

Table 5 - May 2021 Concrete TCLP Sample Results

Analytical Method	Analyte	DEC		21 GST-Concrete-01	21 GST-Concrete-02	21 GST-Concrete-03
		Regulatory Limit	Units			
EPA 537 - Modified PFAS	Perfluorohexanesulfonic acid (PFHxS)	—	ng/L	84	200	16
	Perfluorohexanoic acid (PFHxA)	—	ng/L	16	170	13
	Perfluoroheptanoic acid (PFHpA)	—	ng/L	2.8	14	1.2J
	Perfluorononanoic acid (PFNA)	—	ng/L	0.36J	<1.8	<1.8
	Perfluorobutanesulfonic acid (PFBS)	—	ng/L	6.1	12	1.0J
	Perfluorodecanoic acid (PFDA)	—	ng/L	0.71J	<1.8	0.33J
	Perfluoroundecanoic acid (PFUnA)	—	ng/L	<1.8	<1.8	<1.8
	Perfluorododecanoic acid (PFDoA)	—	ng/L	<1.8	<1.8	<1.8
	Perfluorotridecanoic acid (PFTrDA)	—	ng/L	<1.8	<1.8	<1.8
	Perfluorotetradecanoic acid (PFTeA)	—	ng/L	<1.8	<1.8	<1.8
	N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)	—	ng/L	<4.4	<4.5	<4.4
	N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	—	ng/L	<4.4	<4.5	<4.4
	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	—	ng/L	<1.8	<1.8	<1.8
	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	—	ng/L	<1.8	<1.8	<1.8
	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	—	ng/L	<1.8	<1.8	<1.8
	Hexafluoropropylene oxide dimer acid (HFPO-DA)	—	ng/L	<3.6	<3.6	<3.5
	Perfluorooctanesulfonic acid (PFOS)	400	ng/L	660	270	30
	Perfluorooctanoic acid (PFOA)	400	ng/L	12	20	1.8

Notes: Results reported from Eurofins TestAmerica Laboratory work order 320-74141-2.

DEC Groundwater-Cleanup Levels from 18 AAC 75.345, Table C

TCLP Toxicity Characteristic Leaching Procedure

DEC Alaska Department of Environmental Conservation

PFAS per- and poly-fluoroalkyl substances

ng/L nanograms per liter, equivalent to parts per trillion

— No applicable DEC regulatory limit exists for the associated analyte.

< Analyte was not detected; reported as <reporting limit (RL).

BOLD The detected concentration exceeds the DEC cleanup level for the associated analyte.

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

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