Extracted from the SNC Lavalin Inc. *Supplementary Detailed Site Investigation Fire Fighting Training Area – CFB Comox, Lazo, BC, Project No.R.097421.002* report, dated October 24, 2019.

TABLE 6: Summary of Analytical Results for Soil - Perfluoroalkyl Substances

				Perfluorinated Carbon Compounds																								
Sample Location	Sample ID	Sample Date (yyyy mm dd)	Depth Interval (m)	Perfluoro butane Sulfonate [PFBS] µg/g	Perfluoro butanoic Acid µg/g	Perfluoro pentanoic Acid µg/g	Perfluoro hexane Sulfonate µg/g	Perfluoro hexanoic Acid µg/g	Perfluoro heptane Sulfonate µg/g	Perfluoro heptanoic Acid µg/g	Perfluoro octane Sulfonamide µg/g	Perfluoro octane Sulfonate [PFOS] µg/g	Perfluoro octanoic Acid [PFOA] µg/g	Perfluoro nonanoic Acid µg/g	Perfluoro decane Sulfonate µg/g	Perfluoro decanoic Acid µg/g	Perfluoro undecanoic Acid µg/g	Perfluoro dodecanoic Acid µg/g	Perfluoro tridecanoic Acid µg/g	Perfluoro tetradecanoic Acid µg/g	PFOS / PFOA Sum of Ratios None	6:2 Fluorotelomer sulfonic acid (6:2 FTS) µg/g	8:2 Fluorotelomer sulfonic acid (8:2 FTS) µg/g	N-Et PFO sulfonamido ethanol (EtFOSE) µg/g	N-Et PFO sulfonamido acetic acid (EtFOSAA) µg/g	N-Et PFO sulfonamide (EtFOSA) µg/g	N-Me PFO sulfonamido acetic acid (MeFOSAA) µg/g	N-Me PFO sulfonamido ethanol (MeFOSE) µg/g	N-Me PFO sulfonamide (MeFOSA) µg/g
TH15-01	TH15-01 S1	2015 01 20	0.0 - 0.4	0.0002	0.0005	0.0022	0.01	0.0019	-	0.0008	0.023	0.45	0.0028	0.0017	0.008	0.0003	0.0004	< 0.0001	< 0.0001	< 0.0001	0.015	-	-	-	-	-	-	-	-
	TH15-01 S2	2015 01 20	0.8 - 1.5	0.0005	0.0003	0.0015	0.0047	0.0019	-	0.0003	< 0.0001	0.023	0.0008	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.001	-	-	-	-	-	-	-	-
	TH15-01 S7	2015 01 20	4.6 - 5.3	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	-	< 0.0001	< 0.0001	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00001	-	-	-	-	-	-	-	-
TH15-02	TH15-02 S2	2015 01 20	1.2 - 1.5	0.0001	< 0.0001	0.0004	0.0007	0.0004	-	0.0001	< 0.0001	0.0002	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00003	-	-	-	-	-	-	-	-
	TH15-02 S4	2015 01 20	2.4 - 2.7	0.0003	0.0002	0.0005	0.0017	0.0008	-	0.0002	0.016	0.12	0.0004	0.0001	0.0005	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.004	-	-	-	-	-	-	-	-
	TH15-02 S7	2015 01 20	4.6 - 4.9	0.0001	< 0.0001	0.0002	0.0006	0.0004	-	< 0.0001	0.001	0.01	0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.0003	-	-	-	-	-	-	-	-
TH15-03	TH15-03 S1	2015 01 20	0.0 - 0.3	0.0008	0.0007	0.0028	0.007	0.002	-	0.001	< 0.0001	0.22	0.002	0.0014	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.007	-	-	-	-	-	-	-	-
	TH15-03 S5	2015 01 20	3.3 - 3.7	0.0001	0.0001	0.0003	0.0005	0.0003	-	< 0.0001	< 0.0001	0.003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.0001	-	-	-	-	-	-	-	-
	TH15-100	Duplicate	3.3 - 3.7	0.0001	< 0.0001	0.0002	0.0006	0.0004	-	< 0.0001	< 0.0001	0.0029	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.0001	-	-	-	-	-	-	-	-
	QA/QC RPD%			*	*	*	*	*	-	*	*	*	*	*	*	*	*	*	*	*	*	-	-	-	-	-	-	-	-
	TH15-03 S8	2015 01 20	5.8 - 6.1	< 0.0001	< 0.0001	< 0.0001	0.0002	< 0.0001	-	< 0.0001	< 0.0001	0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00007	-	-	-	-	-	-	-	-
TH15-04	TH15-04 S2	2015 01 21	0.9 - 1.5	0.0002	0.0001	0.0005	0.0022	0.0005	-	0.0003	< 0.0001	0.0005	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00005	-	-	-	-	-	-	-	-
	TH15-04 S5	2015 01 21	2.6 - 2.9	0.0002	< 0.0001	0.0003	0.0014	0.0005	-	0.0002	< 0.0001	0.0002	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00003	-	-	-	-	-	-	-	-
	TH15-04 S7	2015 01 21	3.9 - 4.6	< 0.0001	< 0.0001	< 0.0001	0.0001	< 0.0001	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	n/a	-	-	-	-	-	-	-	-
TH15-05	TH15-05 S2	2015 01 21	0.8 - 1.0	< 0.0001	< 0.0001	0.0002	0.0005	0.0003	-	0.0001	0.0006	0.0044	0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.0002	-	-	-	-	-	-	-	-
	TH15-05 S5	2015 01 21	3.0 - 3.3	< 0.0001	< 0.0001	< 0.0001	0.0001	< 0.0001	-	< 0.0001	< 0.0001	0.0007	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00002	-	-	-	-	-	-	-	-
	TH15 101 S100	Duplicate	3.0 - 3.3	< 0.0001	< 0.0001	< 0.0001	0.0001	< 0.0001	-	< 0.0001	< 0.0001	0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00000	-	-	-	-	-	-	-	-
	QA/QC RPD%			*	*	*	*	*	-	*	*	*	*	*	*	*	*	*	*	*	*	-	-	-	-	-	-	-	-
	TH15-05 S7	2015 01 21	4.9 - 5.2	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	n/a	-	-	-	-	-	-	-	-
TH15-06	TH15-06 S2	2015 01 21	0.6 - 0.9	0.0005	0.0004	0.0017	0.0036	0.0019	-	0.0007	< 0.0001	0.042	0.0007	0.0005	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.001	-	-	-	-	-	-	-	-
	TH15-06 S4	2015 01 21	1.5 - 1.8	0.0003	0.0003	0.0012	0.0021	0.0011	-	0.0003	< 0.0001	0.0043	0.0004	0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.0002	-	-	-	-	-	-	-	-
	TH15-06 S9	2015 01 21	5.8 - 6.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	-	< 0.0001	< 0.0001	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00001	-	-	-	-	-	-	-	-
TH15-07	TH15-07 S1	2015 01 21	0.0 - 0.3	0.0006	0.001	0.0047	0.013	0.0035	-	0.002	0.0001	0.44	0.0036	0.0023	< 0.0001	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.015	-	-	-	-	-	-	-	-
	TH15-07 S6	2015 01 21	4.2 - 4.6	0.0006	0.0003	0.0011	0.0045	0.0019	-	0.0003	< 0.0001	0.0021	0.0006	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.0001	-	-	-	-	-	-	-	-
	TH15-07 S7	2015 01 21	4.9 - 5.2	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	-	< 0.0001	< 0.0001	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00001	-	-	-	-	-	-	-	-
TH15-08	TH15-08 S1	2015 01 22	0.0 - 0.6	< 0.005	< 0.005	0.017	0.11	0.016	-	0.006	0.2	3.7	0.021	0.01	0.019	0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.123	-	-	-	-	-	-	-	-
	TH15-08 S2	2015 01 22	0.6 - 1.1	0.0012	0.001	0.0041	0.015	0.0038	-	0.0009	0.038	0.31	0.002	0.0004	0.0021	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.010	-	-	-	-	-	-	-	-
	TH15 103	Duplicate	0.6 - 1.1	0.0012	0.0009	0.0044	0.017	0.0036	-	0.0009	0.06	0.45	0.002	0.0005	0.0011	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.015	-	-	-	-	-	-	-	-
	QA/QC RPD%			*	*	*	*	*	-	*	*	*	*	*	*	*	*	*	*	*	*	-	-	-	-	-	-	-	-
	TH15-08 S3	2015 01 22	1.1 - 1.5	0.0006	0.0006	0.0023	0.01	0.0022	-	0.0005	0.008	0.081	0.0011	0.0001	0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.003	-	-	-	-	-	-	-	-
TH15-09	TH15-09 S2	2015 01 22	0.5 - 0.6	0.0017	0.0015	0.0054	0.023	0.0041	-	0.0013	0.0006	0.56	0.0038	0.0039	0.0001	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.019	-	-	-	-	-	-	-	-
	TH15-09 S4	2015 01 22	1.8 - 2.1	0.0024	0.0011	0.0044	0.026	0.007	-	0.0011	< 0.0001	0.12	0.0019	0.0004	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.004	-	-	-	-	-	-	-	-
	TH15-09 S7	2015 01 22	4.3 - 4.6	0.0022	0.0009	0.0035	0.01	0.005	-	0.0008	< 0.0001	0.03	0.0014	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.001	-	-	-	-	-	-	-	-
TH15-10	TH15-10 S1	2015 01 22	0.3 - 0.6	0.0007	0.0007	0.0029	0.011	0.002	-	0.0008	< 0.0001	0.13	0.0019	0.001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.004	-	-	-	-	-	-	-	-
	TH15-10 S3	2015 01 22	1.5 - 1.8	0.0018	0.0011	0.006	0.017	0.0041	-	0.0014	< 0.0001	0.063	0.0023	0.0005	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.002	-	-	-	-	-	-	-	-
	TH15-10 S5	2015 01 22	3.3 - 3.6	0.0008	0.0004	0.0021	0.0041	0.002	-	0.0005	< 0.0001	0.0033	0.0007	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.0002	-	-	-	-	-	-	-	-
BH16-11	BH16-11-S3	2016 09 12	1.2 - 1.5	< 0.0002	< 0.0000999	< 0.0000999	< 0.0002	< 0.0000999	-	< 0.0000999	< 0.0000999	< 0.000216	< 0.0000999	< 0.0000999	-	< 0.0000999	< 0.0000999	< 0.0000999	-	-	n/a	-	-	-	-	-	-	-	-
