



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

February 2017

PAGE 1 OF 1

Data Qualified?
Yes / No

STORET Station ID: GINT0893 WBID: 2754 Latitude: 29.4861
County: Alachua RQ: 2017-09-18-20 ORG ID: 21FLA Longitude: 82.1651
Receiving Body of Water: Orange Lake Field ID: _____

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
B = VC			☒			
J PULLISH		☒		☒		

Sampling Equipment	
☒ Sample Container	☐ Van Dorn ☐ Pole
☐ Carboy	☐ Syringe
☐ Dipper	☐ Other
Equipment ID: <u>Ortho Kit #7</u>	

Collection Method	
☐ Wading	☐ Via Boat
☐ From Shore	☐ Canoe/Kayak
☐ Other (note below)	☐ Electric Motor
	☐ Gasoline Motor

Water Level: Dry / Pooled / Low / Normal / High / Flooded Matrix: Fresh / Marine / DI

Meter ID# YSI #4 Photos: Yes / No Tide Falling: Yes / No / NA

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp (C°)
EST	1230	0.3	1.3	4.3	52.7	5.86	0.03	0.4	71	25.11
CEN										

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other _____

SBIO ID Numbers: _____ SBIO-ID: _____ RPS-ID: _____ Macrophyte-ID: _____ LIMS#: _____

Parameter Suite	Parameter Methods	Preservation	Acid Lot	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☐ H2SO4			☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococcus ☐ PCR-FILTER	☐ Ice			
Tracers	☐ W-LCMS-DU ☐ W-UHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-LCMS-DU ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			

Contains 1.1 Sulfuric Acid
Lot No.: SA7183030
Expires: 06/12/18
See Safety Data Sheet (SDS)

Checker(s) Here

Notes: _____

Place Label Here (If Available)

Signature: B = VC Date: 10/5/17

Field Parameters Entered into LIMS: JP 10/16/17 Field Parameters QC in LIMS: _____
Date Migrated to STORET: _____ Field Sheets Scanned/Saved: _____

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Sample Depth (m): _____		Field ID: _____	
Time: _____		Total Depth (m): _____			
Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H ₂ SO ₄			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice	Place Preservation Sticker(s) Here (If Available)		
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci ☐ qPCR	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other _____			

Blank

Time Zone: EST CEN		Time: <u>1330</u>		Field ID: _____		Location: _____	
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID <u>Outlook #7</u>					
Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check		
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☐ H ₂ SO ₄			☒ < 2		
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2		
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice					
Chlorophyll	☒ CHLSUITE-W	☒ Ice					
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice					
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice					
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci ☐ qPCR	☐ Ice					
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice					
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other _____					

Notes:

Field Id		 10052017	
FIELD BLANK		 BLANK	
Signature: <u>[Signature]</u>	Date: <u>6/5/17</u>		

Field Parameters Entered into LIMS: _____	Field Parameters QC in LIMS: _____
(Initials/Date)	(Initials/Date)
Date Migrated to STORET: _____	Field Sheets Scanned/Saved: _____
(Initials/Date)	(Initials/Date)

DEP Form FD 9000-5 Stream/River Habitat Assessment Field Sheet

7800 S

(XK)

SAMPLING AGENCY: NE ROC		STORET STATION NUMBER: CINE 0893	DATE (MM/DD/YY): 10/5/17	RECEIVING BODY OF WATER: Okego Lake
REMARKS:	COUNTY: A/K/K/K	LOCATION: Cross Creek 400y Abv 325		FIELD ID/NAME:

Habitat Parameter	Optimal	Suboptimal	Marginal	Poor
Primary Habitat Components	Four or more major productive habitats present (snags, tree roots, aquatic vegetation, leaf packs (partially decayed), rock)	Three major productive habitats present. Adequate habitat. Some substrates may be new fall (fresh leaves or snags)	Two major productive habitats present. Less than desirable habitat, frequently disturbed or removed	One or less major productive habitat. Lack of habitat is obvious, substrates unstable or smothered
Substrate Diversity <u>3</u>	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 (3) 2 1
Substrate Availability <u>4</u>	Greater than 30% major productive habitat present at site 20 19 18 17 16	16% to 30% major productive habitat, by aerial extent 15 14 13 12 11	6% to 15% major productive habitat 10 9 8 7 6	Less than 5% major productive habitat 5 (4) 3 2 1
Water Velocity <u>11</u>	Max. observed at typical transect: > 0.25 m/sec. But < 1 m/sec ≥0.33 0.31 0.29 0.27 >0.25 20 19 18 17 16	Max. observed at typical transect: >0.1 to 0.25 m/sec 0.25 0.21 0.17 0.13 >0.1 15 14 13 12 (11)	Max. observed at typical transect: 0.05 to 0.1 m/sec 0.1 0.09 0.07 0.06 0.05 10 9 8 7 6	Max. observed at typical transect: <0.05 m/sec; or spate occurring: > 1 m/sec <0.05 0.04 0.03 0.01 <0.01 5 4 3 2 1
Habitat Smothering <u>4</u> ----- Primary Score <u>22</u>	Adequate number of stable pools (1-2 per 12 times width) and <25% of habitats affected by sand, silt, or algae. 20 19 18 17 16	Adequate number of stable pools (1-2 per 12 times width) and >25% of habitats affected by sand, silt, or algae. 15 14 13 12 11	Does not have required number of stable pools (1-2 per 12 x width) and/or has shallow pools (<2 x prevailing depth). 10 9 8 7 6	Stable pools are absent. Most habitats affected by sand, silt, or algae accumulation. 5 (4) 3 2 1
Secondary Habitat Components	Expected sinuosity given the stream width. No evidence of dredging or artificial straightening. No spoil banks.	Good sinuosity within old channelized area. Evidence of dredging in the past (>25 yrs) but mostly recovered.	Straightened with trapezoidal cross section, but has a small degree of sinuosity developed within channelized area.	Straightened or engineered by dredging, has trapezoidal or box cut cross section, lacks required pools. May have spoil banks.
Artificial Channelization <u>6</u>	20 19 18 17 16	15 14 13 12 11	10 9 8 7 (6)	5 4 3 2 1
Bank Stability	Bankfull > 60% of bank height. Slope of bank ≤ 60° from bankfull to top of bank. Bankfull is within or above the root zone with few raw, eroded areas.	Only meets 2 of the 3 requirements for optimal bank stability.	Only meets 1 of the 3 requirements for optimal bank stability.	Bankfull < 60% of bank height. Slope of bank > 60°. Bankfull is below the root zone with raw, eroded areas.
Right Bank <u>4</u> Left Bank <u>4</u>	10 9	8 7 6	5 4	3 2 1
Riparian Buffer Zone Width	Width of vegetation greater than 18 m	Width of vegetation >12 to 18m	Width of vegetation 6 to 12 m. human activities close to system	Less than 6 m of buffer zone due to intensive human activities
Right Bank <u>10</u> Left Bank <u>10</u>	10 9	8 7 6	5 4	3 2 1
Riparian Zone Vegetation Quality	Over 80% of riparian surfaces consist of normal, expected plant community for given sunlight & habitat conditions (e.g., native plants; tree, shrub, and forbs represented, if appropriate). Minimal disturbance.	>50% to 80% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions). Some disruption in community observed.	25% to 50% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions). Disruption obvious.	Less than 25% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions).
Right Bank <u>5</u> Left Bank <u>5</u> ----- Secondary Score <u>44</u>	10 9	8 7 6	(5) 4	3 2 1

66 TOTAL SCORE

Date: 10/5/17	Analyst: D Davis, J Penick	Signature: [Signature]
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NE 10/11/17

DEP Form FD 9000-4 Stream/River Habitat Assessment Sket

Field ID:



