

Table 1 - Summary of July 2020 Water Supply Well Analytical Results - King Salmon, Alaska

Analyte	EPA LHA	Units	AKNPW-007	AKNPW-008	AKNPW-011	AKNPW-012	AKNPW-112 (DUP)
			07/09/2020	07/09/2020	07/08/2020	07/09/2020	07/09/2020
Perfluorohexanesulfonic acid (PFHxS)	-	ppt	3.0	2.0 JH*	2.8 JH*	7.4	7.1
Perfluorohexanoic acid (PFHxA)	-	ppt	4.1	4.8	5.4	11	12
Perfluoroheptanoic acid (PFHpA)	-	ppt	3.5	0.90 J	1.0 J	2.5	2.4
Perfluorononanoic acid (PFNA)	-	ppt	<1.8	<1.9	<1.9	<1.9	<1.8
Perfluorobutanesulfonic acid (PFBS)	-	ppt	0.77 J	1.6 J	1.0 J	2.1	2.1
Perfluorodecanoic acid (PFDA)	-	ppt	<1.8	<1.9	<1.9	<1.9	<1.8
Perfluoroundecanoic acid (PFUnA)	-	ppt	<1.8	<1.9	<1.9	<1.9	<1.8
Perfluorododecanoic acid (PFDoA)	-	ppt	<1.8	<1.9	<1.9	<1.9	<1.8
Perfluorotridecanoic acid (PFTrDA)	-	ppt	<1.8	<1.9	<1.9	<1.9	<1.8
Perfluorotetradecanoic acid (PFTeA)	-	ppt	<1.8	<1.9	<1.9	<1.9	0.43 J
N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)	-	ppt	<18	<19	<19	<19	<18
N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	-	ppt	<18	<19	<19	<19	<18
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	ppt	<1.8	<1.9	<1.9	<1.9	<1.8
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	ppt	<1.8	<1.9	<1.9	<1.9	<1.8
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	-	ppt	<1.8	<1.9	<1.9	<1.9	<1.8
Hexafluoropropylene oxide dimer acid (HFPO-DA)	-	ppt	<3.7	<3.8	<3.8	<3.7	<3.6
Perfluorooctanesulfonic acid (PFOS)	70+	ppt	4.2	<1.9	<1.9	<1.9	<1.8
Perfluorooctanoic acid (PFOA)	70+	ppt	3.0	3.5 ‡	5.8 ‡	14 ‡	14 ‡
LHA Combined (PFOS + PFOA)	70+	ppt	7.2	3.5 ‡	5.8 ‡	14 ‡	14 ‡

NOTES:

Sample AKNPW-112 is a field-duplicate of sample AKNPW-012.

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

† EPA LHA level is 70 ppt for PFOS and PFOA

‡ Minimum concentration, the LHA combined concentration includes one or more result that is not detected greater than the method detection limit (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 MDL and less than the RL. Flag applied by the laboratory.

JH* Estimated concentration, biased high due to a blank detection. Flag applied by Shannon & Wilson, Inc.

DUP = field-duplicate; EPA = Environmental Protection Agency; LHA = Lifetime Health Advisory; ppt = parts per trillion