	BH16-11-S5	2016 09 12	2.7 - 3.0	< 0.0002	< 0.0001	< 0.0001	< 0.0002	< 0.0001	-	< 0.0001	< 0.0001	< 0.000259	< 0.0001	< 0.0001	-	< 0.0001	< 0.0001	< 0.000195	-	-	n/a	-	-	-	-	-	-	-	-
	BH16-11-S6	2016 09 12	4.9 - 5.8	< 0.000201	< 0.0001	< 0.0001	< 0.000201	< 0.0001	-	< 0.0001	< 0.0001	< 0.000208	< 0.0001	< 0.0001	-	< 0.0001	< 0.0001	< 0.0001	-	-	n/a	-	-	-	-	-	-	-	-
BH16-12	BH16-12-S1	2016 09 12	0.0 - 0.3	< 0.000197	< 0.0000987	0.000369	0.00141	0.000211	-	0.000157	< 0.0000987	0.0239	0.000529	0.0023	-	< 0.0000987	< 0.0000987	< 0.0000987	-	-	0.001	-	-	-	-	-	-	-	-
	BH16-12-S2	2016 09 12	0.6 - 1.0	< 0.000199	0.000124	0.00024	0.00196	0.000216	-	0.000163	< 0.0000996	0.00229	0.000713	< 0.0000996	-	< 0.0000996	< 0.0000996	< 0.0000996	-	-	0.0001	-	-	-	-	-	-	-	-
	BH16-DUP-B	Duplicate	0.6 - 1.0	< 0.000181	< 0.0000903	0.000205	0.00152	0.00014	-	0.000243	< 0.0000903	0.00267	0.000605	0.000146	-	< 0.0000903	< 0.0000903	< 0.0000903	-	-	0.0001	-	-	-	-	-	-	-	-
	QA/QC RPD%			*	*	16	25	43	-	39	*	15	16	*	-	*	*	*	-	-	*	-	-	-	-	-	-	-	-
	BH16-12-S4	2016 09 12	2.4 - 3.0	< 0.000199	< 0.0000994	< 0.0000994	< 0.000199	< 0.0000994	-	< 0.0000994	< 0.0000994	0.000367	< 0.0000994	< 0.0000994	-	< 0.0000994	< 0.0000994	< 0.0000994	-	-	0.00001	-	-	-	-	-	-	-	-
BH16-13	BH16-13-S2	2016 09 13	0.2 - 0.6	0.000212	0.000292	0.00115	0.00175	0.000858	-	0.000317	0.00594	0.0381	0.000495	< 0.0000986	-	< 0.0000986	< 0.0000986	< 0.0000986	-	-	0.001	-	-	-	-	-	-	-	-
	BH16-13-S3	2016 09 13	0.8 - 1.9	< 0.0002	0.000146	0.000562	0.000231	0.000324	-	0.000109	< 0.0001	0.000395	< 0.0001	< 0.0001	-	< 0.0001	< 0.0001	< 0.0001	-	-	0.00001	-	-	-	-	-	-	-	-
	BH16-13-S5	2016 09 13	2.4 - 3.0	< 0.000201	0.000123	0.000366	0.000207	0.000251	-	< 0.0001	< 0.0001	< 0.000201	< 0.0001	< 0.0001	-	< 0.0001	< 0.0001	< 0.0001	-	-	n/a	-	-	-	-	-	-	-	-
BH16-14	BH16-14-S1	2016 09 14	0.0 - 0.3	< 0.0002	0.000523	0.000663	0.000262	< 0.0001	-	< 0.0001	< 0.0001	0.0132	0.00018	< 0.0001	-	< 0.0001	< 0.0001	< 0.0001	-	-	0.0005	-	-	-	-	-	-	-	-
	BH16-14-S2	2016 09 14	1.7 - 2.2	< 0.000199	< 0.0000996	< 0.0000996	< 0.000199	< 0.0000996	-	< 0.0000996	< 0.0000996	< 0.000308	< 0.0000996	< 0.0000996	-	< 0.0000996	< 0.0000996	< 0.0000996	-	-	n/a	-	-	-	-	-	-	-	-
BH16-16	BH16-16-S1	2016 09 13	0.0 - 0.3	< 0.000203	0.000187	0.000813	0.000747	0.000455	-	0.000201	0.000121	0.0134	0.000386	0.000282	-	0.000138	< 0.000101	< 0.000101	-	-	0.0005	-	-	-	-	-	-	-	-
	BH16-16-S11	2016 09 13	11.3 - 12.2	< 0.000198	< 0.000099	< 0.000099	< 0.000198	< 0.000099	-	< 0.000099	< 0.000099	< 0.000198	< 0.000099	< 0.000099	-	< 0.000099	< 0.000099	< 0.000099	-	-	n/a	-	-	-	-	-	-	-	-
	BH16-16-S2	2016 09 13	0.3 - 0.5	< 0.000199	< 0.000135	0.00054	0.00159	0.000503	-	0.000542	0.000546	0.0469	0.000831	0.00147	-	0.000232	< 0.0000996	< 0.0000996	-	-	0.002	-	-	-	-	-	-	-	-
	BH16-DUP-D	Duplicate	0.3 - 0.5	< 0.000182	< 0.000111	0.000478	0.0015	0.000537	-	0.000347	0.000392	0.0406	0.000823	0.00132	-	0.000237	< 0.000091	< 0.000091	-	-	0.001	-	-	-	-	-	-	-	-
	QA/QC RPD%			*	*	12	6	7	-	44	33	14	1	*	-	*	*	*	-	-	*	-	-	-	-	-	-	-	-
	BH16-16-S4	2016 09 13	0.6 - 1.2	< 0.000198	< 0.0000992	< 0.0000992	< 0.000208	< 0.0000992	-	< 0.0000992	< 0.0000992	0.000581	< 0.0000992	< 0.0000992	-	< 0.0000992	< 0.0000992	< 0.0000992	-	-	0.00002	-	-	-	-	-	-	-	-
	BH16-16-S7	2016 09 13	4.6 - 5.5	< 0.000196	< 0.0000981	< 0.0000981	< 0.000196	< 0.0000981	-	< 0.0000981	< 0.0000981	< 0.000196	< 0.0000981	< 0.0000981	-	< 0.0000981	< 0.0000981	< 0.0000981	-	-	n/a	-	-	-	-	-	-	-	-
BH16-17	BH16-17-S1	2016 09 14	0.0 - 0.5	< 0.000203	0.000432	0.000402	0.000623	0.000245	-	0.000396	< 0.000101	0.00376	0.000387	0.000463	-	< 0.000101	< 0.000101	< 0.000101	-	-	0.0002	-	-	-	-	-	-	-	-
	BH16-17-S2	2016 09 14	0.5 - 0.8	< 0.000202	< 0.000101	< 0.000101	0.000301	< 0.000101	-	< 0.000101	< 0.000101	0.000849	< 0.000101	< 0.000101	-	< 0.000101	< 0.000101	< 0.000101	-	-	0.00003	-	-	-	-	-	-	-	-
	BH16-17-S4	2016 09 14	2.4 - 3.0	< 0.000195	< 0.0000976	< 0.0000976	< 0.000195	< 0.0000976	-	< 0.0000976	< 0.0000976	< 0.000195	< 0.0000976	< 0.0000976	-	< 0.0000976	< 0.0000976	< 0.0000976	-	-	n/a	-	-	-	-	-	-	-	-
BH16-19	BH16-19-S1	2016 09 14	0.0 - 0.6	< 0.000199	0.000467	0.000469	0.000496	0.000256	-	0.000143	< 0.0000995	0.0304	0.00028	0.000748	-	< 0.0000995	< 0.0000995	< 0.0000995	-	-	0.001	-	-	-	-	-	-	-	-
	BH16-19-S2	2016 09 14	0.9 - 1.5	< 0.000184	< 0.000092	< 0.000092	< 0.000184	< 0.000092	-	< 0.000092	< 0.000092	< 0.000184	< 0.000092	< 0.000092	-	< 0.000092	< 0.000092	< 0.000092	-	-	n/a	-	-	-	-	-	-	-	-
	BH16-19-S5	2016 09 14	4.9 - 5.8	< 0.000182	< 0.0000912	< 0.0000912	< 0.000182	< 0.0000912	-	< 0.0000912	< 0.0000912	< 0.000186	< 0.0000912	< 0.0000912	-	< 0.0000912	< 0.0000912	< 0.0000912	-	-	n/a	-	-	-	-	-	-	-	-
	BH16-DUP-F	Duplicate	4.9 - 5.8	< 0.00018	< 0.0000902	< 0.0000902	< 0.00018	< 0.0000902	-	< 0.0000902	< 0.0000902	< 0.00018	< 0.0000902	< 0.0000902	-	< 0.0000902	< 0.0000902	< 0.0000902	-	-	n/a	-	-	-	-	-	-	-	-
	QA/QC RPD%			*	*	*	*	*	-	*	*	*	*	*	-	*	*	*	-	-	*	-	-	-	-	-	-	-	-
	BH16-19-S9	2016 09 14	11.3 - 12.2	< 0.000184	< 0.0000918	< 0.0000918	< 0.000184	< 0.0000918	-	< 0.0000918	< 0.0000918	< 0.000184	< 0.0000918	< 0.0000918	-	< 0.0000918	< 0.0000918	< 0.0000918	-	-	n/a	-	-	-	-	-	-	-	-
BH16-20	BH16-20-S1	2016 09 12	0.0 - 0.3	0.000308	0.000465	0.00079	0.00589	0.000598	-	0.00052	< 0.0000971	0.0127	0.000616	0.000433	-	< 0.0000971	< 0.0000971	< 0.0000971	-	-	0.0005	-	-	-	-	-	-	-	-
	BH16-20-S3	2016 09 12	1.2 - 1.5	0.000254	0.0002	0.000451	0.00112	0.000515	-	0.000361	< 0.000096	< 0.000222	0.000125	< 0.000096	-	< 0.000096	< 0.000096	< 0.000096	-	-	0.00001	-	-	-	-	-	-	-	-
	BH16-20-S6	2016 09 12	5.5 - 6.1	< 0.000187	< 0.0000934	< 0.0000934	< 0.000187	< 0.0000934	-	< 0.0000934	< 0.0000934	< 0.000187	< 0.0000934	< 0.0000934	-	< 0.0000934	< 0.0000934	< 0.0000934	-	-	n/a	-	-	-	-	-	-	-	-
TP1	TP1-S1	2016 09 15	0.0 - 0.6	0.00143	0.00181	0.0046	0.0104	0.00222	-	0.000994	0.00244	0.183	0.00225	0.00391	-	0.00135	0.00145	0.000138	-	-	0.006	-	-	-	-	-	-	-	-
	TP1-S2	2016 09 15	0.6 - 1.1	0.00316	0.00199	0.00767	0.0282	0.00954	-	0.00281	0.000839	0.836	0.00773	0.00112	-	0.000244	< 0.0000951	< 0.0000951	-	-	0.028	-	-	-	-	-	-	-	-
TP2	TP2-S1	2016 09 15	0.0 - 0.5	0.00361	0.00799	0.027	0.046	0.0341	-	0.00735	0.44	1.81	0.0231	0.00491	-	0.0064	0.00149	0.00189	-	-	0.062	-	-	-	-	-	-	-	-
	TP2-S2	2016 09 15	0.5 - 1.0	0.0262	0.0137	0.0765	0.992	0.127	-	0.0401	0.0461	0.702	0.221	0.00283	-	< 0.000124	< 0.0000955	< 0.0000955	-	-	0.045	-	-	-	-	-	-	-	-
Federal Guideline																												
FCSAP Human Health Screening Values				872	1,630	11.41	33	11.41	n/a	11.41	n/a	30.5	9.94	1.2	n/a	n/a	n/a	n/a	n/a	n/a	1	11.41	11.41	n/a	n/a	n/a	n/a	n/a	n/a
FCSAP Draft Federal Soil Quality Guidelines				n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.14	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
BC Standard																												
CSR Low Density Residential Land Use (RLLD)[a]				300	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.35	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CSR Reverted Wildlands Land Use (WLR)[a]				650	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.35	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CSR Agricultural Land Use (AL)[a]				300	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.35	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Associated Maxxam file(s): B8X7174, B8X9082, B8Y0505, B8Y0558, B940039, B940057, B940068, B967911.
All terms defined within the body of SNC-Lavalin's report.
< Denotes concentration less than indicated detection limit or RPD less than indicated value.
\- Denotes analysis not conducted.
n/a Denotes no applicable standard/guideline.