G1NE0105 10052017

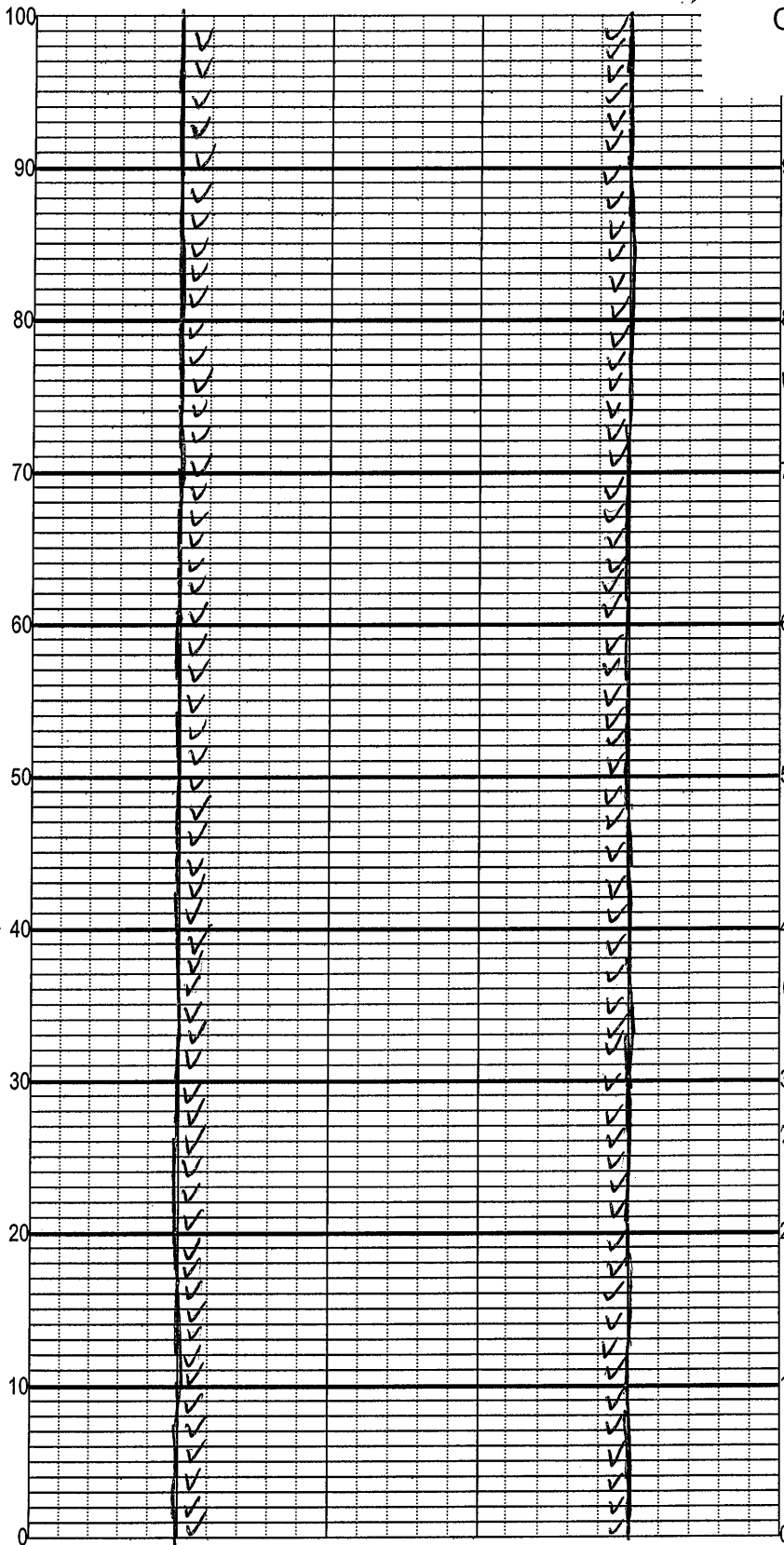
Cross Creek @
SR 325

STORET



20020131

Left
Bank



Downstream 25m
Length of grid represents 100 m of stream (not linear meters).
(Horizontal scale is double vertical scale, draw proportionately).

