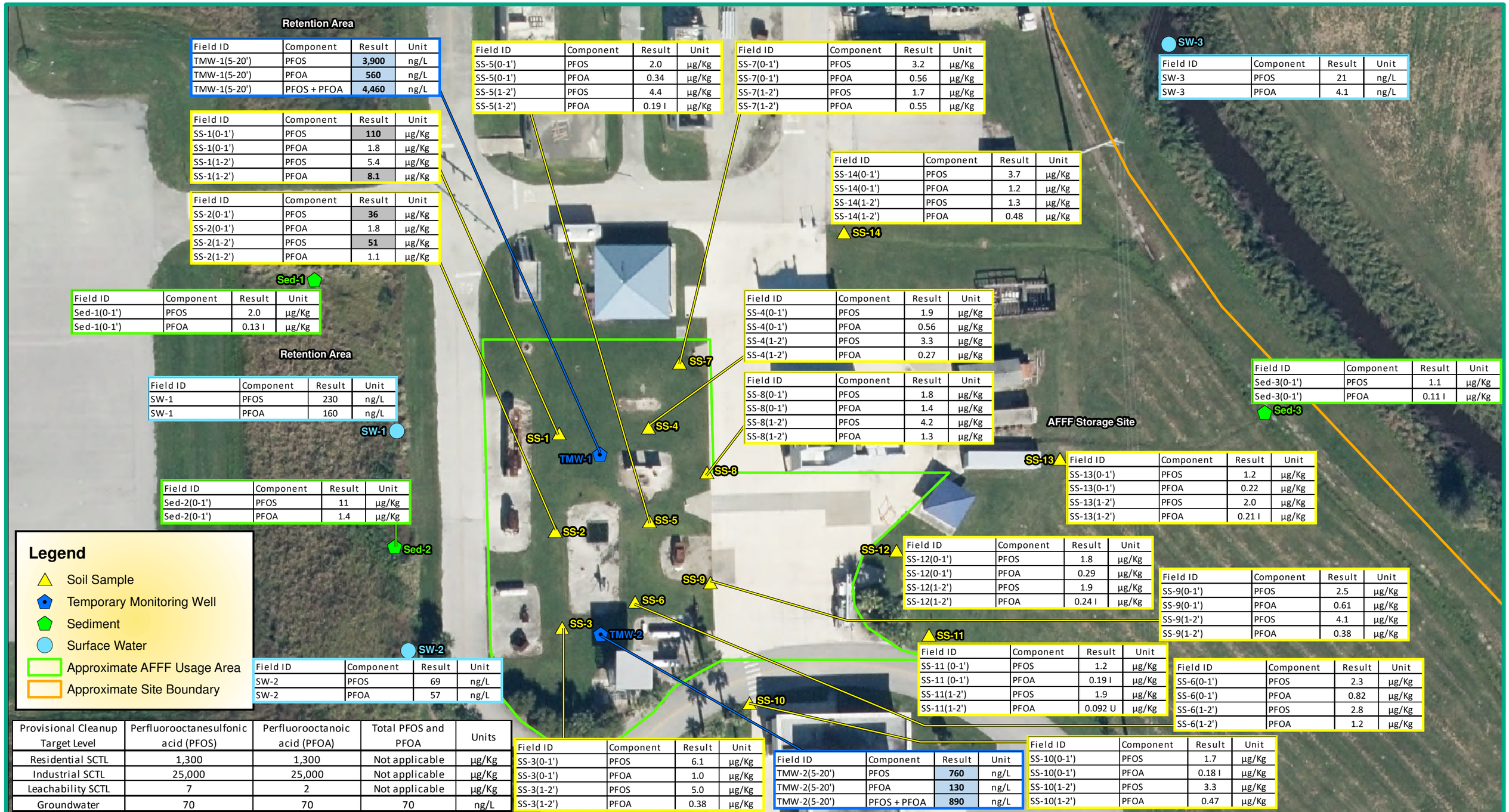

Field ID	Component	Result	Unit
TMW-1(5-20')	PFOS	**3,900**	ng/L
TMW-1(5-20')	PFOA	**560**	ng/L
TMW-1(5-20')	PFOS + PFOA	**4,460**	ng/L

Field ID	Component	Result	Unit
SS-1(0-1')	PFOS	**110**	µg/Kg
SS-1(0-1')	PFOA	1.8	µg/Kg
SS-1(1-2')	PFOS	5.4	µg/Kg
SS-1(1-2')	PFOA	**8.1**	µg/Kg

Field ID	Component	Result	Unit
SS-2(0-1')	PFOS	**36**	µg/Kg
SS-2(0-1')	PFOA	1.8	µg/Kg
SS-2(1-2')	PFOS	**51**	µg/Kg
SS-2(1-2')	PFOA	1.1	µg/Kg

Field ID	Component	Result	Unit
Sed-1(0-1')	PFOS	2.0	µg/Kg
Sed-1(0-1')	PFOA	0.13 I	µg/Kg

Field ID	Component	Result	Unit
SW-1	PFOS	230	ng/L
SW-1	PFOA	160	ng/L

Field ID	Component	Result	Unit
Sed-2(0-1')	PFOS	11	µg/Kg
Sed-2(0-1')	PFOA	1.4	µg/Kg

Field ID	Component	Result	Unit
SW-2	PFOS	69	ng/L
SW-2	PFOA	57	ng/L

Field ID	Component	Result	Unit
SS-5(0-1')	PFOS	2.0	µg/Kg
SS-5(0-1')	PFOA	0.34	µg/Kg
SS-5(1-2')	PFOS	4.4	µg/Kg
SS-5(1-2')	PFOA	0.19 I	µg/Kg