QA/QC RPD Denotes quality assurance/quality control relative percent difference
* RPDs are not calculated where one or more concentrations are less than five times RDL.
RDL Denotes reported detection limit.
NOTE: no PFAS guidelines for CCME CEQG Industrial Guidelines (shown below for informational purposes).
NOTE: CSR standards only applied to locations BH16-13 through BH16-19, BH18-24 through BH18-26, BH18-31, BH18-41 through BH18-44, BH19-49, BH19-56, BH19-57, BH19-61 through BH19-66.

BOLD Concentration greater than CCME CEQG Industrial (IL) Guideline
BLUE Concentration greater than FCSAP Human Health Screening Values
OUTLINE Concentration greater than FCSAP Draft Federal Soil Quality Guidelines

ITALIC Concentration greater than CSR Low Density Residential Land Use (RLLD) standard
UNDERLINE Concentration greater than CSR Reverted Wildlands Land Use (WLR) standard
SHADED Concentration greater than CSR Agricultural Land Use (AL) standard

[a] The site-specific factors used for determining the matrix standards for this site include: intake of contaminated soil, groundwater used for drinking water, groundwater used for irrigation, toxicity to soil invertebrates and plants, and groundwater flow to surface water used by freshwater aquatic life (whichever is most stringent).

TABLE 6 (Cont'd): Summary of Analytical Results for Soil - Perfluoroalkyl Substances