Date: 10/5/17
Sampler: B.P. J.P.

100 m: Latitude _____
Longitude _____
0 m: Latitude _____
Longitude _____

Substrates: Code key, draw proportionate habitat abundance.		%
☐	Snags	<u>0</u>
☐	Roots/undercut banks	<u>0</u>
☐	Leaf Packs (or mats)	<u>0</u>
☒	Aquatic Macrophytes	<u>4</u>
☐		
☐		
☒	Pools	total # observed = _____ # range expected = _____

Average width 25 m
Average depth 1.3 m

Velocity measured at 0 meter mark.

WQ & chemistry taken at 100 meter mark.

Habitat Smothering:
Note areas (on map) where sand or silt is smothering substrates, limiting habitability.

Bank Stability:
Note areas (on map) with unstable, eroding banks.

Riparian Buffer Width:
Note areas (on map) where natural vegetation is altered or eliminated.

Plants observed / other notes:

V=10m <2 M of Macrophytes was observed while doing the LVS? YES or NO

V=10m $\frac{100m}{2500m} = 4\%$

DEP FORM FD 9000-32: LINEAR VEGETATION SURVEY FIELD SHEET

Waterbody: Cross Creek 400m elev 325 Date: 10/5/17 County: Alachua Storet Number: 61NE0105

Analyst: B. Davis, Jr. Paulish Signature: [Signature]

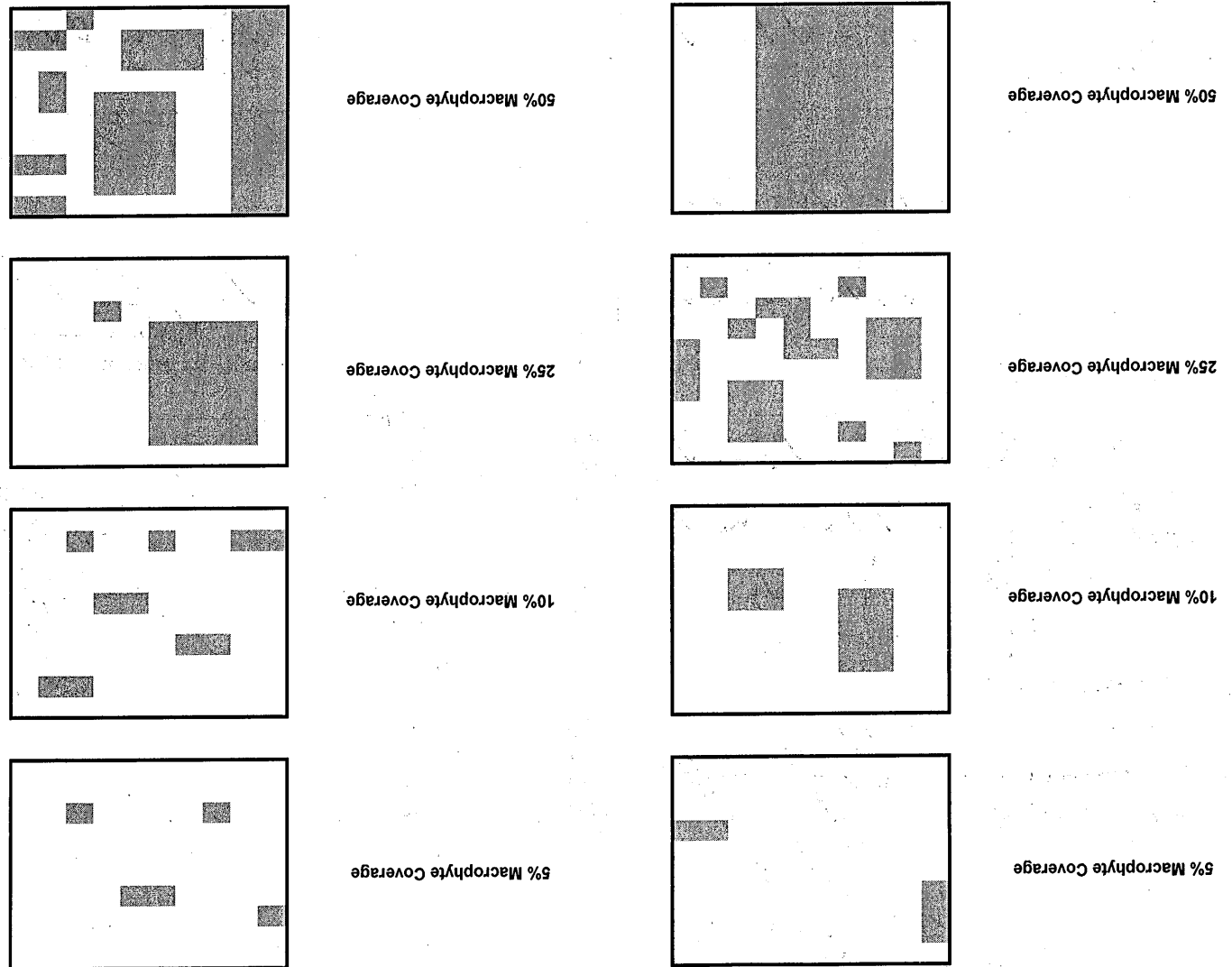
Comments:

Instructions: Note taxa growing in the water with a checkmark if present, "D" if dominant, and "C" if codominant (dominance only if 1 m² of taxa present). Note in the boxes below if no dominant are selected, and note total macrophyte abundance rank for each section. Only the most common taxa are listed, so use blank spaces for additional taxa names.

HERBACEOUS SPECIES	Meter Mark										Specimen collected (check)	HERBACEOUS SPECIES	Meter Mark										Specimen collected (check)
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100			0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	
Alternanthera philoxeroides	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Micranthemum glomeratum											
Bacopa caroliniana												Micranthemum umbrosum											
Bacopa monnieri												Myriophyllum aquaticum					✓	✓					
Bidens mitis												Najas guadelupensis					✓	✓					
Boehmeria cylindrica												Nuphar luteum							✓	✓			
Centella asiatica												Orontium aquaticum											
Ceratophyllum demersum	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Panicum hemitomon	D	D	D	D	D	D	D	D	D	D	
Chara												Panicum repens											
Cicuta maculata												Panicum rigidulum											
Cladium jamaicense												Pistia stratioides					✓	✓	✓	✓	✓	✓	
Colocasia esculenta		✓	✓			✓	✓	✓	✓	✓		Polygonum glabra	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Commelina diffusa												Polygonum hydropiperoides					✓	✓	✓	✓	✓	✓	
Commelina virginica												Polygonum punctatum											
Crinum americanum												Pontedaria cordata	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Diodia virginiana												Potamogeton illinoensis											
Eichhornia crassipes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Ruellia simplex											
Eleocharis (wispy viviparous)												Sacciolepis striata											
Hydrilla verticillata				✓	✓	✓	✓	✓	✓	✓		Sagittaria kurziana											
Hydrocotyle	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Sagittaria lancifolia		✓	✓		✓	✓	✓	✓	✓	✓	
Hygrophila polysperma												Sagittaria latifolia					✓	✓	✓	✓	✓	✓	
Hymenocallis												Salvinia minima	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Lachnanthes caroliniana												Samolus parviflora											
Landoltia punctata												Saururus cernuus											
Lemna	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Sparganium americanum											
Limnophila sessiflora												Typha				✓		✓					
Ludwigia leptocarpa	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Vallisneria americana											
Ludwigia palustris												Zizania aquatica											
Ludwigia peruviana							✓					Oxycaran Cubensis				✓	✓	✓	✓	✓	✓	✓	
Ludwigia repens												Spizodella Spp.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Luziola fluitans												Taxodium Spp.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Eudragia Spp.	✓											Sclix Spp.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Limnodyn Spp.	✓	✓	✓									Sepium					✓	✓	✓	✓	✓	✓	
Bidens Lewis								✓	✓	✓		Nymphoides Aquatica	✓	✓			✓	✓	✓	✓	✓	✓	
Acer Rubrum Acerum												Paspalum Repens											
Cobomb Spp												Utricularia Spp. Foliosa	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
If no Dominant or Co-Dominant were selected, indicate with "X"												Cephalanthus SPT		✓	✓		✓	✓	✓	✓	✓	✓	
Indicate % cover macrophytes per section																							
0-5% Macrophyte Coverage	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
>5 and ≤10% Macrophyte Coverage																							
>10 and ≤25% Macrophyte Coverage																							
>25 and ≤50% Macrophyte Coverage																							
> 50% Macrophyte Coverage																							