Field ID	Component	Result	Unit
SS-7(0-1')	PFOS	3.2	µg/Kg
SS-7(0-1')	PFOA	0.56	µg/Kg
SS-7(1-2')	PFOS	1.7	µg/Kg
SS-7(1-2')	PFOA	0.55	µg/Kg

Field ID	Component	Result	Unit
SW-3	PFOS	21	ng/L
SW-3	PFOA	4.1	ng/L

Field ID	Component	Result	Unit
SS-14(0-1')	PFOS	3.7	µg/Kg
SS-14(0-1')	PFOA	1.2	µg/Kg
SS-14(1-2')	PFOS	1.3	µg/Kg
SS-14(1-2')	PFOA	0.48	µg/Kg

Field ID	Component	Result	Unit
SS-4(0-1')	PFOS	1.9	µg/Kg
SS-4(0-1')	PFOA	0.56	µg/Kg
SS-4(1-2')	PFOS	3.3	µg/Kg
SS-4(1-2')	PFOA	0.27	µg/Kg

Field ID	Component	Result	Unit
SS-8(0-1')	PFOS	1.8	µg/Kg
SS-8(0-1')	PFOA	1.4	µg/Kg
SS-8(1-2')	PFOS	4.2	µg/Kg
SS-8(1-2')	PFOA	1.3	µg/Kg

Field ID	Component	Result	Unit
Sed-3(0-1')	PFOS	1.1	µg/Kg
Sed-3(0-1')	PFOA	0.11 I	µg/Kg

Field ID	Component	Result	Unit
SS-13(0-1')	PFOS	1.2	µg/Kg
SS-13(0-1')	PFOA	0.22	µg/Kg
SS-13(1-2')	PFOS	2.0	µg/Kg
SS-13(1-2')	PFOA	0.21 I	µg/Kg

Field ID	Component	Result	Unit
SS-12(0-1')	PFOS	1.8	µg/Kg
SS-12(0-1')	PFOA	0.29	µg/Kg
SS-12(1-2')	PFOS	1.9	µg/Kg
SS-12(1-2')	PFOA	0.24 I	µg/Kg

Field ID	Component	Result	Unit
SS-9(0-1')	PFOS	2.5	µg/Kg
SS-9(0-1')	PFOA	0.61	µg/Kg
SS-9(1-2')	PFOS	4.1	µg/Kg
SS-9(1-2')	PFOA	0.38	µg/Kg

Field ID	Component	Result	Unit
SS-11 (0-1')	PFOS	1.2	µg/Kg
SS-11 (0-1')	PFOA	0.19 I	µg/Kg
SS-11(1-2')	PFOS	1.9	µg/Kg
SS-11(1-2')	PFOA	0.092 U	µg/Kg

Field ID	Component	Result	Unit
SS-6(0-1')	PFOS	2.3	µg/Kg
SS-6(0-1')	PFOA	0.82	µg/Kg
SS-6(1-2')	PFOS	2.8	µg/Kg
SS-6(1-2')	PFOA	1.2	µg/Kg

Field ID	Component	Result	Unit
SS-3(0-1')	PFOS	6.1	µg/Kg
SS-3(0-1')	PFOA	1.0	µg/Kg
SS-3(1-2')	PFOS	5.0	µg/Kg
SS-3(1-2')	PFOA	0.38	µg/Kg

Field ID	Component	Result	Unit
TMW-2(5-20')	PFOS	**760**	ng/L
TMW-2(5-20')	PFOA	**130**	ng/L
TMW-2(5-20')	PFOS + PFOA	**890**	ng/L

Field ID	Component	Result	Unit
SS-10(0-1')	PFOS	1.7	µg/Kg
SS-10(0-1')	PFOA	0.18 I	µg/Kg
SS-10(1-2')	PFOS	3.3	µg/Kg
SS-10(1-2')	PFOA	0.47	µg/Kg

Provisional Cleanup Target Level	Perfluorooctanesulfonic acid (PFOS)	Perfluorooctanoic acid (PFOA)	Total PFOS and PFOA	Units
Residential SCTL	1,300	1,300	Not applicable	µg/Kg
Industrial SCTL	25,000	25,000	Not applicable	µg/Kg
Leachability SCTL	7	2	Not applicable	µg/Kg
Groundwater	70	70	70	ng/L

Figure 1
Sample Locations with PFOA and PFOS Analytical Results
Indian River State College
4600 Kirby Loop Road
Fort Pierce, St. Lucie County, Florida

Notes:
1. AFFF indicates aqueous film forming foam.
2. µg/Kg indicates micrograms per kilogram.
3. ng/L indicates nanograms per liter.
4. Sample depth is presented in feet below land surface.
5. Grey shaded, bold text indicates an exceedance of the Florida Department of Environmental Protection (FDEP) Provisional Leachability Soil Cleanup Target Level (SCTL).
6. Blue shaded, bold text indicates an exceedance of the FDEP Provisional Groundwater Cleanup Target Level.
7. Approximate site boundary obtained from Florida Department of Revenue GIS and Cadastral Mapping website on 14 May 2019 (St. Lucie County 2018 data).
8. Source of 2017 aerial: Florida Department of Transportation Aerial Photo Look Up System website.
9. Surface water screening levels are under development.
10. PFOA indicates perfluorooctanoate.
11. PFOS indicates perfluorooctane sulfonate.

I indicates result is between the laboratory method detection limit and the laboratory practical quantitation limt.
U indicates material was analyzed for but not detected. The reported value is the method detection limit for the sample analyzed.

Date: July 17, 2019

N

50 Feet

Path: (Titusville-01\DATA) T:\0GIS\FR3598_IRSC_FTF\MXDs\201707_Data_submittal\IRSC_AnalyticalResults_20190717.mxd 17 July 2019 MAH