				Perfluorinated Carbon Compounds																									
Sample Location	Sample ID	Sample Date (yyyy mm dd)	Depth Interval (m)	Perfluoro butane Sulfonate [PFBS] µg/g	Perfluoro butanoic Acid µg/g	Perfluoro pentanoic Acid µg/g	Perfluoro hexane Sulfonate µg/g	Perfluoro hexanoic Acid µg/g	Perfluoro heptane Sulfonate µg/g	Perfluoro heptanoic Acid µg/g	Perfluoro octane Sulfonamide µg/g	Perfluoro octane Sulfonate [PFOS] µg/g	Perfluoro octanoic Acid [PFOA] µg/g	Perfluoro nonanoic Acid µg/g	Perfluoro decane Sulfonate µg/g	Perfluoro decanoic Acid µg/g	Perfluoro undecanoic Acid µg/g	Perfluoro dodecanoic Acid µg/g	Perfluoro tridecanoic Acid µg/g	Perfluoro tetradecanoic Acid µg/g	PFOS / PFOA Sum of Ratios None	6:2 Fluorotelomer sulfonic acid (6:2 FTS) µg/g	8:2 Fluorotelomer sulfonic acid (8:2 FTS) µg/g	N-Et PFO sulfonamido ethanol (EtFOSE) µg/g	N-Et PFO sulfonamido acetic acid (EtFOSAA) µg/g	N-Et PFO sulfonamide (EtFOSA) µg/g	N-Me PFO sulfonamido acetic acid (MeFOSAA) µg/g	N-Me PFO sulfonamido ethanol (MeFOSE) µg/g	N-Me PFO sulfonamide (MeFOSA) µg/g
TP3	TP3-S1	2016 09 15	0.0 - 0.2	0.000437	0.00226	0.00472	0.00209	0.000982	-	0.000652	< 0.0000925	0.0289	0.000611	0.000353	-	0.000147	0.000114	< 0.0000925	-	-	0.001	-	-	-	-	-	-	-	-
	TP3-S4	2016 09 15	0.4 - 0.6	< 0.000173	0.000133	0.000543	0.000807	0.000319	-	0.000127	< 0.0000864	0.000585	< 0.0000864	< 0.0000864	-	< 0.0000864	< 0.0000864	< 0.0000864	-	-	0.00002	-	-	-	-	-	-	-	-
TP4	TP4-S1	2016 09 15	0.0 - 0.3	0.000644	0.00244	0.00645	0.00843	0.00561	-	0.00226	0.012	0.165	0.00368	0.00218	-	0.000975	0.000163	0.000261	-	-	0.006	-	-	-	-	-	-	-	-
	TP4-S3	2016 09 15	1.0 - 2.5	0.00371	0.00265	0.0102	0.0563	0.0161	-	0.00357	0.000474	0.142	0.0164	0.000216	-	< 0.0000954	< 0.0000954	< 0.0000954	-	-	0.006	-	-	-	-	-	-	-	-
	TP-DUP-A	Duplicate	1.0 - 1.5	0.00385	0.00336	0.00967	0.0572	0.0152	-	0.00374	0.000384	0.101	0.0155	0.000144	-	< 0.0000971	< 0.0000971	< 0.0000971	-	-	0.005	-	-	-	-	-	-	-	-
	QA/QC RPD%			4	24	5	2	6	-	5	21	34	6	*	-	*	*	*	-	-	*	-	-	-	-	-	-	-	-
TP5	TP5-S1	2016 09 15	0.0 - 0.6	0.0102	0.00404	0.0202	0.134	0.0366	-	0.00795	0.0107	0.591	0.043	0.00355	-	0.000198	< 0.0000857	< 0.0000857	-	-	0.024	-	-	-	-	-	-	-	-
	TP5-S2	2016 09 15	0.6 - 0.9	0.0369	0.011	0.0269	0.922	0.0901	-	0.0359	0.000135	0.00475	0.154	< 0.000151	-	< 0.0000958	< 0.0000958	< 0.0000958	-	-	0.016	-	-	-	-	-	-	-	-
TP6	TP6-S1	2016 09 15	0.0 - 0.3	< 0.000189	0.000262	0.000413	0.00468	0.000339	-	< 0.0000943	< 0.0000943	0.173	0.000328	0.00035	-	< 0.0000943	< 0.0000943	< 0.0000943	-	-	0.006	-	-	-	-	-	-	-	-
	TP6-S2	2016 09 15	0.3 - 0.6	0.000959	0.000467	0.00209	0.00219	0.00207	-	0.00084	< 0.0000938	0.000788	0.000182	< 0.0000938	-	< 0.0000938	< 0.0000938	< 0.0000938	-	-	0.00004	-	-	-	-	-	-	-	-
TP7	TP7-S1	2016 09 15	0.0 - 0.3	0.000252	< 0.0000934	0.00019	0.00223	0.000197	-	0.000117	< 0.0000934	0.0104	0.000095	< 0.0000934	-	< 0.0000934	< 0.0000934	< 0.0000934	-	-	0.0004	-	-	-	-	-	-	-	-
	TP-DUP-F	Duplicate	0.0 - 0.3	< 0.00019	0.000114	0.000203	0.00213	0.000205	-	< 0.0000951	< 0.0000951	0.011	0.000173	0.000182	-	< 0.0000951	< 0.0000951	< 0.0000951	-	-	0.0004	-	-	-	-	-	-	-	-
	QA/QC RPD%			*	*	7	5	4	-	*	*	6	58	*	-	*	*	*	-	-	*	-	-	-	-	-	-	-	-
	TP7-S2	2016 09 15	0.3 - 0.9	< 0.000192	< 0.0000962	< 0.0000962	0.000275	< 0.0000962	-	< 0.0000962	< 0.0000962	< 0.000211	< 0.0000962	< 0.0000962	-	< 0.0000962	< 0.0000962	< 0.0000962	-	-	n/a	-	-	-	-	-	-	-	-
TP8	TP8-S1	2016 09 15	0.0 - 0.3	0.000708	0.000696	0.0025	0.00496	0.000986	-	0.000486	< 0.0000995	0.116	0.000877	0.00138	-	0.000381	0.000133	< 0.0000995	-	-	0.004	-	-	-	-	-	-	-	-
	TP8-S2	2016 09 15	0.3 - 0.9	< 0.000198	0.000325	0.000896	0.00218	0.000609	-	0.000334	< 0.0000991	0.0887	0.00072	0.00167	-	0.000208	< 0.0000991	< 0.0000991	-	-	0.003	-	-	-	-	-	-	-	-
TP9	TP9-S1	2016 09 15	0.0 - 0.3	0.00187	0.00218	0.0112	0.041	0.00954	-	0.00314	0.0283	1.06	0.00991	0.0035	-	0.00244	0.00109	0.00213	-	-	0.036	-	-	-	-	-	-	-	-
	TP9-S2	2016 09 15	0.3 - 0.6	0.00427	0.00305	0.0172	0.129	0.017	-	0.00472	0.00198	0.422	0.021	0.000726	-	< 0.000136	< 0.000108	< 0.000091	-	-	0.016	-	-	-	-	-	-	-	-
TP10	TP10-S1	2016 09 15	0.0 - 0.3	0.000403	0.000341	0.00228	0.00778	0.00296	-	0.00206	0.00016	0.0246	0.00263	0.000467	-	0.000455	< 0.0000956	< 0.0000956	-	-	0.001	-	-	-	-	-	-	-	-
	TP10-S3	2016 09 15	0.6 - 1.1	0.000243	0.00035	0.00145	0.00145	0.00111	-	0.00032	0.000206	0.00317	0.000245	< 0.000091	-	< 0.000091	< 0.000091	< 0.000091	-	-	0.0001	-	-	-	-	-	-	-	-
BH18-21	BH18-21-01	2018 12 10	0.2 - 0.4	< 0.0010	< 0.0010	0.0014	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0034	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0001	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-21-02	2018 12 10	0.6 - 0.9	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0047	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0002	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-21-04	2018 12 11	0.0 - 0.2	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	n/a	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
BH18-22	BH18-22-01	2018 12 11	0.2 - 0.3	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0097	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0003	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-22-02	2018 12 11	0.6 - 0.8	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0015	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.00005	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-22-03	2018 12 11	1.2 - 1.4	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0023	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0001	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
BH18-23	BH18-23-01	2018 12 11	0.0 - 0.3	< 0.0010	< 0.0010	0.0023	0.0080	0.0016	< 0.0010	< 0.0010	0.0094	0.12	0.0022	0.0027	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.004	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-23-02	2018 12 11	0.8 - 0.9	< 0.0010	< 0.0010	< 0.0010	0.0019	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0044	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0001	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-23-03	2018 12 11	1.4 - 1.5	< 0.0010	< 0.0010	< 0.0010	0.0017	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	n/a	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-23-04	2018 12 12	2.3 - 2.6	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	n/a	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
BH18-27	BH18-27-01	2018 12 11	0.0 - 0.3	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	n/a	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-27-02	2018 12 11	0.6 - 0.9	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.031	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.001	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
	BH18-27-02 Post-Ox	2018 12 11	Post-Oxidation	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	0.03	< 0.012	< 0.012	< 0.012	< 0.012	-	< 0.012	< 0.012	< 0.012	0.001	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012
	Difference	2018 12 11	Change	< DL	< DL	< DL	< DL	< DL	< DL	< DL	< DL	0.001	< DL	< DL	< DL	< DL	-	< DL	< DL	< DL	0.000	< DL	< DL	< DL	< DL	< DL	< DL	< DL	< DL
BH18-28	BH18-28-01	2018 12 12	0.0 - 0.5	< 0.0010	< 0.0010	0.0026	0.011	0.0023	0.0018	< 0.0010	< 0.0010	0.047	0.0028	0.0011	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.002	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-28-02	2018 12 12	0.6 - 1.0	< 0.0010	< 0.0010	0.0030	0.0088	0.0027	0.0010	0.0010	< 0.0010	0.0074	0.0024	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0005	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-28-03	Duplicate	0.6 - 1.0	< 0.0010	< 0.0010	0.0014	0.0049	0.0015	< 0.0010	< 0.0010	< 0.0010	0.0091	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0003	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	QA/QC RPD%			*	*	*	*	*	*	*	*	21	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	BH18-28-04	2018 12 12	1.1 - 1.5	< 0.0010	< 0.0010	0.0012	0.0041	0.0012	< 0.0010	< 0.0010	< 0.0010	0.0058	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0002	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-28-05	2018 12 12	1.6 - 2.0	< 0.0010	< 0.0010	< 0.0010	0.0017	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0014	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.00005	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