NE 10/11/17

Percent Cover Categories for macrophytes in a 10 m segment of a stream 5 m wide



RPS 8825

78005

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: Cross Creek 400m Abv. 325

County: Alachua

Date: 10/5/17

Investigators: B. Davis, J. Pellus

STORET Station Number:

G1NE0893

Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover	Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover
0	1	6			60	1	N		
	2	6				2	5		
	3	X				3	X	X	
	4					4			
	5					5			
	6					6			
	7					7			
	8	N				8	4		
	9	N				9	3		
10	1	5			70	1	5		
	2	4				2	5		
	3	X				3	X	X	
	4					4			
	5					5			
	6					6			
	7					7			
	8	N				8	5		
	9	4				9	4		
20	1	4			80	1	4		
	2	3				2	4		
	3	X				3	X	X	
	4					4			
	5					5			
	6					6			
	7					7			
	8	4				8	5		
	9	5				9	6		
30	1	4			90	1	6		
	2	N				2	6		
	3	X	X			3	X	X	
	4	X				4			
	5	X				5			
	6	X				6			
	7	X				7			
	8	N				8	N	N	
	9	N				9	5		
40	1	6			100	1	6		
	2	5				2	6		
	3	X	X			3	X	X	
	4					4			
	5					5			
	6					6			
	7					7			
	8	N				8	6		
	9	5				9	5		
50	1	5							
	2	5							
	3		X						
	4								
	5								
	6								
	7								
	8	4							
	9	6							

Secchi depth	0.4
Estimated?	NO

# points ranked 4-6	36
total points assessed	99
% points ranked 4-6	~36

Check accompanying data collected at same site/date.	
Algal mat sample	✓
Linear Veg Survey	✓
Habitat Assessment	✓
SCI/Biorecon	
Water sample	✓
RQ-2017-10-02-10	

Algal Thickness Rank	
N	rough, no algae, slimy, algae up to 1mm
3	>1mm - 6mm
4	>6mm - 20mm
5	>20mm - 10 cm
6	>10 cm

Record "N" and check "Estimated" for points deeper than the Secchi depth; algae are presumed absent. Check "Estimated" if thickness estimated for deep points which can be seen but not reached.

Record "X" for points shallower than Secchi depth for which substrate cannot be seen or reached with the hand. No estimated rank.

Record canopy cover as the number of small densiometer quadrants (out of 96) that HAVE canopy cover. Measure facing upstream at point 4, 5, or 6.

Collect algal mat sample following DEP SOP FS 7240 if the percentage of total sampled points with a thickness rank of 4, 5, or 6 is ≥20%.

NF 10/11/17



G1NE0105-10052017

Cross Creek @

SR 325

STORET



20020131

Physical/Chemical Characterization Field Sheet

COUNTY Alachua

STORET #

G1NE0893DATE 10/5/17TIME 1230

LATITUDE _____

LONGITUDE _____

SAMPLING AGENCY DEAR NEDSITE NAME Cross Creek 400m Abv 325

FIELD ID/NAME _____

RECEIVING BODY OF WATER Orange Creek

RIPARIAN ZONE / STREAM FEATURES

Meter ID: YSE #4

PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category):

