

SITE NAME: Lloyd Creek DATE: 10/1/15 TIME 1400 EST CST DEPTH*: 5 ft (m) FIELD ID: Lloyd Ref
 (military)

SAMPLING TEAM MEMBERS	WQ MEASUREMENTS	DOCUMENTATION	SAMPLE COLLECTION	PRESERVATION	PRESERVATION CHECK
O'Neal			X	X	X
Olney	X				
Rankin		X			

SAMPLING EQUIPMENT	
☒ Sample Container	☐ Tubing type: _____
☒ Pole - <u>QPCR only</u>	☐ Other _____
☐ Pump ID#: _____	☐ Other _____
WATER QUALITY MEASUREMENTS	
Instrument ID: <u>YSI #7</u>	
COLLECTION MODE	
☒ Wading - <u>all other samples</u>	☐ Via Boat
☐ Diving	☐ Canoe
☒ From Shore - <u>QPCR only</u>	☐ Electric Motor
☐ Other _____	☐ Gasoline Motor

Parameter Suite	Parameter(s)/Method	Matrix Code ¹	Preservation**	Preservative Lot #	pH Check	# Bottles ***
Preserved Nutrients	☒ TKN ☒ TP ☒ NO _x ☒ NH ₃ ☒ TOC ☐ Total N ☐ Other: _____	SW	☒ Ice ☒ H ₂ SO ₄	5113230	☒ <2	1
Filtered Nutrients	☐ OP ☐ Other: _____	W	☐ Ice ☐ .45 um Filter			
Unpreserved Nutrients	☐ NO ₂ ☐ NO ₃ ☐ SO ₄ ☐ Other: _____	W	☐ Ice			
Physical/Aggregate Properties	☐ TDS ☒ TSS ☐ TS ☒ Turbidity ☐ Alk ☒ Color ☐ Other: _____	SW	☒ Ice			1
Chlorophyll	☒ CHL-PPTN-W	SW	☒ Ice			1
BOD	☐ BOD-INHB ☐ BOD-UNIN	W	☐ Ice			
Microbiology	MF: ☒ E coli ☐ T Coli ☒ F Coli ☐ Enteroc ☐ F Strep	SW	☒ Ice			2
Macroinvertebrates	☒ MI-FW-QLDC ☐ MI-FW-QLBR ☐ MI-FW-QNNC ☐ MI-MN-QNNC	SW	☒ Formalin	AO		1
Phytoplankton	☐ PKD-QN-C ☐ DTY-QN-C	W	☐ Lugol's			
Periphyton	☐ PRN-QL-C ☐ DTM-QL-C ☐ PRN-QN-C ☐ DTM-QN-C	W	☐ Formalin			
AGP	☐ AA-AGP ☐ AA-LIM-NUT	W	☐ Ice			
Metals	☐ W-ICP ☐ W-FIAS ☐ W-ICPMS ☐ W-ICP-Tr	W	☐ HNO ₃		☐ <2	
Filtered Metals	☐ W-ICP-F ☐ W-FIAS-F ☐ W-ICPMS-F ☐ W-ICP-Tr-F	W	☐ HNO ₃ ☐ .45 um Filter		☐ <2	
Mercury	☐ W-HG-AF	W				
BaseNeutral / Acid Extractable	☐ W-BNA ☐ W-AE ☐ W-BN ☐ W-PAH ☐ W-FL-PRO ☐ W ☐ Other: _____	W	☐ Ice			
Pesticides	☐ W-PEST-CL ☐ W-PCB ☐ W-PEST-NP ☐ W-PSCL-PCB ☐ W-NP-AA-SF ☐ W-PC-AA-SF ☐ W-PSHRB-NP ☐ W-SLFN-UREA ☐ W-SULFN-LC ☐ Other: _____ ☐ W-ACIDHERB	W	☐ Ice ☐ H ₂ SO ₄		☐ <2	
Purgeables	☐ W-CARB ☐ W-VOC-MS ☐ W-VOC-MS-A	W	☐ Ice ☐ MCAA			
Bioassay	Specify Test: _____	SW	☒ Ice			1
OTHER	<u>QPCR</u>	SW	☒ Other: <u>Ice</u>			2

 Notes: no SOL, water levels low, hab out of water, snag only
30° 21' 49.5" N HA + RPS only
83° 54' 05.1" W

Use one line for each set of sample (as supplied by the laboratory) containers. Use separate sheet for field or laboratory duplicate or blank or different water depth

^Enter "S" for surface if collected at a depth less than or equal to 1 foot

*Matrix Codes (Insert prefix): SW = Surface Water GW = Groundwater DW = Drinking Water WW = Wastewater O = Other: _____