BH18-29	BH18-29-01	2018 12 12	0.0 - 0.3	< 0.0020	< 0.0020	< 0.0020	0.011	0.0022	< 0.0020	< 0.0020	< 0.0020	0.097	< 0.0020	0.0041	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.003	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
	BH18-29-01 Post-Ox	2018 12 12	Post-Oxidation	< 0.012	< 0.012	< 0.012	0.014	< 0.012	< 0.012	< 0.012	< 0.012	0.1	< 0.012	< 0.012	< 0.012	< 0.012	-	< 0.012	< 0.012	< 0.012	0.003	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012
	Difference	2018 12 12	Change	< DL	< DL	< DL	0.003	not calc	< DL	< DL	< DL	0.003	< DL	not calc	< DL	< DL	-	< DL	< DL	< DL	0.000	< DL	< DL	< DL	< DL	< DL	< DL	< DL	< DL
	BH18-29-02	2018 12 12	0.3 - 0.6	< 0.0010	< 0.0010	0.0026	0.0076	0.0029	< 0.0010	0.0012	< 0.0010	0.0099	0.0020	0.0012	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.001	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-29-03	2018 12 12	0.6 - 0.9	0.0021	< 0.0010	0.0027	0.012	0.0039	< 0.0010	0.0014	< 0.0010	0.0016	0.0015	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0002	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
BH18-30	BH18-30-01	2018 12 13	0.0 - 0.3	< 0.0020	< 0.0020	< 0.0020	0.0031	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.033	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.001	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
	BH18-30-01 Post-Ox	2018 12 13	0.0 - 0.3	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	0.028	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	0.001	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012
	Difference	2018 12 12	Change	< DL	< DL	< DL	not calc	< DL	< DL	< DL	< DL	-0.005	< DL	< DL	< DL	< DL	< DL	< DL	< DL	< DL	0.000	< DL	< DL	< DL	< DL	< DL	< DL	< DL	< DL
	BH18-30-02	2018 12 13	0.3 - 0.6	< 0.0020	< 0.0020	< 0.0020	0.0054	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0027	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.000	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
BH18-32	BH18-32-01	2018 12 13	0.0 - 0.3	0.0025	0.0040	0.014	0.061	0.012	0.0097	0.0068	0.032	1.8	0.02	0.019	0.013	0.0092	0.0033	< 0.0020	< 0.0020	< 0.0020	0.061	0.036	0.0087	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
	BH18-32-01 Post-Ox	2018 12 13	0.0 - 0.3	< 0.012	0.17	0.2	0.082	0.31	< 0.012	0.11	0.035	2.4	0.1	0.028	0.013	0.013	< 0.012	< 0.012	< 0.012	< 0.012	0.089	0.38	0.1	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012
	Difference	2018 12 12	Change	not calc	0.166	0.186	0.021	0.298	not calc	0.1032	0.003	0.6	0.08	0.009	0	0.0038	not calc	< DL	< DL	< DL	0.028	0.344	0.0913	< DL	< DL	< DL	< DL	< DL	< DL
	BH18-32-02	2018 12 13	0.4 - 0.7	0.0016	0.0028	0.0097	0.021	0.0083	0.0031	0.0032	0.0070	0.58	0.0074	0.0048	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.020	0.013	0.0066	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-32-03	2018 12 13	0.8 - 1.1	0.0086	0.0047	0.028	0.067	0.029	0.0068	0.0090	< 0.0020	0.3	0.017	0.0031	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.012	0.032	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
	BH18-32-05	2018 12 16	1.5 - 1.8	0.0043	0.0019	0.011	0.04	0.015	0.0023	0.0042	< 0.0010	0.026	0.0067	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.002	0.036	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-32-06	2018 12 16	2.1 - 2.4	0.0040	0.0021	0.011	0.035	0.014	0.0018	0.0037	< 0.0010	0.028	0.0059	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.002	0.03	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
BH18-33D	BH18-33-01	2018 12 13	0.0 - 0.3	< 0.0010	0.0012	0.0023	0.01	0.0012	0.0013	< 0.0010	0.078	0.24	0.0036	0.0038	0.046	0.0083	0.0078	0.0026	< 0.0010	< 0.0010	0.008	0.0065	0.048	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0020
	BH18-33-02	2018 12 13	0.6 - 0.9	< 0.0010	< 0.0010	0.0020	0.015	0.0017	< 0.0010	0.0016	0.044	0.17	0.0079	0.0056	0.031	0.0076	0.0022	< 0.0010	< 0.0010	< 0.0010	0.006	0.0079	0.21	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0015
	BH18-33-02 Post-Ox	2018 12 13	0.6 - 0.9	< 0.0060	0.1	0.17	0.06	0.39	< 0.0060	0.18	0.012	0.43	0.19	0.042	0.024	0.015	< 0.0060	< 0.0060	< 0.0060	< 0.0060	0.033	0.063	0.12	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060
	Difference	2018 12 12	Change	< DL	0.099	0.168	0.045	0.3883	not calc	0.1784	-0.032	0.26	0.1821	0.0364	-0.007	0.0074	not calc	< DL	< DL	< DL	0.027	0.0551	-0.09	< DL	< DL	< DL	< DL	< DL	not calc
	BH18-33-03	2018 12 13	1.2 - 1.5	0.0020	0.0032	0.014	0.058	0.02	0.012	0.0048	0.0058	2.3	0.023	0.0049	< 0.0010	0.0025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.078	0.16	0.47	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-33-04	2018 12 14	1.5 - 1.8	0.0022	0.0038	0.0077	0.03	0.017	0.0033	0.0026	< 0.0010	0.25	0.0078	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.009	0.088	0.015	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-33-05	Duplicate	1.5 - 1.8	0.0020	0.0037	0.0084	0.038	0.016	0.0039	0.0028	< 0.0010	0.22	0.0096	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.008	0.12	0.013	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	QA/QC RPD%			*	*	9	24	6	*	*	*	13	21	*	*	*	*	*	*	*	*	31	14	*	*	*	*	*	*
	BH18-33-06	2018 12 14	2.0 - 2.3	0.0045	0.0063	0.013	0.057	0.026	0.0042	0.0048	< 0.0010	0.19	0.012	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.007	0.12	0.01	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-33-07	2018 12 14	3.0 - 3.4	0.0045	0.0021	0.0053	0.019	0.012	< 0.0010	0.0016	< 0.0010	0.0068	0.0024	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.000	0.034	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
BH18-34	BH18-34-02	2018 12 13	0.6 - 0.9	< 0.0020	0.0030	0.0075	0.024	0.0048	0.0023	0.0049	0.046	1.4	0.017	0.013	0.0052	0.015	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.048	0.0084	0.31	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
	BH18-34-02 Post-Ox	2018 12 13	0.6 - 0.9	< 0.012	0.11	0.14	0.041	0.3	< 0.012	0.08	0.032	1.7	0.096	0.021	< 0.012	0.014	< 0.012	< 0.012	< 0.012	< 0.012	0.065	0.13	0.25	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012
	Difference	2018 12 12	Change	< DL	0.107	0.1325	0.017	0.2952	not calc	0.0751	-0.014	0.3	0.079	0.008	not calc	-0.001	< DL	< DL	< DL	< DL	0.018	0.1216	-0.06	< DL	< DL	< DL	< DL	< DL	< DL
	BH18-34-03	2018 12 13	1.2 - 1.5	< 0.0020	0.0032	0.01	0.017	0.0082	< 0.0020	0.0037	0.0050	0.24	0.0063	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.009	0.027	0.052	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
	BH18-34-04	2018 12 15	1.7 - 2.0	< 0.0010	< 0.0010	0.0025	0.0058	0.0028	< 0.0010	< 0.0010	< 0.0010	0.042	0.0017	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.002	0.013	0.0057	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-34-05	2018 12 15	2.3 - 2.6	< 0.0010	< 0.0010	0.0021	0.0082	0.0025	< 0.0010	< 0.0010	< 0.0010	0.047	0.0021	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.002	0.022	0.0070	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Federal Guideline																													
FCSAP Human Health Screening Values				872	1,630	11.41	33	11.41	n/a	11.41	n/a	30.5	9.94	1.2	n/a	n/a	n/a	n/a	n/a	n/a	1	11.41	11.41	n/a	n/a	n/a	n/a	n/a	n/a
FCSAP Draft Federal Soil Quality Guidelines				n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.14	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
BC Standard																													
CSR Low Density Residential Land Use (RLLD)[a]				300	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.35	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CSR Reverted Wildlands Land Use (WLR)[a]				650	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.35	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CSR Agricultural Land Use (AL)[a]				300	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.35	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Associated Maxxam file(s): B8X7174, B8X9082, B8Y0505, B8Y0558, B940039, B940057, B940068, B967911.
All terms defined within the body of SNC-Lavalin's report.
< Denotes concentration less than indicated detection limit or RPD less than indicated value.
- Denotes analysis not conducted.
n/a Denotes no applicable standard/guideline.

