ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		88	24		15	ND (1.9)	ND (1.9)
11Cl-PF3OUdS (F53B Minor)		-	ND (10)		ND (1.8)	ND (1.9)	ND (1.9)
9Cl-PF3ONS (F53B Major)		-	ND (10)		ND (1.8)	ND (1.9)	ND (1.9)
4,8-dioxa-3H-perfluorononanoic acid (ADONA)		-	ND (10)		ND (1.8)	ND (1.9)	ND (1.9)
Hexafluoropropylene oxide dimer acid (HFPO-DA)		-	ND (10)		ND (1.8)	ND (1.9)	ND (1.9)
8:2 Fluorotelomersulfonic acid (8:2FTS A)		-	ND (10)		ND (1.8)	ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (10)		ND (1.8)	ND (1.9)	ND (1.9)
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)		-	ND (10)		ND (1.8)	ND (1.9)	ND (1.9)
Perfluoroheptanesulfonic acid (PFHpS)		-	17		17	ND (1.9)	ND (1.9)
N-EtFOSAA		3.1	ND (10)		ND (1.8)	ND (1.9)	ND (1.9)
N-MeFOSAA		3.9	ND (10)		ND (1.8)	ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (10)		ND (1.8)	ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (10)		ND (1.8)	ND (1.9)	ND (1.9)
4:2 Fluorotelomersulfonic acid (4:2FTS A)		-	ND (10)		ND (1.8)	ND (1.9)	ND (1.9)
Perfluorodecanesulfonic acid (PFDS)		-	ND (10)		2.6	ND (1.9)	ND (1.9)
Perfluorooctanesulfonamide (FOSA)		-	ND (10)		2.6	ND (1.9)	ND (1.9)
Perfluorononanesulfonic acid (PFNS)		-	ND (10)		5.0	ND (1.9)	ND (1.9)
Perfluoro-1-hexanesulfonamide (FHxSA)		-	38		27	ND (1.9)	ND (1.9)
Perfluoro-1-butananesulfonamide (FBSA)		-	ND (10)		6.9	ND (1.9)	ND (1.9)
Perfluoro-4-oxapentanoic acid (PFMPA)		-	ND (10)		ND (1.8)	ND (1.9)	ND (1.9)
Perfluoro-5-oxahexanoic acid (PFMBA)		-	ND (10)		ND (1.8)	ND (1.9)	ND (1.9)
6:2 Fluorotelomersulfonic acid (6:2FTS A)		-	ND (10)		ND (1.8)	ND (1.9)	ND (1.9)
Perfluoropentanesulfonic acid (PFPeS)		-	12		-	-	-
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (10)		ND (1.8)	ND (1.9)	ND (1.9)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)		-	ND (10)		ND (1.8)	ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		23	ND (10)		8.0	ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		100	25		20	ND (1.9)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		2800	1200		840	47	ND (1.9)
Perfluorononanoic acid (PFNA)		3.1	ND (10)		3.6	ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		6.2	ND (10)		2.8	ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		710	220		240	10	ND (1.9)
Total (All Compounds)		3,795	1,548		1,223	57	ND (1.9)
Regulated Total	20	3,642	1,445		1,114	57	ND (1.9)

NOTES:
 Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
 - = indicates that the compound was not analyzed
 ND = Not detected above the lab reporting limits shown in parentheses.
 Bolded values exceed the Method 1 Standard
 MMCL is Massachusetts Maximum Contaminant Level