



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2017

PAGE ____ OF ____

Data Qualified?

Yes / No

STORET Station Name: Fishing cr. @ Wesconnet Date: 5/2 / 2017

STORET Station ID: 20030608 WBID: 2324 Latitude: 30 14 35.33

County: Duval RQ: 2017-04-24-28 ORG ID: 21FLA Longitude: 81 44 16.86

Receiving Body of Water: Orry River Field ID: _____

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
JParrish						✓	✓	✓	✓
P. Locomo					✓				

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Equipment ID Orthokit # _____		

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# _____ 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	940	0.3	0.3	4.6	54.9	7.3	0.16	VOR	326	24.2
CEN								0.3		

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 ☐ HNO2			☐ <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-Cl / 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 ☐ Enter ☐ PCR-FILTER	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R	☐ Ice			
	☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Other			

Notes: _____

Place Label Here (If Available)

Signature: Jerry Parrish Date: 5/2 / 2017

Field Parameters Entered into LIMS: 20030608 (Initials/Date) Field Parameters QC in LIMS: _____ (Initials/Date)

Date Migrated to STORET: _____ (Initials/Date) Field Sheets Scanned/Saved: _____ (Initials/Date)

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

Shw 77590

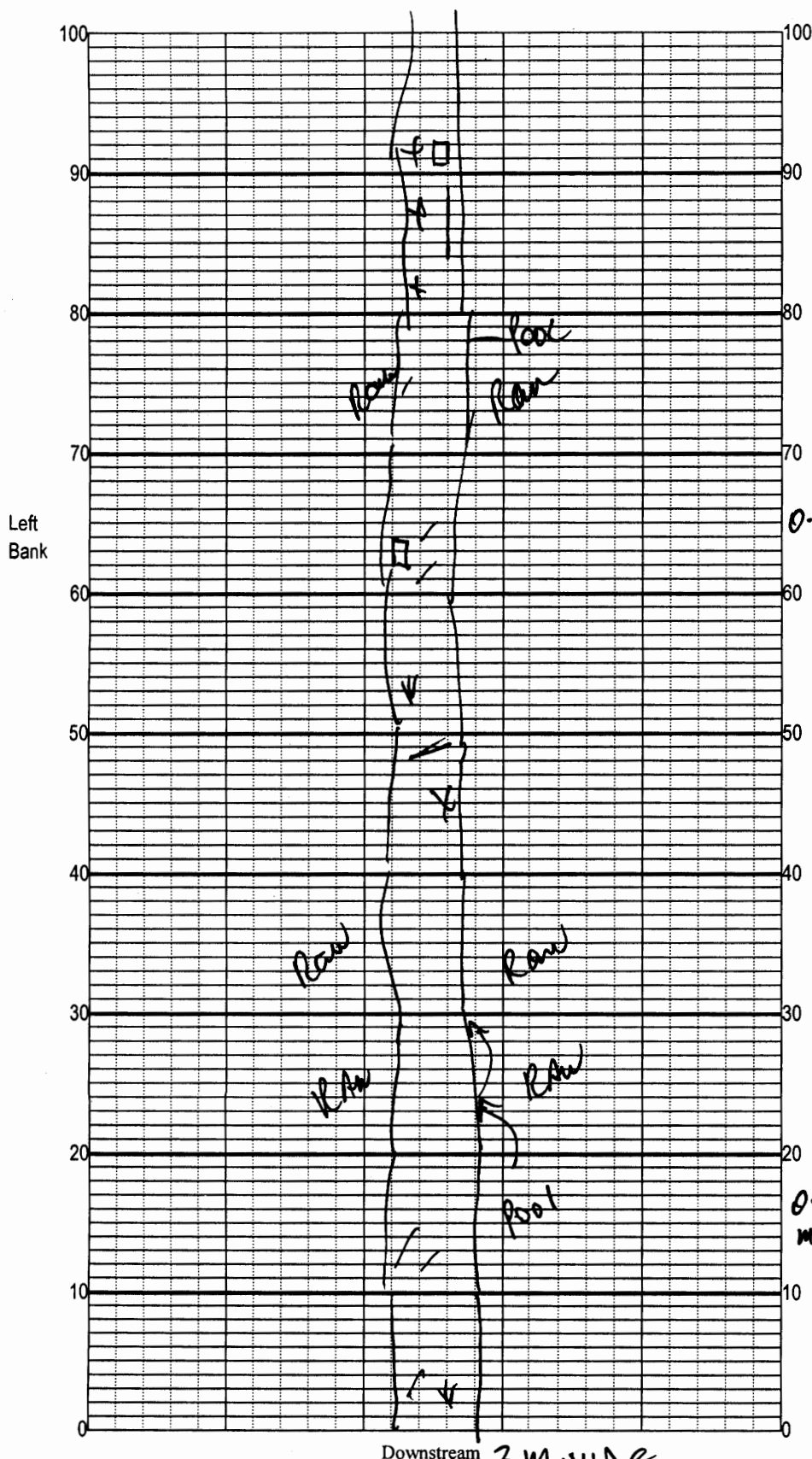
SAMPLING AGENCY: NE ROC		STORET STATION NUMBER: 20030608	DATE (MM/DD/YY): 05-02-17	RECEIVING BODY OF WATER: Orange River
REMARKS:	COUNTY: Duval	LOCATION: Fishing Creek @ WeSconnott		FIELD ID/NAME:

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>16</u>	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1
Substrate Availability <u>6</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>10</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>12</u> Primary Score <u>1244</u> <u>10</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>12</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. 10 9	Only meets 2 of the 3 requirements for optimal bank stability. 8 7 6	Only meets 1 of the 3 requirements for optimal bank stability. 5 4	Bankfull < 60% of bank height. Slope of bank > 60°. Bankfull is below the root zone with raw, eroded areas. 3 2 1
Riparian Buffer Zone Width	Width of vegetation greater than 18 m Right Bank <u>3</u> Left Bank <u>6</u> 10 9	Width of vegetation >12 to 18m 8 7 6	Width of vegetation 6 to 12 m. human activities close to system 5 4	Less than 6 m of buffer zone due to intensive human activities 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. Right Bank <u>8</u> Left Bank <u>8</u> Secondary Score <u>4749</u> 10 9	>50% to 80% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions). Some disruption in community observed. 8 7 6	25% to 50% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions). Disruption obvious. 5 4	Less than 25% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions). 3 2 1

9143 TOTAL SCORE

Date: 05-02-17	Analyst: PO'Connor	Signature: <i>P.O. Connor</i>
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DEP Form FD 9000-4 Stream/River Habitat Assessment Sketch Sheet



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

Location: Fishing cr @ Wesconnett
Date: 05-02-17
Sampler: P. O'Connor

100 m: Latitude _____	
Longitude _____	
0 m: Latitude _____	
Longitude _____	
Substrates: Code key, draw proportionate habitat abundance. %	
☒ Snags	_____ %
☒ Roots/undercut banks	_____ %
☒ Leaf Packs (or mats)	_____ %
☒ Aquatic Macrophytes	_____ %
☒ <u>Rock</u>	_____ %
☐ _____	_____ %
☐ Pools	total # observed = _____ # range expected = _____
Average width _____ m	
Average depth _____ m	
Velocity measured at _____ meter mark.	
WQ & chemistry taken at _____ 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:

<2 M of Macrophytes was observed while doing the LVS? YES or NO

3% Snag
2% Root
1% Veg
1% Rock (concrete)

77990

DEP Form FD 9000-3 Physical/Chemical Characterization Field Sheet

SAMPLE ID _____ ORG ID 21 FLA LATITUDE 30 14 35.33
 COUNTY Duval STORET # 20030608 LONGITUDE 81 44 16.8
 DATE 5/2/17 TIME 940 SAMPLING AGENCY Enep re
 SITE NAME Fishing reservoir
 FIELD ID/NAME _____ RECEIVING BODY OF WATER Ortega R.