QA/QC RPD Denotes quality assurance/quality control relative percent difference
* RPDs are not calculated where one or more concentrations are less than five times RDL.
RDL Denotes reported detection limit.
NOTE: no PFAS guidelines for CCME CEQG Industrial Guidelines (shown below for informational purposes).
NOTE: CSR standards only applied to locations BH16-13 through BH16-19, BH18-24 through BH18-26, BH18-31, BH18-41 through BH18-44, BH19-49, BH19-56, BH19-57, BH19-61 through BH19-66.

BOLD Concentration greater than CCME CEQG Industrial (IL) Guideline
BLUE Concentration greater than FCSAP Human Health Screening Values
OUTLINE Concentration greater than FCSAP Draft Federal Soil Quality Guidelines

ITALIC Concentration greater than CSR Low Density Residential Land Use (RLLD) standard
UNDERLINE Concentration greater than CSR Reverted Wildlands Land Use (WLR) standard
SHADED Concentration greater than CSR Agricultural Land Use (AL) standard

[a] The site-specific factors used for determining the matrix standards for this site include: intake of contaminated soil, groundwater used for drinking water, groundwater used for irrigation, toxicity to soil invertebrates and plants, and groundwater flow to surface water used by freshwater aquatic life (whichever is most stringent).

TABLE 6 (Cont'd): Summary of Analytical Results for Soil - Perfluoroalkyl Substances

