

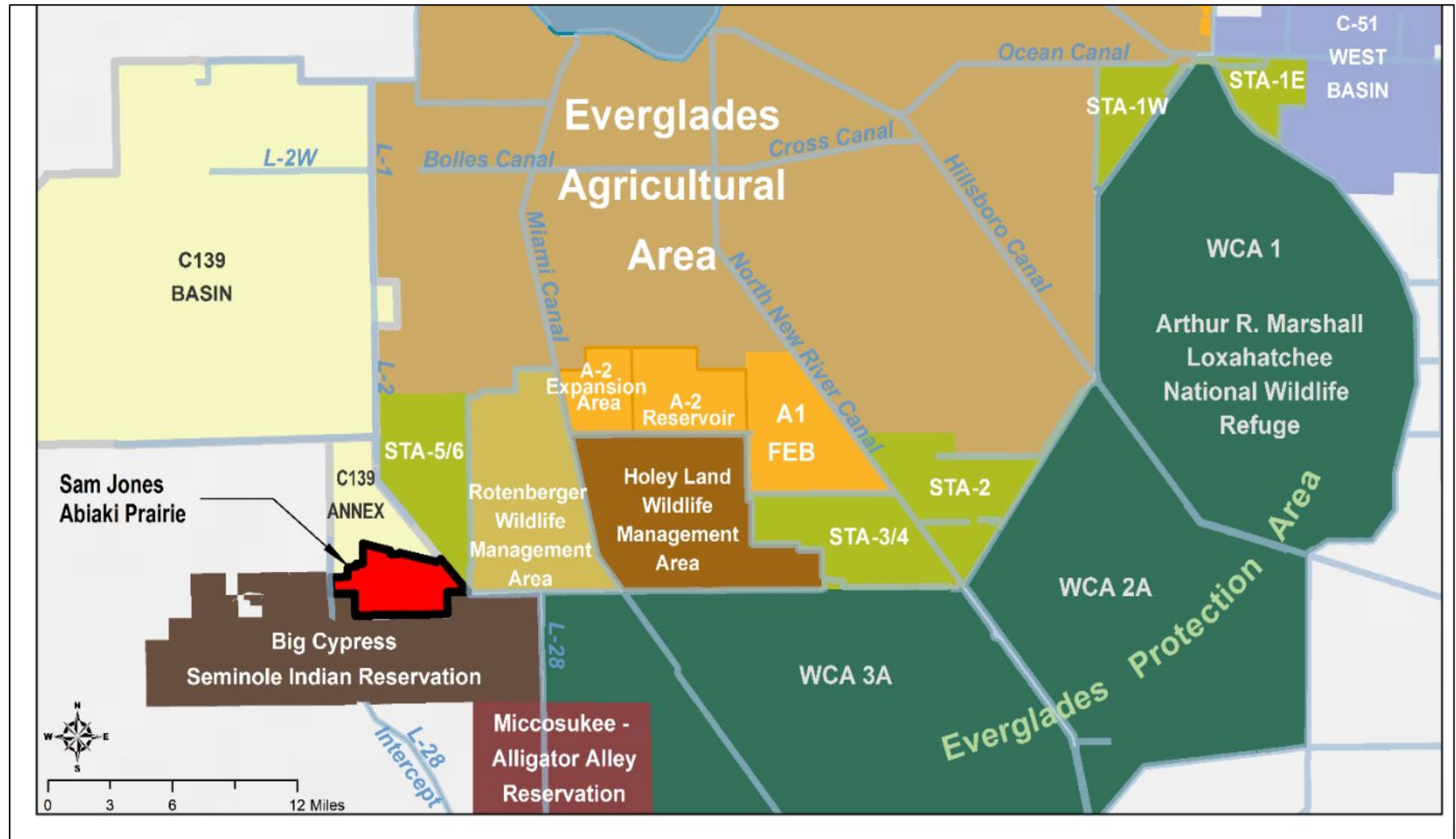


ABIAKI PRAIRIE PROJECT 2020 MONITORING REPORT SUMMARY

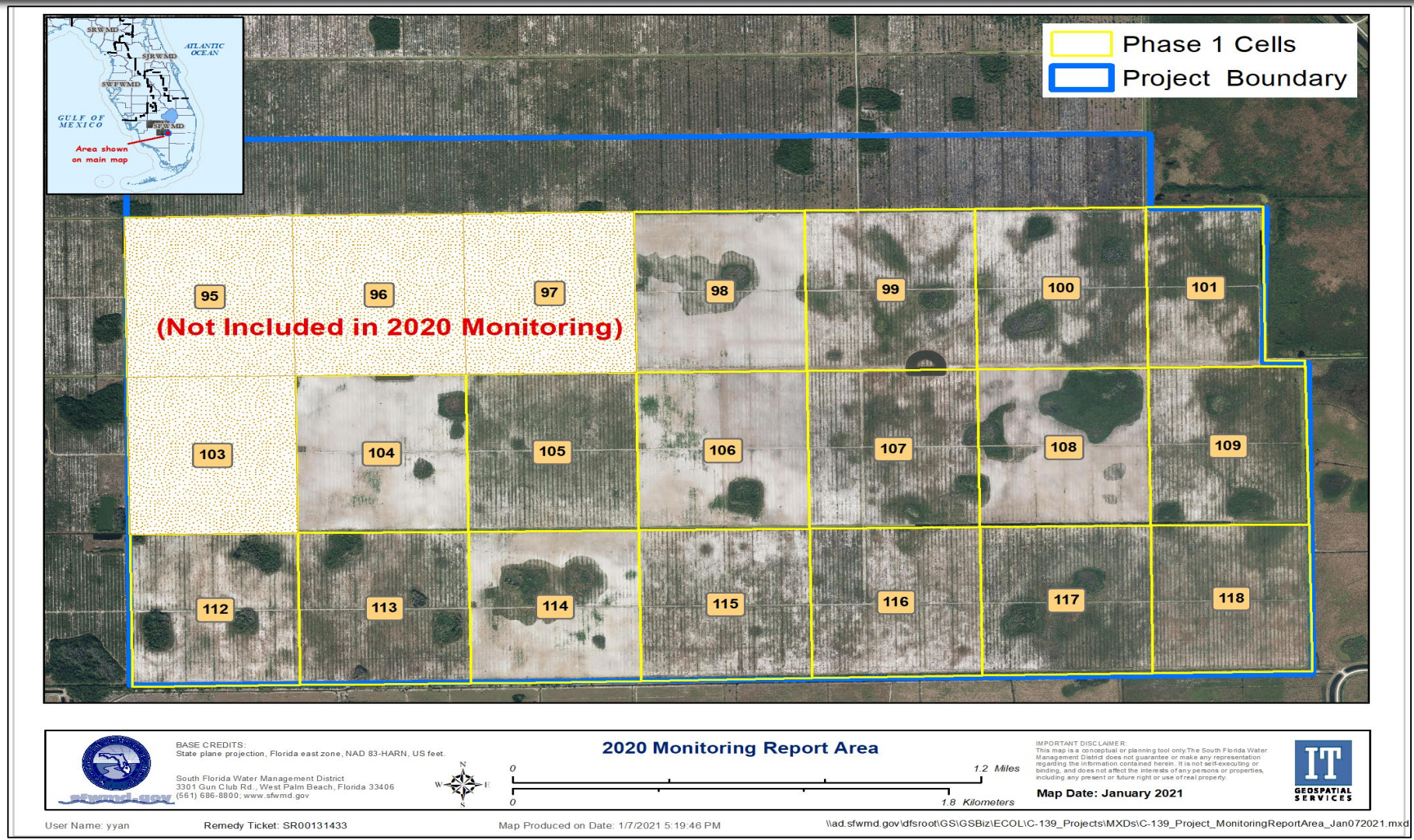
August 19, 2021

Robert Hopper
South Florida Water Management District

Location Map



2020 Monitoring Area





2020 Monitoring - Wildlife

2020 Monitoring - Wildlife

WILDLIFE SUCCESS

Field data indicates Wildlife - Level 1 success has been met for all criteria:

- Evidence of appropriate wildlife usage present.
- Evidence of native species of fish (1 species required).
- Evidence of native species of amphibian/reptiles (1 species required).
- Evidence of native species of avifauna (5 species required).
- Evidence of native species of mammals (1 species required).