RIPARIAN ZONE / STREAM FEATURES

Meter ID: Quanta*

PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category): Forest/Natural ☐ Silviculture ☐ Field/Pasture ☐ Agricultural ☐ Residential ☐ Commercial ☐ Industry ☐ Other (Specify) ☐ <u>10</u> <u>45</u> <u>45</u>								Landscape Development Intensity Index (LDI) ☐	
Local Watershed Erosion (select one): ☐ None ☐ Slight ☐ Moderate ☒ Heavy Local Watershed NPS Pollution: ☐ No evidence ☐ Slight ☐ Moderate ☒ Heavy						Typical Width (m) Depth (m) Velocity (m/sec) Transect <u>3</u> m wide <u>0.1</u> m/s <u>0.3</u> m deep			
Width of Riparian Vegetation (m) on Each Buffer Side Left Bank: <u>6</u> Right Bank: <u>6</u>				Hydrologic Modification Score (per FT 3101) ☐					
High Water Mark: <u>1</u> + <u>0.3</u> = <u>1.3</u> (m) (above present water level) (present depth) (above bed)				Artificially Impounded ☒ Yes ☐ No					
Artificially ☐ No ☐ Mostly recovered, more sinuous Channelized: ☒ Some recovery ☐ Recent, severe				Canopy Cover % ☐ Open ☐ Lightly Shaded (11-45%) ☒ 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 ☐ BioRecon INVERT PERI % # Times # Times Coverage Sampled Sampled Woody Debris (Snags) <u>3</u> <u>4</u> Undercut Banks / Roots <u>2</u> <u>4</u> Leaf Packs or Mat Aquatic Vegetation <u>21</u> <u>4</u> Rock or Shell Rubble.. <u>21</u> <u>4</u> Sand..... <u>94</u> <u>4</u> 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: Mid: <u>0.2</u> <u>24.2</u> <u>7.3</u> <u>4.6</u> <u>54.9</u> <u>326</u> <u>0.16</u> <u>0.3</u> Bottom: <u>0.3</u> System Type: Stream ☒ Lake ☐ Wetland ☐ Estuary ☐ Other (Specify) _____					
Water Odors Normal ☒ Petroleum ☐ Sewage ☐ Chemical ☐ Other ☐			Water Surface Oils Normal ☒ Sheen ☐ Globbs ☐ Slick ☐ Other ☐			Color Tannic ☐ Green (Algae) ☐ Clear ☒ Other (Specify) _____		
Water Sample Taken? ☒ Yes ☐ No Sample Preserved? ☐ Yes ☐ No Lot Number: _____ Exp: _____			Algae Sample Taken? ☐ Yes ☒ No Sample Preserved? ☐ Yes ☐ No Lot Number: _____ Exp: _____			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 <u>J. Parrish, P. O'Connor</u>				SIGNATURE: _____			

2h10
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PPS 8685

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: Fishing @ Wesconnet H					County: Doral		Date: 5/2/17		Investigators: J. B. Smith			
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	STORET Station Number: 20030604		
0	1	N	N		60	1	N	N		Secchi depth	10.3	
	2	N	N			2	N	N		Estimated?		
	3	N	N			3	N	N		# points ranked 4-6	1	
	4	N	N			4	3	N		total points assessed	99	
	5	N	N	86		5	N	N	90	% points ranked 4-6	10%	
	6	3	N			6	N	N				
	7	N	N			7	N	N				
	8	3	N			8	N	N				
	9	3	N			9	N	N				
10	1	N	N		70	1	N	N		Check accompanying data collected at same site/date.		
	2	N	N			2	N	N		Algal mat sample	2/6	
	3	N	N			3	N	N		Linear Veg Survey	Y	
	4	N	N			4	N	N		Habitat Assessment	Y	
	5	N	N	92		5	N	N	96	SCI/Biorecon		
	6	N	N			6	N	N		Water sample	Y	
	7	N	N			7	N	N		RQ-2017-04-24-78		
	8	N	N			8	N	N				
	9	N	N			9	N	N				
20	1	N	N		80	1	N	N		Algal Thickness Rank		
	2	N	N			2	N	N		N	rough, no algae, slimy, algae up to 1mm	
	3	N	N			3	N	N		3	>1mm - 6mm	
	4	N	N			4	N	N		4	>6mm - 20mm	
	5	N	N	85		5	N	N	90	5	>20mm - 10 cm	
	6	N	N			6	N	N		6	>10 cm	
	7	N	N			7	N	N				
	8	N	N			8	N	N				
	9	N	N			9	N	N				
30	1	X	N		90	1	N	N		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.		
	2	X	N			2	N	N		Record "X" for points shallower than Secchi depth for which substrate cannot be seen or reached with the hand. No estimated rank.		
	3	X	N			3	N	N		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.		
	4	X	N			4	N	N		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%.		
	5	X	N	96		5	N	N	90			
	6	X	N			6	3	N				
	7	X	N			7	N	N				
	8	X	N			8	N	N				
	9	X	N			9	N	N				
40	1	N	N		100	1	N	N				
	2	X	N			2	N	N				
	3	X	N			3	N	N				
	4	X	N			4	N	N				
	5	X	N	88		5	N	N	96			
	6	X	N			6	N	N				
	7	X	N			7	N	N				
	8	X	N			8	N	N				
	9	X	N			9	N	N				
50	1	N	N		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%.							
	2	N	N									
	3	N	N									
	4	N	N									
	5	X	N	96								
	6	X	N									
	7	X	N									
	8	X	N									
	9	X	N									

