



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

PAGE ____ OF ____

February 2016

Data Qualified?
Yes / No

STORET Station Name: Olustee @ 240

Date: 10/20/2016

STORET Station ID: 21030073

Latitude: 30.05825

WBID: 3504A RQ-2016- 10-17-12810-17-13 ORG ID: 21 FLA

Longitude: 82.53269

WBID 3504

Receiving Body of Water: Swan Lake Santa Fe Field ID: _____

County: Columbia

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J Parrish									
B Davis									

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

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

Water Level: Dry / Low / Normal / High / Flooded
Meter ID# Hyd Photos: Yes / No
Matrix: Fresh / Marine / DI
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 (umhos/cm)	Temp. (C°)
EST	1315	0.2	0.2	5.9	57	8.9	0.04	103	68	21.2
CEN										

Biological Samples Collected: None HA SCI LVS RPS LVI Other

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4	157499		☒ <2
Metals	☒ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 um Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
BOD	☐ BOD-UNIN	☐ Ice			
Physical/Aggregate (Kit A)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Kit B)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococcus ☐ QPCR	☐ Ice			
Periphyton	☐ ALGAE-ID	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PC-AA-SF ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			

Notes: _____

Place Label Here
(If Available)

Signature: Jeremy Parrish Date: 10/20/16

Field Parameters Entered into LIMS: _____ Field Parameters QC in LIMS: _____

Date Migrated to STORET: _____ Field Sheets Scanned/Saved: _____

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

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

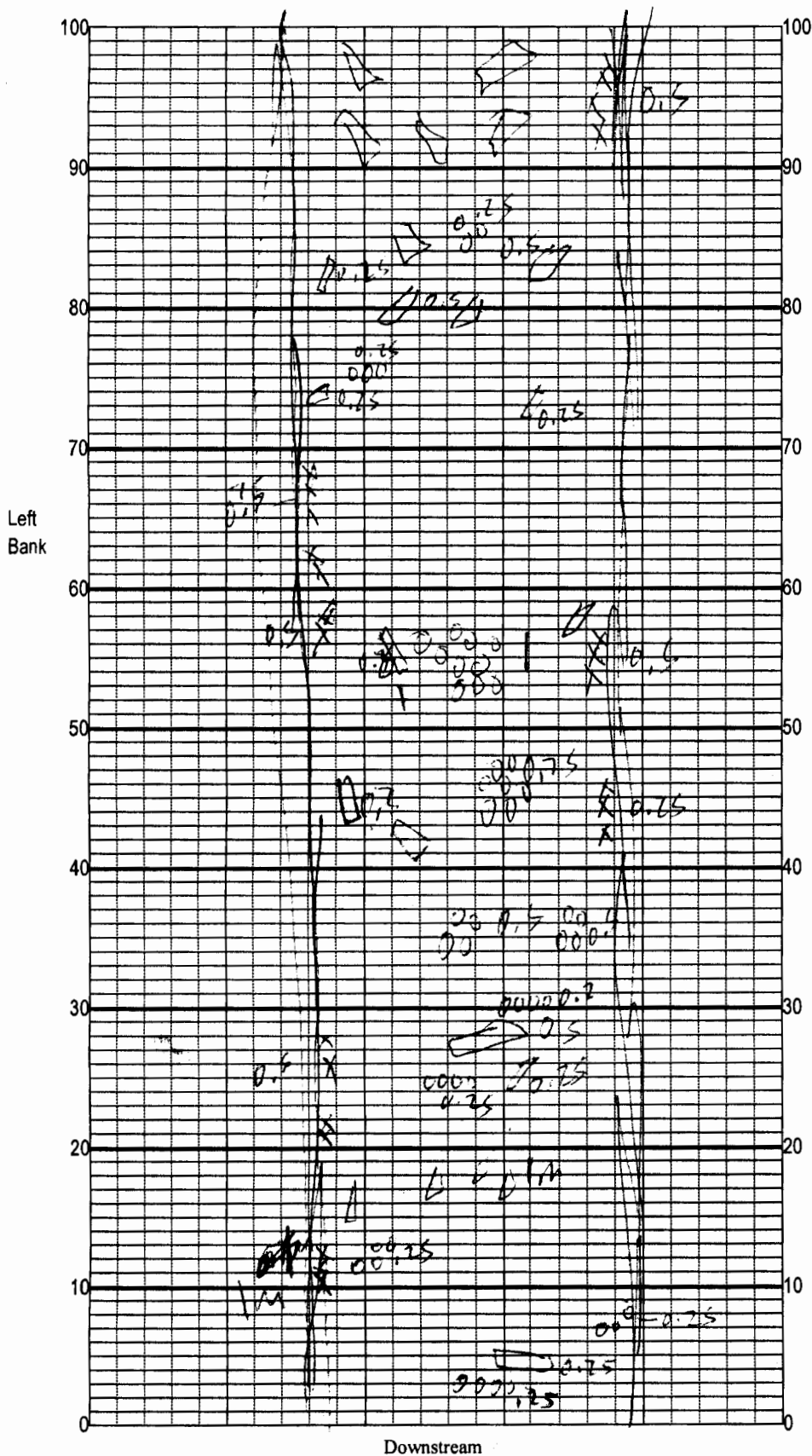
SAMPLING AGENCY: NE ROC		STORET STATION NUMBER: 21030073	DATE (MM/DD/YY): 10/20/16	RECEIVING BODY OF WATER: Sullivan Fe
REMARKS:	COUNTY: Columbia	LOCATION: Oluskee @ 210	FIELD ID/NAME:	