2020 Monitoring - Wildlife



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2020 Monitoring - Hydrology

2020 Monitoring - Hydrology

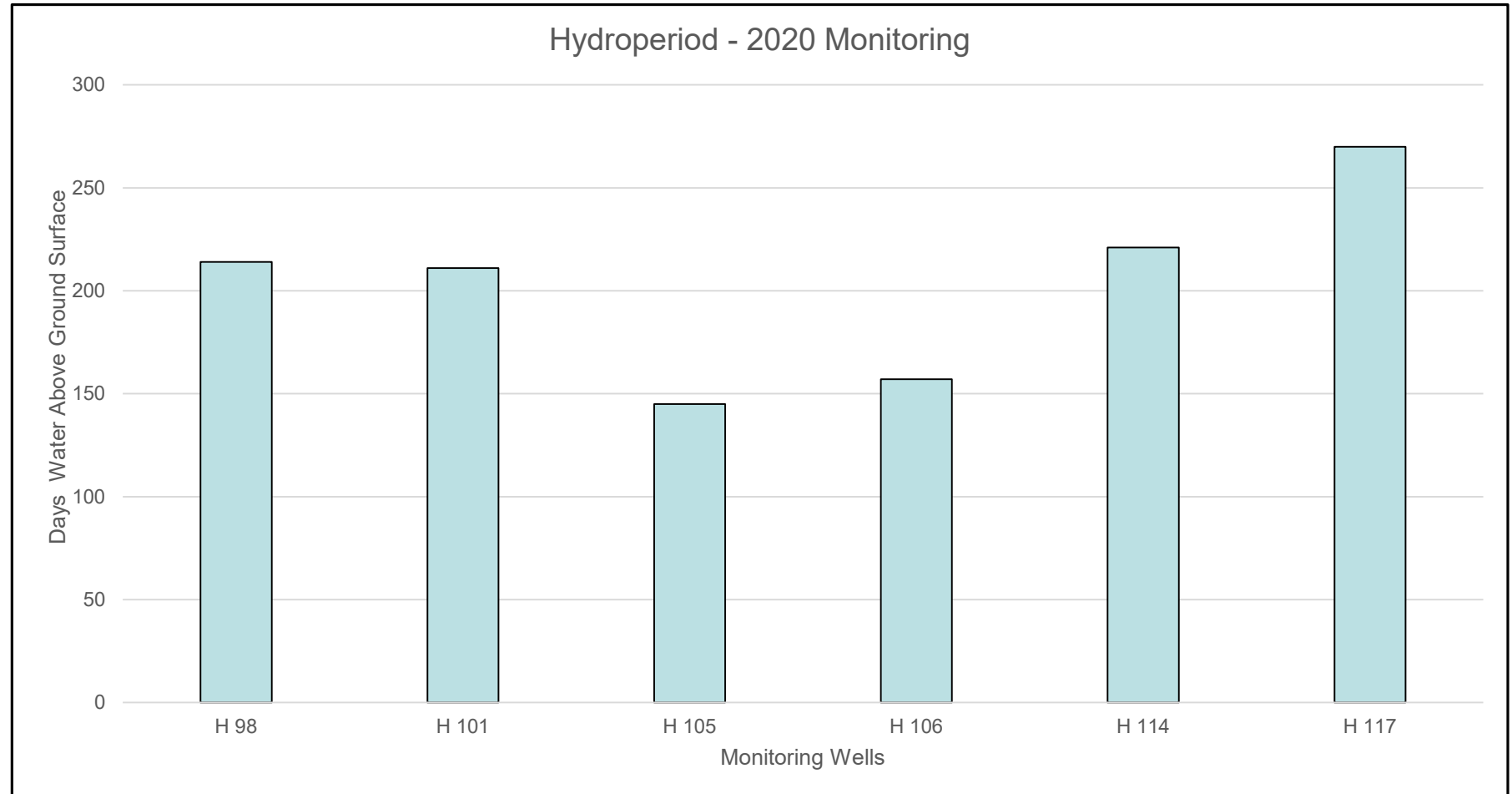
HYDROLOGIC SUCCESS

Field data indicates Hydrology - Level 1 success has been met for all criteria:

- Increase in water depth, duration, and sheet flow in former agricultural areas.
- Expansion of existing wetland boundaries and remnant wetland flow ways.
- Plants appear healthy with little hydrologic stress.