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

Waterbody: Fishing Cr. @ Wescon no 4	Date: 05-02-17	County: Duval	Store Number: 20730608
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Analyst: P. O'Connor

Signature: Faruk Ullah

Comments:

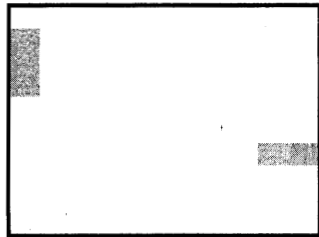
Instructions: Note taxa growing in the water with a checkmark if present, "D" if dominant, and "C" if codominant (dominance only if 1 m² of taxa present). Note in the boxes below if no dominant are selected, and note total macrophyte abundance rank for each section. Only the most common taxa are listed,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

	Meter Mark										Meter Mark										
HERBACEOUS SPECIES	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	Specimen collected n (check)	HERBACEOUS SPECIES	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	Specimen collected n (check)
<i>Alternanthera philoxeroides</i>	✓	✓			✓	✓	✓	✓			Micranthemum glomeratum										
Bacopa caroliniana											Micranthemum umbrosum										
Bacopa monneri											Myriophyllum aquaticum										
Bidens mitis											Najas guadelupensis										
Boehmeria cylindrica											Nuphar luteum										
Centella asiatica											Oryzopsis aquatilis										
Ceratophyllum demersum											Panicum hemitomon										
Chara											Panicum repens										
Cicutula maculata											Panicum rigidulum										
Cladium jamaicense								✓	✓		Pistia stratiotes										
Colocasia esculenta								✓	✓		Polygonum glabra										
Commelina diffusa		✓						✓	✓		Polygonum hydropiperoides										
Commelina virginica											Polygonum punctatum										
Crinum americanum											Pontedericia cordata										
Diodia virginiana											Potamogeton illinoensis										
Eichhornia crassipes											Ruellia simplex										
Eleocharis (wispy viviparous)											Sagittaria striata										
Hydrilla verticillata	✓	✓									Sagittaria kurziana										
Hydrocotyle	✓	✓									Sagittaria lancifolia										
Hypochaeris polisperma											Sagittaria latifolia										
Hymenocallis											Salvinia minima										
Lachnanthes caroliniana											Samolus parviflora										
Landoltia punctata											Saururus cernuus										
Lemna											Sparganium americanum										
Limnophila sessiliflora											Typha										
Ludwigia leptocarpa											Vallisneria spiralis										
Ludwigia palustris											Zizania aquatica										
Ludwigia peruviana																					
Ludwigia repens																					
Luziola fluitans																					
If no Dominant or Co-Dominant were selected, indicate with "X"																					
Indicate % cover macrophytes per section																					
<5% Macrophyte Coverage	✓	✓	✓	✓	✓	✓	✓	✓	✓												
>5 and ≤10% Macrophyte Coverage																					
>10 and ≤25% Macrophyte Coverage																					
>25 and ≤50% Macrophyte Coverage																					

