

Wetland Assessment Procedure

P. 1

DID:	Wellfield/Property: Portfolio	Wetland Name	Wetland Type
<input type="text"/>	<input type="text" value="MORRIS BRIDGE"/>	<input type="text" value="Morris Bridge South Cypress Marsh"/>	<input type="text" value="Cypress Marsh Isolated"/>
Wetland ID: <input type="text" value="262"/>	Site ID: <input type="text" value="776398"/>	Data Owner: <input type="text" value="SWFWMD"/>	Personnel's Employer: <input type="text"/>
Date: <input type="text" value="5/25/2021"/>		Start Time: <input type="text" value="10:30"/>	End Time: <input type="text" value="11:52"/>
Transect: <input type="text"/>			

Photo Documentation

Water Level Information

Frame	Description	Photo Point Desc	Direction

Dry? <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Elevation (ft): <input type="text"/>	Device Type: <input type="text" value="Staff guage"/>	Well/Gauge ID: <input type="text" value="19146"/>

Please enter Yes (Y), No (N), or Not Sure (NS) for the following questions and provide comments/explanations.

Wetland Impacts

- Wetland edges filled or disturbed?
- Excessive dumping or trash in wetland?
- Hog disturbance?
- Significant impact from cattle (trampling)?
- Vehicles through wetland (including bicycles)?
- Insect damage?
- Disease?

Wetland Drainage

- Augmentation equipment in place?
- Augmentation occurring at time of WAP?
- Clear evidence of direct stormwater inflow?
- Clear evidence of direct drainage from wetland?
- Other drainage activities in area?
- Borrow pit/retention pond in wetland vicinity?

Wetland Impact Comment(s)

Minor hog rooting in TZ

Wetland Drainage Comment(s)

Fire

Signs of Fire? Yes No

Fire Comment (year, expanse, intensity)

Lakes/Docks

- Docks completely out of water
- Docks touching water or with < 50% of dock over water
- Docks > 50% out of water
- N/A
- Is the littoral zone stranded? Yes No

Lakes/Docks Comments:

Soil Subsidence

New signs of oxidation/subsidence: Yes No

Soil Subsidence Comment:

No new subsidence observed

General Comments/Observations:

Abnormally dry conditions in Spring 2021

Future users of these data may not want to analyze/compare these data with other wetlands due to the extensive level of:

- Non-grounded water withdraw related disturbance
- Soil subsidence

Wildlife

Species Count	Common Name	Evidence Description	Comment

Wetland Assessment Procedure

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Wellfield/Property: Portfolio

Wetland Name

Wetland Type

MORRIS BRIDGE

Morris Bridge South Cypress Marsh3

Cypress Marsh Isolated

Wetland ID:

Prev Yr. Assessment Area Width

Zone Assessment Notes

Transect

262

5M on each side of transect

Trees (2021 data included when available)

For each zone assessed, please document the following: species abbreviation, WAP zone (ZONE) (U, AD, T, OD, or D), percent cover (%) (5% or 10% - 100% in increments of 10%), count (#) (1 - >50), and distribution (DIST) (E=edge, B=beyond a few feet, or T=throughout).

Transition Zone Trees

Outer Deep Zone Trees

Deep Zone Trees

Check if no trees 2021 Current

Check if no trees 2021 Current

Check if no trees 2021 Current

2021 **Current**

2021 **Current**

2021 **Current**

Species	Z	%	#	D	%	#	D
Pinus elliotii	AD	5	3	T			

Species	Z	%	#	D	%	#	D
Quercus laurifolia	T	20	1	B			
Taxodium ascendens	D	10	6	T			
Pinus elliotii	AD	5	3	T			

Species	Z	%	#	D	%	#	D
Taxodium ascendens	D	40	>50	T			
Pinus elliotii	AD	5	3	B			

Tree Comments:

Zonation Score

Please assign a score of 1-5 or 0 (for N/A) and provide an explanation

Zonation Score Explanation:

Stress

Signs of stress of appropriate trees (do not include dead species)

2021 Data:

- Little or None
- Noticeable
- Significant
- Not Applicable

Small amounts of browning observed on Taxodium near wetland center.