**PRESERVATIVES: 1 ml added unless otherwise noted

***Enter number of containers supplied by the laboratory for the test (e.g., 3 for volatile organics, etc.)

DEP Bureau of Laboratories Water Sample Collection Record

(Use with FDEP SOP-001/01 Form FD 9000-3 Physical/Chemical Characterization Field Sheet)

FDEP FORM FD 9000-3: PHYSICAL/CHEMICAL CHARACTERIZATION FIELD SHEET

SAMPLE ID _____ ORG ID _____ LATITUDE 30°28'36.5"N
 COUNTY Jefferson STORET # 22030061 LONGITUDE 84°00'24.7 W
 DATE 10/1/2015 TIME 1400 SAMPLING AGENCY FDEP
 SITE NAME Lloyd Creek
 FIELD ID/NAME LloydRef RECEIVING BODY OF WATER St. Marks

RIPARIAN ZONE / STREAM FEATURES

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 5 m wide 0.18 m/s 0.18 m/s 0.2 m/s _____ m deep _____ m deep _____ m deep
Width of Riparian Vegetation (m) on Each Buffer Side Left Bank: <u>718</u> Right Bank: <u>718</u>				Hydrologic Modification Score (per FT 3101) ☐				
High Water Mark: _____ + _____ = _____ (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

	% Coverage	INVERT # Times Sampled	PERI # Times Sampled
Woody Debris (Snags)	☐	☐	☐
Undercut Banks / Roots	☐	☐	☐
Leaf Packs or Mat	☐	☐	☐
Aquatic Vegetation	☐	☐	☐
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:	<u>0.5m</u>	<u>24.0</u>	<u>6.8</u>	<u>43.6</u>	<u>518%</u>	<u>71</u>	<u>0.03</u>	☐
Mid:	☐	☐	☐	☐	☐	☐	☐	☐ VOB
Bottom:	☐	☐	☐	☐	☐	☐	☐	☐ TOTAL DEPTH
Meter ID:	<u>YSI #7</u>							<u>0.5</u>

Water Odors Normal ☒ Petroleum ☐
 Sewage ☐ Chemical ☐ Other ☐

Water Sample Taken? ☒ Yes ☐ No
Sample Preserved? ☒ Yes ☐ No
 Lot Number: SA-5113230 Exp: 4/23/16

Algae Sample Taken? ☐ Yes ☒ No
Sample 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:	☒	☐	☐	☐

System Type: Stream ☒ Lake ☐ Wetland ☐ Estuary ☐ Other(Specify) ☐

AMBIENT FIELD CONDITIONS / NOTES:

sun warm ~80°
did not do SCI, water levels low
much habitat out of water
despite only 1 major
productive (snags)
☒ The antecedent hydrologic conditions have been met to my best knowledge.

SAMPLING TEAM

O'Neal, Olney, Rankin

SIGNATURE:

Ashley O'Neal

DATE:

10/1/2015

DEP-SOP-001/01: Form FD 9000-5
STATE OF FLORIDA, DEPARTMENT OF ENVIRONMENTAL PROTECTION
STREAM/RIVER HABITAT ASSESSMENT FIELD SHEET

SUBMITTING AGENCY CODE: _____		STORET STATION NUMBER: <u>22030061</u>	DATE (MM/DD/YY): <u>10/1/15</u>	RECEIVING BODY OF WATER: <u>St. Marks</u>
SUBMITTING AGENCY NAME: _____		REMARKS: <u>snags = 1 major</u>		COUNTY: <u>Jefferson</u>
LOCATION: <u>Lloyd Creek</u>		FIELD ID/NAME: <u>Lloydref</u>		

Habitat Parameter	Optimal	Suboptimal	Marginal	Poor
Primary Habitat Components <u>snags only</u> Substrate Diversity <u>5</u>	Four or more major productive habitats present (snags, tree roots, aquatic vegetation, leaf packs (partially decayed), rock) 20 19 18 17 16	Three major productive habitats present. Adequate habitat. Some substrates may be new fall (fresh leaves or snags) 15 14 13 12 11	Two major productive habitats present. Less than desirable habitat, frequently disturbed or removed 10 9 8 7 6	One or less major productive habitat. Lack of habitat is obvious, substrates unstable or smothered <u>5</u> 4 3 2 1
Substrate Availability <u>3</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 <u>3</u> 2 1
Water Velocity <u>13</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 <u>13</u> 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 <u>0.03</u> 0.01 <0.01 5 4 3 2 1
Habitat Smothering <u>17</u> ----- Primary Score <u>36</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 Artificial Channelization <u>20</u>	Expected sinuosity given the stream width. No evidence of dredging or artificial straightening. No spoil banks. <u>20</u> 19 18 17 16	Good sinuosity within old channelized area. Evidence of dredging in the past (>25 yrs) but mostly recovered. 15 14 13 12 11	Straightened with trapezoidal cross section, but has a small degree of sinuosity developed within channelized area. 10 9 8 7 6	Straightened or engineered by dredging, has trapezoidal or box cut cross section, lacks required pools. May have spoil banks. 5 4 3 2 1
Bank Stability Right Bank <u>5</u> Left Bank <u>5+</u>	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. <u>5</u> 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 Right Bank <u>10</u> Left Bank <u>10</u>	Width of vegetation greater than 18 m <u>10</u> 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 Right Bank <u>9</u> Left Bank <u>9</u> ----- Secondary Score <u>68</u>	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. 10 <u>9</u>	>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

