

Table 1 - Summary of May 2021 Water Supply Well Analytical Results - Yakutat

Sample Name			33053	33056	33059	33060	33160	33061	33064	33068
Well Category			4	2	4	1		2	1	1
Analyte	EPA LHA	Units	5/15/2021	5/15/2021	5/17/2021	5/16/2021		5/15/2021	5/17/2021	5/15/2021
Perfluorooctanesulfonic acid (PFOS)	70†	ppt	5.5	12 J*	<1.7	5.4	5.7	<1.6	1.9	<1.7
Perfluorooctanoic acid (PFOA)		ppt	1.3 J	3.2 J*	<1.7	1.8	2.1	<1.6	<1.8	<1.7
Perfluorohexanesulfonic acid (PFHxS)	-	ppt	9.2	9.6 J*	<1.7	3.0	3.4	<1.6	1.3 J	<1.7
Perfluorohexanoic acid (PFHxA)	-	ppt	1.7	3.8 J*	0.57 J	6.9	7.0	<1.6	<1.8	<1.7
Perfluoroheptanoic acid (PFHpA)	-	ppt	0.90 J	2.1 J*	<1.7	1.6 J	1.6 J	<1.6	<1.8	<1.7
Perfluorononanoic acid (PFNA)	-	ppt	0.54 J	1.6 J*	<1.7	0.44 J	0.47 J	<1.6	<1.8	<1.7
Perfluorobutanesulfonic acid (PFBS)	-	ppt	<1.7	0.75 J*	<1.7	<1.8	<1.7	<1.6	<1.8	<1.7
Perfluorodecanoic acid (PFDA)	-	ppt	<1.7	0.51 J*	<1.7	<1.8	<1.7	<1.6	<1.8	<1.7
Perfluoroundecanoic acid (PFUnA)	-	ppt	<1.7	<1.6 J*	<1.7	<1.8	<1.7	<1.6	<1.8	<1.7
Perfluorododecanoic acid (PFDoA)	-	ppt	<1.7	<1.6 J*	<1.7	<1.8	<1.7	<1.6	<1.8	<1.7
Perfluorotridecanoic acid (PFTrDA)	-	ppt	<1.7	<1.6 J*	<1.7	<1.8	<1.7	<1.6	<1.8	<1.7
Perfluorotetradecanoic acid (PFTeA)	-	ppt	<1.7	<1.6 J*	<1.7	<1.8	<1.7	<1.6	<1.8	<1.7
N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)	-	ppt	<1.7	<1.6 J*	<1.7	<1.8	<1.7	<1.6	<1.8	<1.7
N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	-	ppt	<1.7	<1.6 J*	<1.7	<1.8	<1.7	<1.6	<1.8	<1.7
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	-	ppt	<1.7	<1.6 J*	<1.7	<1.8	<1.7	<1.6	<1.8	<1.7
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	-	ppt	<1.7	<1.6 J*	<1.7	<1.8	<1.7	<1.6	<1.8	<1.7
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	-	ppt	<1.7	<1.6 J*	<1.7	<1.8	<1.7	<1.6	<1.8	<1.7
Hexafluoropropylene oxide dimer acid (HFPO-DA)	-	ppt	<1.7	<1.6 J*	<1.7	<1.8	<1.7	<1.6	<1.8	<1.7
LHA Combined (PFOS + PFOA)	70†	ppt	6.8 J	15 J*	n/a	7.2	7.8	n/a	1.9 ‡	n/a

Sample 33160 is the field duplicate sample for 33060

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.

- Action level not established.

< 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.

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

n/a Not applicable. The LHA combined concentration could not be calculated because PFOS and PFOA were not detected in the project sample.