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>13</u>	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1
Substrate Availability <u>8</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>14</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>13</u> Primary Score <u>48</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>20</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>6</u> Left Bank <u>6</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>10</u> Left Bank <u>10</u> Secondary Score <u>72</u>	(10) 9	8 7 6	5 4	3 2 1

120 TOTAL SCORE

Date: <u>10/20/16</u>	Analyst: <u>Jeremy Sauer</u>	Signature:
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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: Oyster e 240

Date: 10/20/2016

Sampler: SP 160

100 m: Latitude _____

Longitude _____

0 m: Latitude _____

Longitude _____

Substrates: Code key, draw proportionate habitat abundance.	%
1	10
2	20
3	30
4	40
5	50
6	60
7	70
8	80
9	90
10	100

 Snags 5

	Roots/undercut banks	<u>2</u>
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Leaf Packs (or mats) 3

☐ Aquatic Macrophytes _____

☐ 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

$$CO = 1n + 1m + 1510.75$$
$$U = 1m + 1 + 475 + 2 + .5 + .5 + .5$$
$$x = 1m + .5 + .25 + .125 + .0625 + .03125 + .015625 + .0078125 + .00390625 + .001953125 + .0009765625 + .00048828125 + .000244140625 + .0001220703125 + .00006103515625 + .000030517578125 + .0000152587890625 + .00000762939453125 + .000003814697265625 + .0000019073486328125 + .00000095367431640625 + .000000476837158203125 + .0000002384185791015625 + .00000011920928955078125 + .000000059604644775390625 + .0000000298023223876953125 + .00000001490116119384765625 + .000000007450580596923828125 + .0000000037252902984619140625 + .00000000186264514923095703125 + .000000000931322574615478515625 + .0000000004656612873077392578125 + .00000000023283064365386962890625 + .000000000116415321826934814453125 + .0000000000582076609134674072265625 + .00000000002910383045673370361328125 + .000000000014551915228366851806640625 + .0000000000072759576141834259033203125 + .00000000000363797880709171295166015625 + .000000000001818989403545856475830078125 + .0000000000009094947017729282379150390625 + .00000000000045474735088646411895751953125 + .000000000000227373675443232059478759765625 + .0000000000001136868377216160297393798828125 + .00000000000005684341886080801486968994140625 + .000000000000028421709430404007434844970703125 + .0000000000000142108547152020037174224853515625 + .00000000000000710542735760100185871124267578125 + .000000000000003552713678800500929355621337890625 + .0000000000000017763568394002504646778106689453125 + .00000000000000088817841970012523233890533447265625 + .000000000000000444089209850062616169452667236328125 + .0000000000000002220446049250313080847263336181640625 + .00000000000000011102230246251565404236316680908203125 + .000000000000000055511151231257827021181583404541015625 + .0000000000000000277555756156289135105907917022705078125 + .00000000000000001387778780781445675529539585113525390625 + .000000000000000006938893903907227877647697925567626953125 + .0000000000000000034694469519536139388238489627788134765625 + .00000000000000000173472347597680696941192448138940673828125 + .000000000000000000867361737988403484705962240694703369140625 + .0000000000000000004336808689942017423529811203473516845703125 + .00000000000000000021684043449710087117649056017367584228515625 + .000000000000000000108420217248550435588245280086837921142578125 + .0000000000000000000542101086242752177941226400434189605712890625 + .00000000000000000002710505431213760889706132002170948028564453125 + .000000000000000000013552527156068804448530660010854740142822265625 + .0000000000000000000067762635780344022242653300054273700714111328125 + .00000000000000000000338813178901720111213266500271368503570556640625 + .000000000000000000001694065894508600556066332501356842517852783203125 + .0000000000000000000008470329472543002780331662506784212589263916015625 + .00000000000000000000042351647362715013901658312533921062946319580078125 + .000000000000000000000211758236813575069508291562669605314731597900390625 + .0000000000000000000001058791184067875347541457813348026573657989501953125 + .00000000000000000000005293955920339376737707289066740132868289947509765625 + .000000000000000000000026469779601696883688536445333700664341449737548828125 + .0000000000000000000000132348898008494417844268226668503321707248687744140625 + .00000000000000000000000661744490042472089221341133342516608536243438720703125 + .000000000000000000000003308722450212360446106705666712583042681217193603515625 + .0000000000000000000000016543612251061802230533528333562541521340585968017578125 + .00000000000000000000000082718061255309011152667641667812707606702929840087890625 + .000000000000000000000000413590306276545055763338208339063538033514649200439453125 + .0000000000000000000000002067951531382725278816691041695317690167573246002197265625 + .00000000000000000000000010339757656913626394083455208476588450837866230010986328125 + .000000000000000000000000051698788284568131970417276042382942254189331150054931640625 + .0000000000000000000000000258493941422840659852086380211914711270946655750274658203125 + .00000000000000000000000001292469707114203299260431901059573556354733278751373291015625 + .000000000000000000000000006462348535571016496302159505297867781773666393756866455078125 + .000000000000000000000000003231174267785508248151079752648933890886883196877933227$$

0.2 m sec

2.3 m wide

21030073
t Number:

Storet Number:

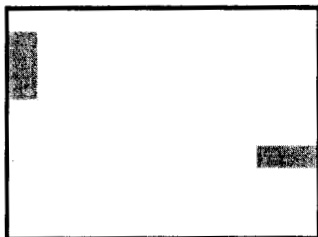
Signature: JS

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.

