

Table 1 — Pond Sampling Analytical Results

Sample ID				3A	3A-2	4B	4B-2	7A
Collection Date				8/21/2023	8/21/2023	8/21/2023	8/21/2023	8/21/2023
Sample Type				Project Sample	Project Sample	Project Sample	Project Sample	Project Sample
Method	Analyte	DEC Regulatory Limit	Units	Result	Result	Result	Result	Result
EPA 537(Mod)	Perfluorooctanesulfonic acid (PFOS)	400	ng/L	88	240	6.5	16	3.1
	Perfluorooctanoic acid (PFOA)	400	ng/L	11	13	<1.8	3.8	3.9
	Hexafluoropropylene oxide dimer acid (HFPO-DA)	N/A	ng/L	<3.9	<3.9	<3.6	<3.7	<3.9
	Perfluorobutanesulfonic acid (PFBS)	N/A	ng/L	8.9	9.5	<1.8	3.6	1.5 J
	Perfluorodecanoic acid (PFDA)	N/A	ng/L	1.6 J	7.2	0.50 J	1.0 J	<1.9
	Perfluorododecanoic acid (PFDoA)	N/A	ng/L	<1.9	2.6	<1.8	<1.8	<1.9
	Perfluoroheptanoic acid (PFHpA)	N/A	ng/L	7.5	8.5	0.40 J	2.0	0.97 J
	Perfluorohexanesulfonic acid (PFHxS)	N/A	ng/L	36	37	0.52 J	12	5.5
	Perfluorohexanoic acid (PFHxA)	N/A	ng/L	24	27	2.2	6.6	3.1
	Perfluorononanoic acid (PFNA)	N/A	ng/L	1.3 J	2.3	<1.8	0.70 J	<1.9
	Perfluorotetradecanoic acid (PFTeA)	N/A	ng/L	<1.9 J*	<2.0 J*	<1.8 J*	<1.8	<1.9
	Perfluorotridecanoic acid (PFTTrDA)	N/A	ng/L	<1.9	<2.0	<1.8	<1.8	<1.9
	Perfluoroundecanoic acid (PFUnA)	N/A	ng/L	<1.9	3.3	<1.8	<1.8	<1.9
	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF3ONS)	N/A	ng/L	<1.9	<2.0	<1.8	<1.8	<1.9
	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUdS)	N/A	ng/L	<1.9	<2.0	<1.8	<1.8	<1.9
	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	N/A	ng/L	<1.9	<2.0	<1.8	<1.8	<1.9
	N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	N/A	ng/L	<4.8	1.3 J	<4.5	<4.6	<4.8
	N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)	N/A	ng/L	<4.8	<4.9	<4.5	<4.6	<4.8

Notes: Results reported from Eurofins Environment Testing work order 320-104122-1
Regulatory limits from 18 AAC 75.345 Table C - Groundwater Cleanup Levels.
DEC Alaska Department of Environmental Conservation
PFAS per- and poly-fluoroalkyl substances
ng/L nanograms per liter
N/A No applicable regulatory limit exists for the associated analyte.
< Analyte not detected; listed as less than the reporting limit unless otherwise flagged due to quality-control failures.
J Estimated concentration, detected greater than the detection limit than the reporting limit. Flag applied by the laboratory.
J* Estimated concentration due to quality control failures. Flag applied by Shannon & Wilson, Inc. (*)