

Summary of October 2020 Nome Airport Water Supply Well Analytical Results

Sample Name			PW-181
Description			Prospect St and Center Creek Rd
Well Category			4
Analyte	EPA LHA	Units	10/28/20
Perfluoro-hexane sulfonic acid (PFHxS)	-	ppt	6.2
Perfluorohexanoic acid (PFHxA)	-	ppt	4.0
Perfluoro-heptanoic acid (PFHpA)	-	ppt	1.6 J
Perfluoro-nonanoic acid (PFNA)	-	ppt	<2.0
Perfluoro-butane sulfonic acid (PFBS)	-	ppt	1.0 J
Perfluorodecanoic acid (PFDA)	-	ppt	<2.0
Perfluoroundecanoic acid (PFUnA)	-	ppt	<2.0
Perfluoro-dodecanoic acid (PFDoA)	-	ppt	<2.0
Perfluorotridecanoic acid (PFTrDA)	-	ppt	<2.0
Perfluoro-tetradecanoic acid (PFTeA)	-	ppt	<2.0
N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)	-	ppt	<2.0
N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	-	ppt	<2.0
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	ppt	<2.0
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	ppt	<2.0
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	-	ppt	<2.0
Hexafluoropropylene oxide dimer acid (HFPO-DA)	-	ppt	<2.0
Perfluorooctanesulfonic acid (PFOS)	70†	ppt	6.3
Perfluorooctanoic acid (PFOA)		ppt	1.8 J
LHA Combined (PFOS + PFOA)	70†	ppt	8.1 J

ppt parts per trillion, equivalent to nanograms per liter

EPA Environmental Protection Agency

LHA Lifetime Health Advisory

† EPA LHA level is 70 ppt for PFOS and PFOA combined.

< Analyte not detected; listed as less than the reporting limit (RL) unless otherwise flagged due to quality-control (QC) failures.

J Estimated concentration, detected greater than the method detection limit (MDL) and less than the RL. Flag applied by the laboratory.