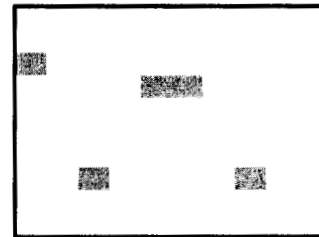
62-160.800, F.A.C. page 1 of 2 Revision Date: March 1, 2014

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

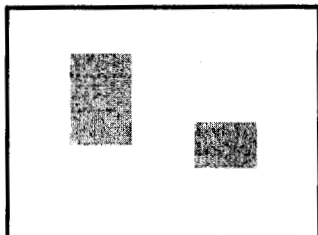
5% Macrophyte Coverage



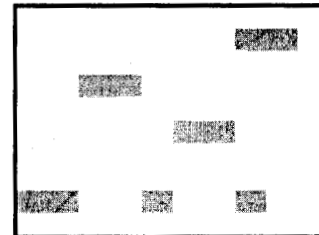
5% Macrophyte Coverage



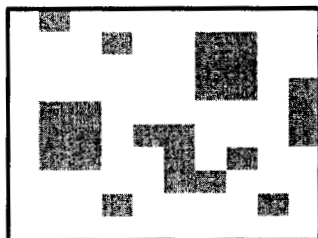
10% Macrophyte Coverage



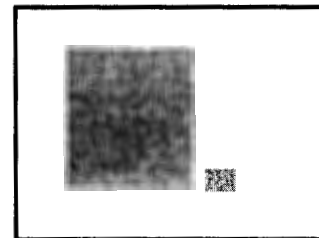
10% Macrophyte Coverage



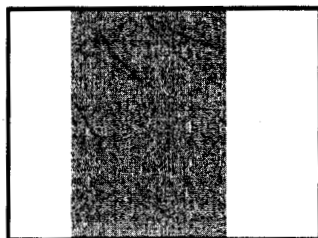
25% Macrophyte Coverage



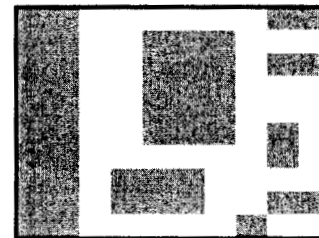
25% Macrophyte Coverage



50% Macrophyte Coverage



50% Macrophyte Coverage



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

SAMPLE ID: _____ ORG ID: _____ LATITUDE: 30 05 52 S
 COUNTY: Columbia STORET #: LINE 20 21030073 LONGITUDE: 82.53 26 W
 DATE: 10/20/2016 TIME: 1315 SAMPLING AGENCY: FD, Inc
 SITE NAME: Oliver @ 240
 FIELD ID/NAME: _____ RECEIVING BODY OF WATER: _____

RIPARIAN ZONE / STREAM FEATURES

Meter ID: _____

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 ☐ Heavy Local Watershed NPS Pollution: ☐ No evidence ☐ Slight ☐ Moderate ☐ Heavy								Typical Width (m) Depth (m)/Velocity (m/sec) Transect 2.2 m wide _____ m/s _____ m/s _____ m/s _____ m deep 0.2 m deep _____ m deep
Width of Riparian Vegetation (m) on Each Buffer Side Left Bank: <u>75m</u> Right Bank: <u>718m</u>				Hydrologic Modification Score (per FT 3101) ☐				
High Water Mark: <u>4.0</u> + <u>0.2</u> = <u>1.2</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>5</u> <u>5</u> <u>5</u> Undercut Banks / Roots <u>2</u> <u>5</u> <u>5</u> Leaf Packs or Mat <u>3</u> <u>5</u> <u>5</u> Aquatic Vegetation <u>90</u> <u>5</u> <u>5</u> Rock or Shell Rubble.. <u>90</u> <u>5</u> <u>5</u> Sand..... <u>90</u> <u>5</u> <u>5</u> Mud / Muck / Silt <u>90</u> <u>5</u> <u>5</u> Other <u>90</u> <u>5</u> <u>5</u> Other <u>90</u> <u>5</u> <u>5</u>			WATER QUALITY Depth (M) Temp. (°C) pH (SU) D.O. (MG/L) D.O. Sat (%) Cond. (UMHO/CM) Salinity (PPT) SECCHI (M) Top: <u>0.1</u> <u>21.2</u> <u>7.0</u> <u>5.9</u> <u>67</u> <u>68</u> <u>0.04</u> Mid: _____ Bottom: <u>0.2</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>Jay Cann</u>			SIGNATURE: _____					

