

**Soil Sampling Results
Florida Plant Cooler Release
Simcoe LLC**

Parameter	SS01 3/27/2024 North Wet Area	SS02 3/27/2024 South Wet Area	BG01 4/2/2024 South of Site	BG02 8/17/2023 East of Site	BG03 8/17/2023 West of Site	ECMC Table 915-1 Standard	Units
Depth	0-12	0-12	0-6	0-6	0-6	NA	inches bgs
PID	0.1	0.2	-	-	-	NA	ppm
Conductivity	0.875	1.200	-	-	-	<4	mmhos/cm
pH	7.73	8.10	-	-	-	6-8.3	pH units
SAR	0.95	1.21	-	-	-	<6	NA
Calcium	91.9	102	-	-	-	NA	mg/L
Magnesium	20.0	21.5	-	-	-	NA	mg/L
Sodium	38.4	51.5	-	-	-	NA	mg/L
Arsenic	3.73	4.11	3.59	3.93	4.68	0.68 or 1.25x BG	mg/kg
Barium	206	194	-	-	-	15,000 or 1.25x BG	mg/kg
Cadmium	<5.00	<5.00	-	-	-	71 or 1.25x BG	mg/kg
Chromium (VI)	<0.250	<0.250	-	-	-	0.3 or 1.25x BG	mg/kg
Copper	24.2	29.2	-	-	-	3,100 or 1.25x BG	mg/kg
Lead	<10.0	10.4	-	-	-	400 or 1.25x BG	mg/kg
Nickel	11.1	9.42	-	-	-	1,500 or 1.25x BG	mg/kg
Selenium	<20.0	<20.0	-	-	-	390 or 1.25x BG	mg/kg
Silver	<1.00	<1.00	-	-	-	390 or 1.25x BG	mg/kg
Zinc	38.8	39.2	-	-	-	23,000 or 1.25x BG	mg/kg
Boron	<1.20	<1.20	-	-	-	2	mg/L
TPH (GRO)	<10.0	<10.0	-	-	-	NA	mg/kg
TPH (DRO)	<10.0	<10.0	-	-	-	NA	mg/kg
TPH (EXT DRO)	<10.0	<10.0	-	-	-	NA	mg/kg
Total TPH	<30.0	<30.0	-	-	-	500	mg/kg
Benzene	<0.0250	<0.0250	-	-	-	1.2	mg/kg
Toluene	<0.0250	<0.0250	-	-	-	490	mg/kg
Ethylbenzene	<0.0250	<0.0250	-	-	-	5.8	mg/kg
Total Xylenes	<0.0750	<0.0750	-	-	-	58	mg/kg
Naphthalene	<0.015	<0.015	-	-	-	2	mg/kg
2-methylnaphthalene	<0.023	<0.023	-	-	-	24	mg/kg
1-methylnaphthalene	<0.016	<0.016	-	-	-	18	mg/kg
Acenaphthene	<0.024	<0.024	-	-	-	360	mg/kg
Fluorene	<0.014	<0.014	-	-	-	240	mg/kg
Anthracene	<0.017	<0.017	-	-	-	1,800	mg/kg
Fluoranthene	<0.019	<0.019	-	-	-	240	mg/kg
Pyrene	<0.013	<0.013	-	-	-	180	mg/kg
Benzo(a)anthracene	<0.023	<0.023	-	-	-	1.1	mg/kg
Chrysene	<0.017	<0.017	-	-	-	110	mg/kg
Benzo(b)fluoranthene	<0.019	<0.019	-	-	-	1.1	mg/kg
Benzo(k)fluoranthene	<0.016	<0.016	-	-	-	11	mg/kg
Benzo(a)pyrene	<0.018	<0.018	-	-	-	0.11	mg/kg
Indeno(1,2,3-cd)pyrene	<0.017	<0.017	-	-	-	1.1	mg/kg
Dibenz(a,h)anthracene	<0.019	<0.019	-	-	-	0.11	mg/kg

Notes:

PID - Photoionization Detector
SAR - Sodium Adsorption Ratio
TPH - Total Petroleum Hydrocarbons
GRO - Gasoline Range Organics
DRO - Diesel Range Organics
EXT - Extended
"-" - No data
NA - Not Applicable
BG - Background

bgs - below ground surface
ppm - parts per million
mmhos/cm - millihos per centimeter
mg/L - milligrams per liter
mg/kg - milligrams per kilogram
ECMC - Colorado Energy & Carbon Management Commission
Bold values exceed ECMC Standard