				Perfluorinated Carbon Compounds																									
Sample Location	Sample ID	Sample Date (yyyy mm dd)	Depth Interval (m)	Perfluoro butane Sulfonate [PFBS] µg/g	Perfluoro butanoic Acid µg/g	Perfluoro pentanoic Acid µg/g	Perfluoro hexane Sulfonate µg/g	Perfluoro hexanoic Acid µg/g	Perfluoro heptane Sulfonate µg/g	Perfluoro heptanoic Acid µg/g	Perfluoro octane Sulfonamide µg/g	Perfluoro octane Sulfonate [PFOS] µg/g	Perfluoro octanoic Acid [PFOA] µg/g	Perfluoro nonanoic Acid µg/g	Perfluoro decane Sulfonate µg/g	Perfluoro decanoic Acid µg/g	Perfluoro undecanoic Acid µg/g	Perfluoro dodecanoic Acid µg/g	Perfluoro tridecanoic Acid µg/g	Perfluoro tetradecanoic Acid µg/g	PFOS / PFOA Sum of Ratios None	6:2 Fluorotelomer sulfonic acid (6:2 FTS) µg/g	8:2 Fluorotelomer sulfonic acid (8:2 FTS) µg/g	N-Et PFO sulfonamido ethanol (EtFOSE) µg/g	N-Et PFO sulfonamido acetic acid (EtFOSAA) µg/g	N-Et PFO sulfonamide (EtFOSA) µg/g	N-Me PFO sulfonamido acetic acid (MeFOSAA) µg/g	N-Me PFO sulfonamido ethanol (MeFOSE) µg/g	N-Me PFO sulfonamide (MeFOSA) µg/g
BH18-35	BH18-35-01	2018 12 13	0.0 - 0.3	< 0.0010	< 0.0010	0.0013	0.0072	0.0013	0.0016	< 0.0010	0.036	0.34	0.0010	0.0010	< 0.0010	0.0011	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.011	0.03	0.023	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-35-01 Post-Ox	2018 12 13	0.0 - 0.3	0.0061	0.14	0.23	0.096	0.65	< 0.0060	0.12	< 0.0060	0.32	0.081	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	0.019	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060
	Difference	2018 12 12	Change	0.0051	0.139	0.2287	0.0888	0.6487	not calc	0.119	-0.03	-0.02	0.08	0.005	< DL	0.0049	< DL	< DL	< DL	< DL	0.007	-0.024	-0.017	< DL	< DL	< DL	< DL	< DL	< DL
	BH18-35-02	2018 12 13	0.6 - 0.9	0.0067	0.0026	0.013	0.14	0.016	0.022	0.0037	< 0.0020	0.22	0.023	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.010	0.17	0.0023	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
	BH18-35-03	2018 12 13	1.2 - 1.5	< 0.0010	0.0011	0.0049	0.013	0.0047	0.0013	0.0010	0.0044	0.12	0.0019	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.004	0.018	0.0068	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-35-04	2018 12 15	1.7 - 2.0	< 0.0010	< 0.0010	0.0026	0.0096	0.0029	< 0.0010	< 0.0010	0.0023	0.08	0.0017	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.003	0.017	0.0032	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
BH18-36	BH18-36-02	2018 12 17	1.1 - 1.4	< 0.0010	< 0.0010	0.0014	0.0093	0.0011	0.0017	< 0.0010	< 0.0010	0.17	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.006	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-36-03	2018 12 17	1.8 - 2.1	< 0.0010	< 0.0010	< 0.0010	0.0037	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.039	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.001	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-36-03 Post-Ox	2018 12 17	Post-Oxidation	< 0.0060	< 0.0060	< 0.0060	< 0.0060	0.0092	< 0.0060	< 0.0060	< 0.0060	0.026	< 0.0060	< 0.0060	< 0.0060	< 0.0060	-	< 0.0060	< 0.0060	< 0.0060	0.001	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060
	Difference	2018 12 17	Change	< DL	< DL	< DL	not calc	0.0082	< DL	< DL	< DL	-0.013	< DL	< DL	< DL	< DL	-	< DL	< DL	< DL	0.000	< DL	< DL	< DL	< DL	< DL	< DL	< DL	< DL
	BH18-36-05	2018 12 17	2.7 - 3.0	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0056	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0002	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
BH18-37	BH18-37-04	2018 12 17	2.3 - 2.6	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0033	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0001	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
BH18-39	BH18-39-01	2018 12 17	0.0 - 0.3	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0049	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0002	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-39-01 Post-Ox	2018 12 17	Post-Oxidation	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	-	< 0.0060	< 0.0060	< 0.0060	n/a	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060
	Difference	2018 12 17	Change	< DL	< DL	< DL	< DL	< DL	< DL	< DL	< DL	not calc	< DL	< DL	< DL	< DL	-	< DL	< DL	< DL	not calc	< DL	< DL	< DL	< DL	< DL	< DL	< DL	< DL
	BH18-39-02	2018 12 17	0.3 - 0.6	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0016	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0001	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-39-04	2018 12 17	1.2 - 1.5	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	n/a	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
BH18-40	BH18-40-01	2018 12 17	0.0 - 0.3	< 0.0020	< 0.01	< 0.01	0.031	< 0.01	< 0.01	< 0.01	< 0.01	0.67	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.023	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
	BH18-40-01 Post-Ox	2018 12 17	Post-Oxidation	< 0.012	0.018	0.022	0.035	0.037	< 0.012	< 0.012	< 0.012	0.73	0.013	< 0.012	< 0.012	< 0.012	-	< 0.012	< 0.012	< 0.012	0.025	0.018	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012
	Difference	2018 12 17	Change	< DL	0.008	0.012	0.004	0.027	< DL	< DL	< DL	0.06	0.003	< DL	< DL	< DL	-	< DL	< DL	< DL	0.002	0.008	< DL	< DL	< DL	< DL	< DL	< DL	< DL
	BH18-40-02	2018 12 17	0.3 - 0.6	< 0.0010	< 0.0010	0.0032	0.0060	0.0033	< 0.0010	0.0010	< 0.0010	0.056	0.0016	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.002	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
BH18-45	BH18-45-01	2018 12 17	0.0 - 0.3	< 0.0010	0.0016	0.0011	0.0066	< 0.0010	< 0.0010	< 0.0010	0.0015	0.14	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.005	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH18-45-01 Post-Ox	2018 12 17	Post-Oxidation	< 0.0060	0.016	0.021	0.015	0.049	< 0.0060	0.0091	< 0.0060	0.12	0.0068	< 0.0060	< 0.0060	< 0.0060	-	< 0.0060	< 0.0060	< 0.0060	0.005	0.016	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060
	Difference	2018 12 17	Change	< DL	0.0144	0.0199	0.0084	0.048	< DL	0.0081	not calc	-0.02	0.0058	< DL	< DL	< DL	-	< DL	< DL	< DL	0.000	0.015	< DL	< DL	< DL	< DL	< DL	< DL	< DL
BH19-48	BH19-48-01	2019 03 04	0.0 - 0.3	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0077	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0003	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH19-48-02	2019 03 04	0.5 - 0.8	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	n/a	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH19-48-03	2019 03 04	0.9 - 1.1	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	n/a	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH19-48-04	2019 03 04	1.4 - 1.5	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	n/a	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH19-48-05	2019 03 04	1.7 - 1.8	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	n/a	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
BH19-53	BH19-53-01	2019 03 05	0.0 - 0.2	< 0.0010	< 0.0010	0.0015	0.0032	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.027	0.0011	0.0013	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.001	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH19-53-02	2019 03 05	0.5 - 0.6	< 0.0010	< 0.0010	0.0011	0.0020	0.0010	< 0.0010	< 0.0010	< 0.0010	0.0011	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.00004	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH19-53-03	2019 03 05	0.9 - 1.1	< 0.0010	< 0.0010	0.0014	0.0054	0.0021	< 0.0010	< 0.0010	< 0.0010	0.0022	0.0012	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0002	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH19-53-04	2019 03 05	1.4 - 1.5	< 0.0010	< 0.0010	< 0.0010	0.0030	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0021	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0001	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH19-53-05	2019 03 05	1.7 - 1.8	< 0.0010	< 0.0010	< 0.0010	0.0025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0011	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.00004	0.0011	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
BH19-59	BH19-59-03	2019 03 07	1.7 - 2.0	< 0.0010	< 0.0010	0.0010	0.0024	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.014	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0005	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH19-59-04	2019 03 07	2.6 - 3.0	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0049	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0002	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH19-59-05	Duplicate	2.6 - 3.0	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0049	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0002	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	QA/QC RPD%			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	BH19-59-07	2019 03 07	3.7 - 4.0	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	n/a	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
BH19-67	BH19-67-02	2019 03 08	0.9 - 1.2	< 0.0010	< 0.0010	< 0.0010	0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0052	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0002	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH19-67-04	2019 03 08	2.3 - 2.6	< 0.0010	< 0.0010	< 0.0010	0.0014	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0051	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0002	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH19-67-06	2019 03 08	3.7 - 3.8	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	n/a	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
BH19-69	BH19-69-01	2019 03 08	0.0 - 0.2	< 0.0010	< 0.0010	< 0.0010	0.0025	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.042	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.001	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH19-69-02	2019 03 08	0.5 - 0.6	< 0.0010	< 0.0010	< 0.0010	0.0063	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.066	0.0011	0.0020	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.002	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH19-69-03	2019 03 08	0.9 - 1.1	< 0.0020	< 0.0020	< 0.0020	0.0030	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.019	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.001	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
	BH19-69-04	2019 03 08	1.2 - 1.4	< 0.0010	< 0.0010	< 0.0010	0.0011	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.011	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0004	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH19-69-05	2019 03 08	1.5 - 1.7	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	n/a	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH19-69-06	2019 03 08	2.1 - 2.4	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	n/a	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	BH19-69-07	Duplicate	2.1 - 2.4	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	n/a	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	QA/QC RPD%			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Federal Guideline																													
FCSAP Human Health Screening Values				872	1,630	11.41	33	11.41	n/a	11.41	n/a	30.5	9.94	1.2	n/a	n/a	n/a	n/a	n/a	n/a	1	11.41	11.41	n/a	n/a	n/a	n/a	n/a	n/a
FCSAP Draft Federal Soil Quality Guidelines				n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.14	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
BC Standard																													
CSR Low Density Residential Land Use (RLLD)[a]				300	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.35	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CSR Reverted Wildlands Land Use (WLR)[a]				650	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.35	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CSR Agricultural Land Use (AL)[a]				300	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.35	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Associated Maxxam file(s): B8X7174, B8X9082, B8Y0505, B8Y0558, B940039, B940057, B940068, B967911.
All terms defined within the body of SNC-Lavalin's report.
< Denotes concentration less than indicated detection limit or RPD less than indicated value.
- Denotes analysis not conducted.
n/a Denotes no applicable standard/guideline.

QA/QC RPD Denotes quality assurance/quality control relative percent difference
* RPDs are not calculated where one or more concentrations are less than five times RDL.
RDL Denotes reported detection limit.
NOTE: no PFAS guidelines for CCME CEQG Industrial Guidelines (shown below for informational purposes).
NOTE: CSR standards only applied to locations BH16-13 through BH16-19, BH18-24 through BH18-26, BH18-31, BH18-41 through BH18-44, BH19-49, BH19-56, BH19-57, BH19-61 through BH19-66.

BOLD	Concentration greater than CCME CEQG Industrial (IL) Guideline	*ITALIC*	Concentration greater than CSR Low Density Residential Land Use (RLLD) standard
BLUE	Concentration greater than FCSAP Human Health Screening Values	UNDERLINE	Concentration greater than CSR Reverted Wildlands Land Use (WLR) standard
OUTLINE	Concentration greater than FCSAP Draft Federal Soil Quality Guidelines	SHADED	Concentration greater than CSR Agricultural Land Use (AL) standard

[a] The site-specific factors used for determining the matrix standards for this site include: intake of contaminated soil, groundwater used for drinking water, groundwater used for irrigation, toxicity to soil invertebrates and plants, and groundwater flow to surface water used by freshwater aquatic life (whichever is most stringent).

Extracted from the Arcadis G&M of North Carolina, Inc. *PFAS Soil Stabilization Treatability Study Report, PFAS Contamination, Fire Fighting Training Area, CFB Comox, Lazo, BC* report, dated May 13, 2020.