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: 0105423240					County: Columbia		Date: 10/20/16		Investigators: J. P. ... / B. ...																	
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:																
0	1	N	N		60	1	N	N		Secchi depth																
	2					2						Estimated?														
	3					3																				
	4					4																				
	5					5																				
	6					6																				
	7					7																				
	8					8																				
	9	N	N			9	N	N																		
10	1	N	N		70	1	N	N		# points ranked 4-6																
	2					2						total points assessed														
	3					3																				
	4					4																				
	5					5																				
	6					6																				
	7					7																				
	8					8																				
	9	N	N			9	N	N																		
20	1	N	N		80	1	N	N		% points ranked 4-6																
	2					2																				
	3					3																				
	4					4																				
	5					5																				
	6					6																				
	7					7																				
	8					8																				
	9	N	N			9	N	N																		
30	1	N	N		90	1	N	N		Check accompanying data collected at same site/date.																
	2					2						Algal mat sample														
	3					3							Linear Veg Survey													
	4					4								Habitat Assessment												
	5					5									SCI/Biorecon											
	6					6										Water sample										
	7					7											RQ-									
	8					8												Algal Thickness Rank								
	9	N	N			9	N	N											<table border="1"> <tr><td>N</td><td>rough, no algae, slimy, algae up to 1mm</td></tr> <tr><td>3</td><td>>1mm - 6mm</td></tr> <tr><td>4</td><td>>6mm - 20mm</td></tr> <tr><td>5</td><td>>20mm - 10 cm</td></tr> <tr><td>6</td><td>>10 cm</td></tr> </table>	N	rough, no algae, slimy, algae up to 1mm	3	>1mm - 6mm	4	>6mm - 20mm	5
N	rough, no algae, slimy, algae up to 1mm																									
3	>1mm - 6mm																									
4	>6mm - 20mm																									
5	>20mm - 10 cm																									
6	>10 cm																									
40	1	N	N		100	1				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					2																				
	3					3																				
	4					4																				
	5					5																				
	6					6																				
	7					7																				
	8					8																				
	9	N	N			9	N	N																		
50	1	N	N			1				Record "X" for points shallower than Secchi depth for which substrate cannot be seen or reached with the hand. No estimated rank.																
	2					2																				
	3					3																				
	4					4																				
	5					5																				
	6					6																				
	7					7																				
	8					8																				
	9	N	N			9	N	N																		

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 page.

Meter

Quanta

RQ-

2016-10-12-12

Project

- 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

03/04/2016

7/2016

DO DEP 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.	J Pann	10/20	720	24.0	8.42	8.42	100	-	-	P	L
ICV		↓	722	24.0	8.42	8.43	100.2	-	-	P	L
CCV	B Dev	10/20	1521	24.1	8.40	8.38	99.8	-	-	P	L
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.	J Pann	10/20	723	160616A	6/17	1500	1500	P	L
ICV		↓	727	05151413	10/16	1413	1433	P	L
CCV							1408		L
CCV	B Dev	10/20	1523	160616B	12/16	100	100	P	L

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

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J Pann	10/20/16	730	2555204	6/18	7.0	7.0	7.0	P	L
Calibr.			731	2555204	4/18	4.0	4.0	4.0	P	L
Calibr.	J Pann		735	2555204	4/17	10.0	10.0	9.89	P	L
ICV				2555204	6/18	4.0	3.92	5.0		
CCV	B Dev	10/20	1529	2606604	6/18	7.0	7.13	-	P	L
CCV										

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

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

mV pH 10 Range -180 $\pm$ 50;

Slope from 7 to 10 and 4 to 7 must be between 165 and 180mV

Depth (Quarterly)

Date of Last Depth Verification

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 ± 0.05 m, whichever is greater