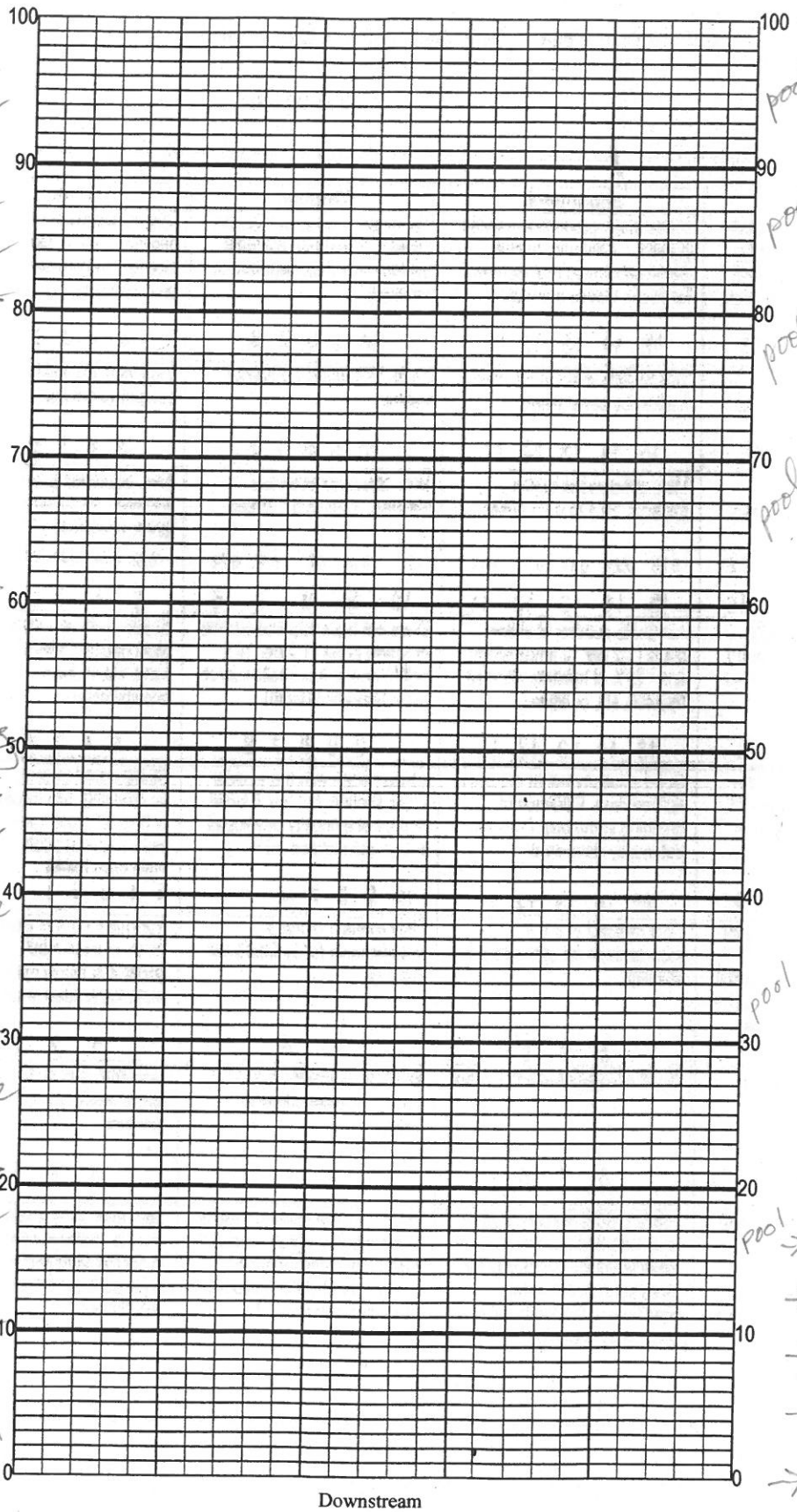
106 **TOTAL SCORE**

Date: <u>10/1/2015</u>	Analyst: <u>O'Neal</u>	Signature: <u>Ashley O'Neal</u>
------------------------	------------------------	---------------------------------