Signs of stress of inappropriate trees (include dead species)

2021 Data:

- Little or None
- Noticeable
- Significant
- Not Applicable

None observed

Dead/leaning trees (include standing dead trees and dead trees on ground that are appropriate)

2021 Data:

- Little or None
- Noticeable
- Significant
- Not Applicable

None observed

Recovery

Signs of tree recovery

2021 Data:

- Yes
- No
- Not Sure
- Not Applicable

No seedlings observed in transect

Inappropriate vine death suggesting recovery

2021 Data:

- Yes
- No
- Not Sure
- Not Applicable

Smilax observed sprouting

Wetland Assessment Procedure

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DID: Wellfield/Property: Portfolio Wetland Name Wetland Type

MORRIS BRIDGE Morris Bridge Entry Dome Cypress Isolated

Wetland ID: Site ID: Data Owner: Personnel's Employer: Date: Start Time: End Time: Transect

264 776400 SWFWMD 5/19/2021 13:05 13:50

Photo Documentation

Water Level Information

Frame	Description	Photo Point Desc	Direction

Dry? Yes No

Elevation (ft): Device Type: Well/Gauge ID:

Staff guage 19439

Please enter Yes (Y), No (N), or Not Sure (NS) for the following questions and provide comments/explanations.

Wetland Impacts

- Wetland edges filled or disturbed? N
- Excessive dumping or trash in wetland? N
- Hog disturbance? Y
- Significant impact from cattle (trampling)? N
- Vehicles through wetland (including bicycles)? N
- Insect damage? N
- Disease? N

Wetland Drainage

- Augmentation equipment in place? N
- Augmentation occurring at time of WAP? N
- Clear evidence of direct stormwater inflow? N
- Clear evidence of direct drainage from wetland? N
- Other drainage activities in area? N
- Borrow pit/retention pond in wetland vicinity? Y

Wetland Impact Comment(s)

Minor hog rooting along wetland edge

Wetland Drainage Comment(s)

Weir and Stormwater pond near parking lot

Fire

Signs of Fire? Yes No

Fire Comment (year, expanse, intensity)

None observed

Lakes/Docks

- Docks completely out of water
- Docks touching water or with < 50% of dock over water
- Docks > 50% out of water
- N/A
- Is the littoral zone stranded? Yes No

Lakes/Docks Comments:

Soil Subsidence

New signs of oxidation/subsidence: Yes No

Soil Subsidence Comment:

No new signs observed

General Comments/Observations:

Abnormally dry conditions in Spring 2021

Future users of these data may not want to analyze/compare these data with other wetlands due to the extensive level of:

- Non-grounded water withdraw related disturbance
- Soil subsidence

Wildlife

Species Count	Common Name	Evidence Description	Comment

Wetland Assessment Procedure

P. 4

Wellfield/Property: Portfolio

Wetland Name

Wetland Type

MORRIS BRIDGE

Morris Bridge Entry Dome

Cypress Isolated

Wetland ID:

Prev Yr. Assessment Area Width

Zone Assessment Notes

Transect

264

5M on each side of transect

Trees (2021 data included when available)

For each zone assessed, please document the following: species abbreviation, WAP zone (ZONE) (U, AD, T, OD, or D), percent cover (%) (5% or 10% - 100% in increments of 10%), count (#) (1 - >50), and distribution (DIST) (E=edge, B=beyond a few feet, or T=throughout).

Transition Zone Trees

Outer Deep Zone Trees

Deep Zone Trees

Check if no trees 2021 Current

Check if no trees 2021 Current

Check if no trees 2021 Current

2021

Current

2021

Current

2021

Current

Species	Z	%	#	D	%	#	D
Nyssa sylvatica var. biflora	D	5	1	T			

Species	Z	%	#	D	%	#	D
Taxodium ascendens	D	30	10	T			
Nyssa sylvatica var. biflora	D	20	2	T			

Species	Z	%	#	D	%	#	D
Taxodium ascendens	D	30	18	T			
Nyssa sylvatica var. biflora	D	10	1	T			
Quercus laurifolia	T	10	1	B			

Tree Comments:

Zonation Score

Please assign a score of 1-5 or 0 (for N/A) and provide an explanation

Zonation Score Explanation:

Stress

Signs of stress of appropriate trees (do not include dead species)

2021 Data:

- Little or None
- Noticeable
- Significant
- Not Applicable

None observed

Signs of stress of inappropriate trees (include dead species)

2021 Data:

- Little or None
- Noticeable
- Significant
- Not Applicable

None observed

Dead/leaning trees (include standing dead trees and dead trees on ground that are appropriate).