2020 Monitoring - Hydrology



Summary of 2020 Monitoring Well Hydroperiods



2020 Monitoring - Vegetation

2020 Monitoring - Vegetation

VEGETATION SUCCESS

Field data indicates Vegetation - Level 1 success has been met for all criteria:

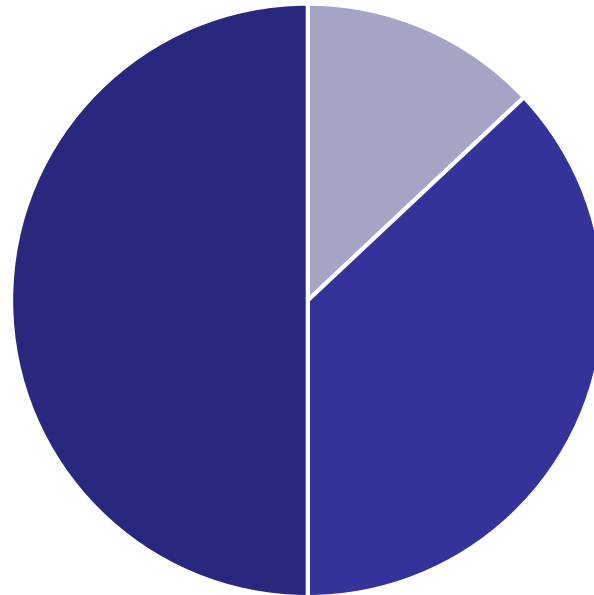
- Minimum 40% coverage of obligate/facultative wet/facultative vegetation.
- Minimum 40% coverage by native vegetation.
- Below 60% coverage of nuisance/exotic vegetation.



2020 Monitoring - Vegetation

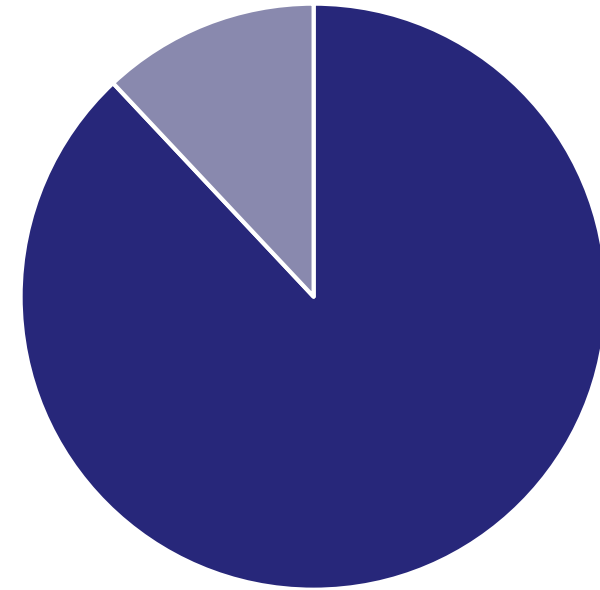


MONITORING TRANSECTS
% NATIVE VEGETATION COVER



■ 13% Exotic ■ 37% Open Ground ■ 50% Desirable Species

MONITORING TRANSECTS
% WETLAND SPECIES



■ 88% FAC/FACW/OBL ■ 12% Other

2020 Monitoring Transects: Native Vegetation Cover and Wetland Species Status



Functional Units

Functional Units

Activity	Benchmark/Percent of FU's	Record Permit	Partial Phase I
Legal/Financial	Record Permit	5% Released 7/2020 215.17	
Construction: Level 1	Clear Citrus Groves	10%	Requested 7/2021 147.57
Construction: Level 2	Level Beds	15%	Requested 7/2021 221.37
Construction: Level 3	Backbone Infrastructure	25%	N/A
Biological: Level 1	Restoration Planting	20%	Requested 7/2021 295.15
Biological: Level 2	Ongoing Restoration Activities	15%	N/A
Biological: Level 3	Final Permit Compliance	10%	N/A
TOTAL		215.17	664.09

Functional Unit Release Request