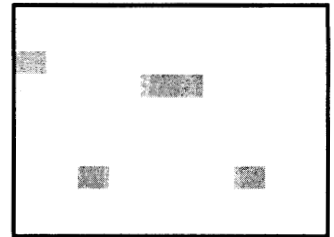
FDEP FORM FD 9000-32 LINEAR VEGETATION SURVEY FIELD SHEET

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

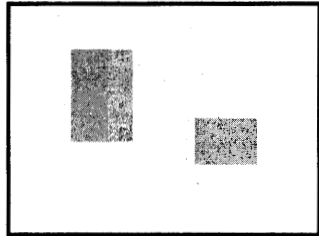
5% Macrophyte Coverage



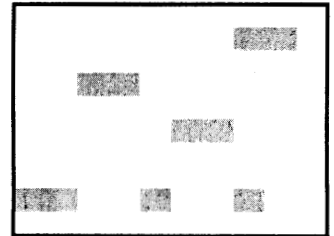
5% Macrophyte Coverage



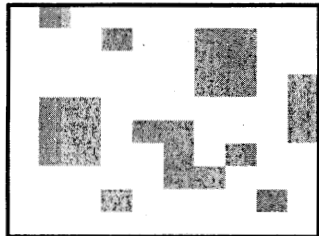
10% Macrophyte Coverage



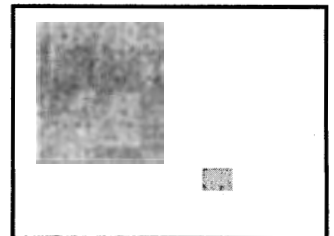
10% Macrophyte Coverage



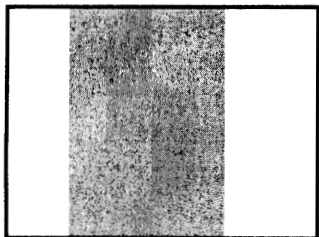
25% Macrophyte Coverage



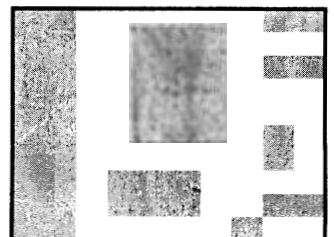
25% Macrophyte Coverage



50% Macrophyte Coverage



50% Macrophyte Coverage



CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there is qualified data on this name.

Meter Hydrolab Quanta RQ- 2017-04-24-28 Project LSJR

- Notes:** (1) Numbers ≤ 4 , are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).
 (2) Always wait for meter to stabilize before recording any readings.
 (3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 2/2017

DO FDEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	PO'Connor	05-02-17	0640	23.4	8.51	8.48	99.9	-	-	Pass	LAS
ICV	↓	↓	0645	23.4	8.51	8.47	99.9	-	-	Pass	LAS
CCV	PO'Connor	05-02-17	1237	23.2	8.54	8.35	98.0	-	-	Pass	CHS
CCV											

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	PO'Connor	05-02-17	0647	161101A	11/2017	1000	1000	Pass	LAS
ICV	↓	↓	0648	161101B	05/2017	100	100	Pass	CHS
CCV	PO'Connor	05-02-17	1240	161101B					
CCV	PO'Connor	05-02-17	1246	214720M	12/2017	147	144	Pass	CHS

Report specific conductance as a whole number with no decimal figure.

Conductivity Acceptance criteria $\pm 5\%$

pH FDEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	PO'Connor	05-02-17	0700	2702047	02/2019	7.0	7.00	-	Pass	CHS
Calibr.	↓	↓	0705	2610F42	10/2018	4.0	4.00	-	Pass	LAS
Calibr.	↓	↓	0710	2611999	05/2018	10.0	9.84	-	Pass	CHS
ICV	PO'Connor	05-02-17	1350	2702047	02/2019	7.0	7.05	-	Pass	CHS
CCV										
CCV										

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU; mV pH7 Range 0 ± 50 ;

mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ; Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly)

Date of Last Depth Verification N/A

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air				0.000			

ICV acceptance criteria $\pm 5\%$ or $\pm 0.05m$, whichever is greater

NF 5/11/17