2021 Data:

- Little or None
- Noticeable
- Significant
- Not Applicable

One standing dead TA

Recovery

Signs of tree recovery

2021 Data:

- Yes
- No
- Not Sure
- Not Applicable

No seedlings observed, some saplings

Inappropriate vine death suggesting recovery

2021 Data:

- Yes
- No
- Not Sure
- Not Applicable

Smilax and TOXRAD throughout

Wetland Assessment Procedure

P. 1

DID:	Wellfield/Property: Portfolio	Wetland Name	Wetland Type
	MORRIS BRIDGE	Morris Bridge X-3	Marsh Isolated
Wetland ID:	Site ID:	Data Owner:	Personnel's Employer:
296	776416	SWFWMD	
			Date:
			5/19/2021
			Start Time:
			14:00
			End Time:
			14:45
			Transect

Photo Documentation

Water Level Information

Frame	Description	Photo Point Desc	Direction

Dry?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Elevation (ft):	Device Type:	Well/Gauge ID:
	Staff guage	19151

Please enter Yes (Y), No (N), or Not Sure (NS) for the following questions and provide comments/explanations.

Wetland Impacts

- Wetland edges filled or disturbed? N
- Excessive dumping or trash in wetland? N
- Hog disturbance? N
- Significant impact from cattle (trampling)? N
- Vehicles through wetland (including bicycles)? N
- Insect damage? N
- Disease? N

Wetland Drainage

- Augmentation equipment in place? N
- Augmentation occurring at time of WAP? N
- Clear evidence of direct stormwater inflow? N
- Clear evidence of direct drainage from wetland? N
- Other drainage activities in area? N
- Borrow pit/retention pond in wetland vicinity? N

Wetland Impact Comment(s)

Wetland Drainage Comment(s)

Fire

Signs of Fire? Yes No

Fire Comment (year, expanse, intensity)

None recent

Soil Subsidence

New signs of oxidation/subsidence: Yes No

Soil Subsidence Comment:

No new signs observed

Lakes/Docks

- Docks completely out of water
- Docks touching water or with < 50% of dock over water
- Docks > 50% out of water
- N/A
- Is the littoral zone stranded? Yes No

Lakes/Docks Comments:

General Comments/Observations:

Abnormally dry conditions in Spring 2021

Future users of these data may not want to analyze/compare these data with other wetlands due to the extensive level of:

- Non-grounded water withdraw related disturbance
- Soil subsidence

Wildlife

Species Count	Common Name	Evidence Description	Comment

Wetland Assessment Procedure

Wellfield/Property: Portfolio

Wetland Name

Wetland Type

MORRIS BRIDGE

Morris Bridge X-3

Marsh Isolated

Wetland ID:

Prev Yr. Assessment Area Width

Zone Assessment Notes

Transect

296

5M on each side of transect

Trees (2021 data included when available)

For each zone assessed, please document the following: species abbreviation, WAP zone (ZONE) (U, AD, T, OD, or D), percent cover (%) (5% or 10% - 100% in increments of 10%), count (#) (1 - >50), and distribution (DIST) (E=edge, B=beyond a few feet, or T=throughout).

Transition Zone Trees

Outer Deep Zone Trees

Deep Zone Trees

Check if no trees 2021 Current

Check if no trees 2021 Current

Check if no trees 2021 Current

2021 Current

2021 Current

2021 Current

Species	Z	%	#	D	%	#	D
Pinus elliotii	AD	30	2	B			

Species	Z	%	#	D	%	#	D

Species	Z	%	#	D	%	#	D

Tree Comments:

Zonation Score

Please assign a score of 1-5 or 0 (for N/A) and provide an explanation

Zonation Score Explanation:

Stress

Signs of stress of appropriate trees (do not include dead species)

2021 Data:

- Little or None
- Noticeable
- Significant
- Not Applicable

None observed

Signs of stress of inappropriate trees (include dead species)

2021 Data:

- Little or None
- Noticeable
- Significant
- Not Applicable

NA

Dead/leaning trees (include standing dead trees and dead trees on ground that are appropriate)

2021 Data:

- Little or None
- Noticeable
- Significant
- Not Applicable

None

Recovery

Signs of tree recovery

2021 Data:

- Yes
- No
- Not Sure
- Not Applicable

Pine seedlings in T zone

Inappropriate vine death suggesting recovery

2021 Data:

- Yes
- No
- Not Sure
- Not Applicable

NA