Forest/Natural ☐ Silviculture ☐ Field/Pasture ☐ Agricultural ☐ Residential ☐ Commercial ☐ Industry ☐ Other (Specify) ☐Landscape Development Intensity Index (LDI) ☐Local Watershed Erosion (select one): ☐ None ☒ Slight ☐ Moderate ☐ HeavyLocal Watershed NPS Pollution: ☒ No evidence ☐ Slight ☐ Moderate ☐ Heavy

Width of Riparian Vegetation (m) on Each Buffer Side

Left Bank: 20 Right Bank: 20Hydrologic Modification Score (per FT 3101) ☐High Water Mark: 0 + 1.3 = 1.3
(m) (above present water level) (present depth) (above bed)

Artificially Impounded

☐ Yes ☒ No

Typical Width (m) Depth (m)/Velocity (m/sec) Transect

25 m wide0.1 m/s 1.3 m deepArtificially ☐ No☐ Mostly recovered, more sinuousCanopy Cover % ☒ Open☐ Lightly Shaded (11-45%)Channelized: ☒ Some recovery☐ Recent, severe☐ Heavily Shaded☐ Moderate Shaded (46-80%)

SEDIMENT / SUBSTRATE

Sediment Oils

☐ Absent ☒ Slight
☐ Moderate ☐ Profuse

Sediment Odors

☒ Normal ☐ Sewage ☐ Petroleum
☐ Chemical ☐ Anaerobic
☐ Other (Specify): _____

Smothering of Substrates

Sand Smothering: None ☒ Slight ☐ Moderate ☐ Severe ☐
Silt Smothering: None ☐ Slight ☒ Moderate ☐ Severe ☐
Algae Smothering: None ☐ Slight ☐ Moderate ☒ Severe ☐

SUBSTRATE TYPE

Assessment Tool: ☐ SCI ☒ RPS ☒ LVS☐ LCI ☐ BioReconINVERT PERI
% # Times # Times
Coverage Sampled SampledWoody Debris (Snags) 0 ☐ ☐Undercut Banks / Roots 0 ☐ ☐Leaf Packs or Mat 0 ☐ ☐Aquatic Vegetation 4 ☐ ☐Rock or Shell Rubble.. ☐ ☐Sand..... ☐ ☐Mud / Muck / Silt ☐ ☐Other ☐ ☐Other ☐ ☐

WATER QUALITY

Depth (M) Temp. (°C) pH (SU) D.O. (MG/L) D.O. Sat (%) Cond. (UMHO/CM) Salinity (PPT) SECCHI (M)
Top: 0.3 25.11 5.86 4.3 52.7 71 0.03 0.4
Mid: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Bottom: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
TOTAL DEPTH 1.3System Type: Stream ☒ Lake ☐ Wetland ☐ Estuary ☐ Other(Specify) ☐Water Odors Normal ☒ Petroleum ☐Sewage ☐ Chemical ☐ Other ☐Water Sample Taken? ☒ Yes ☐ NoSample Preserved? ☒ Yes ☐ No

Lot Number: _____ Exp: _____

Algae Sample Taken? ☒ Yes ☐ NoSample Preserved? ☒ Yes ☐ No

Lot Number: _____ Exp: _____

Water Surface Oils Normal ☒ Sheen ☐Globs ☐ Slick ☐ Other ☐Color Tannic ☒ Green (Algae) ☐Clear ☐ Other (Specify) ☐Clarity Clear ☐ Slightly Turbid ☒Turbid ☐ Opaque ☐

ABUNDANCE

Not Obs. Rare Common Abundant

Periphyton: ☐ ☐ ☒ ☐Fish: ☐ ☒ ☐ ☐Aquatic Plants: ☐ ☐ ☐ ☒Iron/Sulfur Bacteria: ☒ ☐ ☐ ☐

AMBIENT FIELD CONDITIONS / NOTES:

Hydrologic Disturbance Scoring ☐ 1-2 ☐ 3-4 ☐ 5-6 ☐ 7-8 ☐ 9-10☐ The antecedent hydrologic conditions have been met to my best knowledge.

SAMPLING TEAM

SIGNATURE: _____