

Table 1 - November 2020 Iliamna Airport Water Supply Well Analytical Results

Sample Name			ILI-001 ^a	ILI-003 ^a	ILI-004		ILI-006	ILI-008	ILI-009		ILI-012	ILI-013	ILI-023 ^a	ILI-030	ILI-031
Well Category			1	1	1		1	1	5		1	1	1	1	1
Analyte	EPA LHA	Units	11/4/2020	11/5/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/5/2020	11/4/2020	11/4/2020
Perfluorohexanesulfonic acid (PFHxS)	-	ppt	21	<1.9	18	19	15	0.86 J	30	29	19	30	<1.9	<1.9	<1.9
Perfluorohexanoic acid (PFHxA)	-	ppt	3.9	<1.9	2.9	3.3	4.0	<1.9	1.4 J	1.4 J	3.1	4.5	<1.9	<1.9	<1.9
Perfluoroheptanoic acid (PFHpA)	-	ppt	0.67 J	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	0.57 J	<1.9	<1.9	<1.9
Perfluorononanoic acid (PFNA)	-	ppt	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluorobutanesulfonic acid (PFBS)	-	ppt	6.1	<1.9	4.8	4.7	5.2	<1.9	6.6	6.7	4.9	8.0	<1.9	<1.9	<1.9
Perfluorodecanoic acid (PFDA)	-	ppt	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluoroundecanoic acid (PFUnA)	-	ppt	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluorododecanoic acid (PFDoA)	-	ppt	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluorotridecanoic acid (PFTrDA)	-	ppt	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluorotetradecanoic acid (PFTeA)	-	ppt	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)	-	ppt	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	-	ppt	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	ppt	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	ppt	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	-	ppt	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Hexafluoropropylene oxide dimer acid (HFPO-DA)	-	ppt	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Perfluorooctanesulfonic acid (PFOS)	70†	ppt	15	<1.9	16	16	10	<1.9	18	18	16	25	<1.9	<1.9	<1.9
Perfluorooctanoic acid (PFOA)		ppt	0.51 J	<1.9	0.69 J	0.74 J	0.60 J	<1.9	<1.9	<1.9	0.69 J	0.98 J	<1.9	<1.9	<1.9
LHA Combined (PFOS + PFOA)	70†	ppt	16 J	n/a	17 J	17 J	11 J	n/a	18 ‡	18 ‡	17 J	26 J	n/a	n/a	n/a

NOTES: Sample III-904 and sample III-909 are field duplicate samples of III-004 and of III-009, respectively.

The reported units, ppt, are equivalent to nanograms per liter.

At the time of the sampling event, the DEC action limit was the sum of EPA LHA level is 70 ppt for PFOS and PFOA

EPA LHA level is 70 ppt for PFOS and PFOA is included for reference.

^a Samples collected post-treatment.

‡ Minimum concentration, the LHA combined concentration includes one or more result that is not detected greater than the MDL.

< 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.

J* Estimated concentration due to quality control failures. Flag applied by Shannon & Wilson, Inc.

N/A Not applicable. The LHA Combined concentration could not be calculated because PFOS and PFOA were not detected in the project sample.

DEC = Alaska Department of Environmental Conservation; DOT&PF = Alaska Department of Transportation & Public Facilities; EPA = Environmental Protection Agency; LHA = Lifetime Health Advisory; ppt = parts per trillion