ARCADIS Design & Consultancy for natural and built assets

Table 2. Method 537 PFAS Soil Screening Data

PERFLUOROALKYL SUBSTANCES (SOIL): Triplicate Baseline TOP Assay Results				
Sample ID:	SOIL HOMOGENATE-1	SOIL HOMOGENATE-2	SOIL HOMOGENATE-3	AVERAGE
Perfluorinated Compounds - Pre- and Post-Oxidation (µg/kg)				
Perfluorobutanoic acid (PFBA)	<10	<10	<10	<10
Post Oxidation Perfluorobutanoic acid (PFBA)	**210**	**250**	**210**	**223.3**
Perfluoropentanoic acid (PFPeA)	**25**	**23**	**26**	**24.7**
Post Oxidation Perfluoropentanoic acid (PFPeA)	**280**	**260**	**220**	**253.3**
Perfluorohexanoic acid (PFHxA)	**22**	**22**	**22**	**22**
Post Oxidation Perfluorohexanoic acid (PFHxA)	**340**	**380**	**330**	**350**
Perfluoroheptanoic acid (PFHpA)	<10	<10	<10	<10
Post Oxidation Perfluoroheptanoic acid (PFHpA)	**120**	**140**	**110**	**123.3**
Perfluorooctanoic acid (PFOA)	**31**	**33**	**32**	**32**
Post Oxidation Perfluorooctanoic acid (PFOA)	**200**	**260**	**210**	**223.3**
Perfluorononanoic acid (PFNA)	**16**	**14**	**15**	**15**
Post Oxidation Perfluorononanoic acid (PFNA)	**25**	**26**	**25**	**25.3**
Perfluorodecanoic acid (PFDA)	<10	<10	<10	<10
Post Oxidation Perfluorodecanoic acid (PFDA)	<6	<6	<6	<6
Perfluoroundecanoic acid (PFUnA)	<10	<10	<10	<10
Post Oxidation Perfluoroundecanoic acid (PFUnA)	<6	<6	<6	<6
Perfluorododecanoic acid (PFDoA)	<10	<10	<10	<10
Post Oxidation Perfluorododecanoic acid (PFDoA)	<6	<6	<6	<6
Perfluorotridecanoic acid (PFTRDA)	<10	<10	<10	<10
Post Oxidation Perfluorotridecanoic acid (PFTRDA)	<6	<6	<6	<6
Perfluorotetradecanoic acid(PFTEDA)	<10	<10	<10	<10
Post Oxidation Perfluorotetradecanoic acid(PFTEDA)	<6	<6	<6	<6
Perfluorobutanesulfonic acid (PFBS)	<10	<10	<10	<10
Post Oxidation Perfluorobutanesulfonic acid (PFBS)	**6**	**6.3**	**6.1**	**6.1**
Perfluorohexanesulfonic acid(PFHxS)	**82**	**79**	**79**	**80**
Post Oxidation Perfluorohexanesulfonic acid(PFHxS)	**120**	**130**	**110**	**120**
Perfluoroheptanesulfonic acid PFHpS	<10	<10	<10	<10
Post Oxidation Perfluoroheptanesulfonic acid PFHpS	**14**	**16**	**14**	**14.7**
Perfluorooctanesulfonic acid (PFOS)	**3200**	**2800**	**2800**	**2933.3**
Post Oxidation Perfluorooctanesulfonic acid (PFOS)	**2300**	**2500**	**2400**	**2400**
Perfluorodecanesulfonic acid (PFDS)	<10	<10	<10	<10
Post Oxidation Perfluorodecanesulfonic acid (PFDS)	<6	<6	<6	<6
Perfluorooctane Sulfonamide (PFOSA)	**210**	**250**	**210**	**223.3**
Post Oxidation Perfluorooctane Sulfonamide (PFOSA)	**98**	**93**	**120**	**103.7**
EtFOSA	<10	<10	<10	<10
Post Oxidation EtFOSA	<6	<6	<6	<6
MeFOSA	<10	<10	<10	<10
Post Oxidation MeFOSA	<6	<6	<6	<6
EtFOSE	<10	<10	<10	<10
Post Oxidation EtFOSE	<6	<6	<6	<6
MeFOSE	<10	<10	<10	<10
Post Oxidation MeFOSE	<6	<6	<6	<6
EtFOSAA	<10	<10	<10	<10
Post Oxidation EtFOSAA	<6	<6	<6	<6
MeFOSAA	<10	<10	<10	<10
Post Oxidation MeFOSAA	<6	<6	<6	<6
6:2 Fluorotelomer sulfonic acid	**140**	**160**	**150**	**150**
Post Oxidation 6:2 Fluorotelomer sulfonic acid	**340**	**360**	**420**	**373.3**
8:2 Fluorotelomer sulfonic acid	**210**	**240**	**210**	**220**
Post Oxidation 8:2 Fluorotelomer sulfonic acid	**140**	**160**	**160**	**153.3**
Surrogate Recovery (%)				
Post Oxidation 13C2-6:2-Fluorotelomersulfonic Acid	108	107	106	107.0
Post Oxidation 13C2-8:2-Fluorotelomersulfonic Acid	89	93	88	90.0
Post Oxidation 13C2-Perfluorodecanoic acid	92	94	92	92.7
Post Oxidation 13C2-Perfluorododecanoic acid	79	87	82	82.7
Post Oxidation 13C2-Perfluorohexanoic acid	105	109	108	107.3
Post Oxidation 13C2-perfluorotetradecanoic acid	75	85	77	79.0
Post Oxidation 13C2-Perfluoroundecanoic acid	85	90	87	87.3
Post Oxidation 13C3-Perfluorobutanesulfonic acid	96	97	95	96.0
Post Oxidation 13C4-Perfluorobutanoic acid	54	49 (1)	53	53.5
Post Oxidation 13C4-Perfluoroheptanoic acid	95	96	95	95.3
Post Oxidation 13C4-Perfluorooctanesulfonic acid	101	100	101	100.7
Post Oxidation 13C4-Perfluorooctanoic acid	96	97	95	96.0
Post Oxidation 13C5-Perfluorononanoic acid	95	99	93	95.7
Post Oxidation 13C5-Perfluoropentanoic acid	89	105	103	99.0
Post Oxidation 13C8-Perfluorooctane Sulfonamide	82	88	82	84.0
Post Oxidation 18O2-Perfluorohexanesulfonic acid	97	101	95	97.7
Post Oxidation D3-MeFOSAA	85	87	82	84.7
Post Oxidation D5-EtFOSAA	82	87	80	83.0
Post Oxidation D7-MeFOSE	76	81	76	77.7
Post Oxidation D9-EtFOSE	75	79	74	76.0
13C2-6:2-Fluorotelomersulfonic Acid	96	94	94	94.7
13C2-8:2-Fluorotelomersulfonic Acid	95	93	96	94.7
13C2-Perfluorodecanoic acid	99	101	102	100.7
13C2-Perfluorododecanoic acid	96	97	98	97.0
13C2-Perfluorohexanoic acid	111	111	115	112.3
13C2-perfluorotetradecanoic acid	93	94	94	93.7
13C2-Perfluoroundecanoic acid	98	99	101	99.3
13C3-Perfluorobutanesulfonic acid	97	97	99	97.7
13C4-Perfluorobutanoic acid	103	104	106	104.3
13C4-Perfluoroheptanoic acid	109	110	111	110.0
13C4-Perfluorooctanesulfonic acid	97	97	97	97.0
13C4-Perfluorooctanoic acid	103	104	105	104.0
13C5-Perfluorononanoic acid	104	106	105	105.0
13C5-Perfluoropentanoic acid	107	107	110	108.0
13C8-Perfluorooctane Sulfonamide	96	94	95	95.0
18O2-Perfluorohexanesulfonic acid	94	94	97	95.0
D3-MeFOSA	87	88	88	87.7
D3-MeFOSAA	97	94	95	95.3
D5-EtFOSA	88	90	88	88.7
D5-EtFOSAA	91	95	96	94.0
D7-MeFOSE	86	89	88	87.7
D9-EtFOSE	85	86	88	86.3

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
ND = Not detected
N/A = Not Applicable
(1) Extracted internal standard analyte recovery was below the defined lower control limit (LCL)
Laboratory spiked soil resulted in satisfactory recovery of the extracted internal standard analyte
When considered together, these QC data suggest that matrix interferences may be increasing the variability of the associated native analyte result (Perfluorobutanoic acid - PFBA).

Results relate only to the items tested.