

Parameter	Sample Date	UNITS	Foam Pit	Foam Pit	Foam Pit	
			12-Sep-2019	29-Aug-2018 <sup>(1)</sup>	29-Aug-2013	29-Aug-2013
Sample ID			13-35	13-35	13-35	13-38 (Duplicate of 13-35)
<b>Miscellaneous Parameters</b>						
6:2 Fluorotelomer sulfonate		ug/L	680	720	--	--
8:2 Fluorotelomer sulfonate		ug/L	17	55	--	--
Perfluorobutane Sulfonate (PFBS)		ug/L	<8.0	1.7	<10	<10
Perfluorobutanoic acid (PFBA)		ug/L	49	35	17	18
Perfluorodecane Sulfonate (PFDS)		ug/L	<8.0	<0.80	--	--
Perfluorodecanoic Acid (PFDA)		ug/L	<8.0	1.6	<10	<10
Perfluorododecanoic Acid (PFDoA)		ug/L	<8.0	<0.80	<10	<10
Perfluoroheptane sulfonate (PFHpS)		ug/L	<8.0	8.3	--	--
Perfluoroheptanoic Acid (PFHpA)		ug/L	100	61	16	16
Perfluorohexane Sulfonate (PFHxS)		ug/L	81	42	63	73
Perfluorohexanoic Acid (PFHxA)		ug/L	830	430	87	97
Perfluoro-n-Octanoic Acid (PFOA)		ug/L	64	43	37	35
Perfluorononanoic Acid (PFNA)		ug/L	<8.0	7.7	<10	<10
Perfluorooctane Sulfonamide (PFOSA)		ug/L	<8.0	<0.80	<10	<10
Perfluorooctane Sulfonate (PFOS)		ug/L	<b>380</b>	<b>970</b>	<b>1900</b>	<b>1800</b>
Perfluoropentanoic Acid (PFPeA)		ug/L	150	75	23	25
Perfluorotetradecanoic Acid (PFTeDA)		ug/L	<8.0	<0.80	--	--
Perfluorotridecanoic Acid (PFTriDA)		ug/L	<8.0	<0.80	--	--
Perfluoroundecanoic Acid (PFUnA)		ug/L	<8.0	<0.80	<10	<10
Perfluoropentanesulfonic acid		ug/L	--	--	--	--
Perfluoronananesulfonic acid		ug/L	--	--	--	--
EtFOSA		ug/L	<8.0	--	--	--
MeFOSA		ug/L	<8.0	--	--	--
EtFOSE		ug/L	<8.0	--	--	--
MeFOSE		ug/L	<8.0	--	--	--
EtFOSAA		ug/L	<8.0	--	--	--
MeFOSAA		ug/L	<8.0	--	--	--
<b>General Chemistry</b>						
Temperature (Field)		deg c	--	--	25.98	--
pH (Field)		-	--	--	<b>9.71</b>	--
Conductivity (Field)		uS/cm	--	--	2268	--
Dissolved Oxygen (Field)		ug/l	--	--	--	--
Oxidation-Reduction Potential (Field)		millivolts	--	--	--	--
Hardness, Calcium Carbonate		mg/l	--	--	--	--
Hardness, Calcium Carbonate, dissolved		mg/l	--	--	33	33

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<b>Metals</b>					
Aluminum	ug/l	--	--	<b>190</b>	100
Antimony	ug/l	--	--	<0.60	<0.60
Arsenic	ug/l	--	--	<b>9.9</b>	<b>9.4</b>
Barium	ug/l	--	--	<50	<50
Beryllium	ug/l	--	--	<1.0	<1.0
Bismuth	ug/l	--	--	--	--
Boron	ug/l	--	--	<100	<100
Cadmium	ug/l	--	--	0.061	0.039
Calcium	ug/l	--	--	7400	7200
Chromium	ug/l	--	--	<b>1.5</b>	<1.0
Cobalt	ug/l	--	--	0.67	0.67
Copper	ug/l	--	--	<b>9.9</b>	<b>6.4</b>
Iron	ug/l	--	--	<b>1300</b>	<b>1000</b>
Lead	ug/l	--	--	2	0.65
Lithium	ug/l	--	--	<100	<100
Magnesium	ug/l	--	--	5200	5000
Manganese	ug/l	--	--	290	260
Molybdenum	ug/l	--	--	22	22
Nickel	ug/l	--	--	2.9	2.8
Potassium	ug/l	--	--	710000	710000
Selenium	ug/l	--	--	0.3	0.28
Silicon	ug/l	--	--	5400	5200
Silver	ug/l	--	--	<0.10	<0.10
Sodium	ug/l	--	--	11000	11000
Strontium	ug/l	--	--	280	280
Sulfur	ug/l	--	--	6100	5900
Thallium	ug/l	--	--	<0.20	<0.20
Tin	ug/l	--	--	<1.0	<1.0
Titanium	ug/l	--	--	9	4.4
Uranium	ug/l	--	--	0.47	0.47
Vanadium	ug/l	--	--	3	2.8
Zinc	ug/l	--	--	26	7.4
Zirconium	ug/l	--	--	--	--
<b>BTEX</b>					
Benzene	ug/l	--	--	<0.20	<0.20
Ethylbenzene	ug/l	--	--	<0.20	<0.20
m,p-Xylenes	ug/l	--	--	0.49	0.46
o-Xylene	ug/l	--	--	<0.20	<0.20
Toluene	ug/l	--	--	0.21	<0.20
Xylenes, Total	ug/l	--	--	0.49	0.46
PHC - F1 (C6-C10)	ug/L	--	--	91	92
PHC - F1 (C6-C10) - BTEX	ug/L	--	--	91	92
PHC - F2 (C10-C16)	ug/l	--	--	2000	780
PHC - F3 (C16-C34)	ug/l	--	--	340	340
PHC - F4 (C34-C50)	ug/l	--	--	<200	<200
Reached Baseline at C50	ug/l	--	--	Yes	Yes

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<b>PAHs</b>					
1-Methylnaphthalene	ug/l	--	--	0.024	<0.010
2-Methylnaphthalene	ug/l	--	--	0.052	<0.050 <sup>(5)</sup>
Acenaphthene	ug/l	--	--	0.022	0.019
Acenaphthylene	ug/l	--	--	0.027	<0.050 <sup>(5)</sup>
Anthracene	ug/l	--	--	<b>0.061</b>	<b>0.046</b>
Benzo [b,j] fluoranthene	ug/l	--	--	0.053	0.038
Benzo[a]anthracene	ug/l	--	--	0.017	<0.010
Benzo[a]pyrene	ug/l	--	--	<0.010	<0.010
Benzo[g,h,i]perylene	ug/l	--	--	<u>0.014</u>	<0.010
Benzo[k]fluoranthene	ug/l	--	--	<u>0.01</u>	<0.010
Chrysene	ug/l	--	--	<u>0.049</u>	<u>0.038</u>
Dibenzo[a,h]anthracene	ug/l	--	--	<0.010	<0.010
Fluoranthene	ug/l	--	--	<b>0.34</b>	<b>0.28</b>
Fluorene	ug/l	--	--	0.15	0.13
Indeno[1,2,3-cd]pyrene	ug/l	--	--	0.024	0.014
Naphthalene	ug/l	--	--	<0.050 <sup>(5)</sup>	<0.050 <sup>(5)</sup>
Phenanthrene	ug/l	--	--	<b>0.53</b>	<b>0.47</b>
Pyrene	ug/l	--	--	<b>0.24</b>	<b>0.16</b>