DEP-SOP-001/01 Form FD 9000-4
Stream/River Habitat Sketch Sheet

2.5 to 6 m width

1/50
500 100
10 300
S1
R1
L1
S2
R2
L2
S3
R3
L3
S4
R4
L4
S5
R5
L5
S6
R6
L6
S7
R7
L7
S8
R8
L8
S9
R9
L9
S10
R10
L10
S11
R11
L11
S12
R12
L12
S13
R13
L13
S14
R14
L14
S15
R15
L15
S16
R16
L16
S17
R17
L17
S18
R18
L18
S19
R19
L19
S20
R20
L20
S21
R21
L21
S22
R22
L22
S23
R23
L23
S24
R24
L24
S25
R25
L25
S26
R26
L26
S27
R27
L27
S28
R28
L28
S29
R29
L29
S30
R30
L30
S31
R31
L31
S32
R32
L32
S33
R33
L33
S34
R34
L34
S35
R35
L35
S36
R36
L36
S37
R37
L37
S38
R38
L38
S39
R39
L39
S40
R40
L40
S41
R41
L41
S42
R42
L42
S43
R43
L43
S44
R44
L44
S45
R45
L45
S46
R46
L46
S47
R47
L47
S48
R48
L48
S49
R49
L49
S50
R50
L50
S51
R51
L51
S52
R52
L52
S53
R53
L53
S54
R54
L54
S55
R55
L55
S56
R56
L56
S57
R57
L57
S58
R58
L58
S59
R59
L59
S60
R60
L60
S61
R61
L61
S62
R62
L62
S63
R63
L63
S64
R64
L64
S65
R65
L65
S66
R66
L66
S67
R67
L67
S68
R68
L68
S69
R69
L69
S70
R70
L70
S71
R71
L71
S72
R72
L72
S73
R73
L73
S74
R74
L74
S75
R75
L75
S76
R76
L76
S77
R77
L77
S78
R78
L78
S79
R79
L79
S80
R80
L80
S81
R81
L81
S82
R82
L82
S83
R83
L83
S84
R84
L84
S85
R85
L85
S86
R86
L86
S87
R87
L87
S88
R88
L88
S89
R89
L89
S90
R90
L90
S91
R91
L91
S92
R92
L92
S93
R93
L93
S94
R94
L94
S95
R95
L95
S96
R96
L96
S97
R97
L97
S98
R98
L98
S99
R99
L99
S100
R100
L100



Location: Lloyd Creek
Date: 10/1/15
Sampler: A. O'Neal

100 m: Latitude 30°28'36.5"N
Longitude 84°00'24.7"W

0 m: Latitude _____
Longitude _____

Substrates: Code key, draw proportionate habitat abundance.

Code	Description	Abundance
<u>S</u>	Snags	<u>11.5 m²</u>
<u>R</u>	Roots/undercut banks	<u>1.5 m²</u>
<u>L</u>	Leaf Packs (or mats)	<u>4 m²</u>
<u> </u>	Aquatic Macrophytes	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u>7</u>	Pools	total # observed = <u> </u> # range expected = <u> </u>

Average width 5 m
Average depth 0.2 m

Velocity measured at 100 meter mark.

WQ & chemistry taken at 0 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:

- water levels low at site
- much habitat out of water
- lots of mikania / conoclinium on banks
- mostly herbaceous roots
- some woody roots, very smothered
- some smothered snags
- very little leaf

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

22m² veg

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.

Revision Date: March 1, 2014

stop Lloyd Creek

STORET

22030061

FDEP FORM 9000-25: RAPID PERIPHYTON SURVEY FIELD SHEET

Site: Lloyd Creek				County: Jefferson				Date: 10/11/15				Investigators: L. OLNEY, J. TOBE, A. DAVIS			
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	Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N - 6, X)	Estimated	Canopy Cover	
0	1	N			40	1	N			80	1	N			
	2	N				2	N				2	N			
	3	N				3	N				3	N			
	4	N				4	N				4	N			
	5	N		76		5	N				5	N			
	6	N				6	N				6	N			
	7	N				7	N				7	N			
	8	N				8	N				8	N			
	9	N				9	N				9	N			
10	1	X			50	1	N			90	1	N			
	2	N				2	N				2	N			
	3	N				3	N				3	N			
	4	N				4	N				4	N			
	5	N		30		5	N				5	N			
	6	N				6	N				6	N			
	7	N				7	N				7	N			
	8	N				8	N				8	N			
	9	N				9	N				9	N			
20	1	N			60	1	N			100	1	N			
	2	N				2	N				2	N			
	3	N				3	N				3	N			
	4	N				4	N				4	N			
	5	N		30		5	N				5	N			
	6	N				6	N				6	N			
	7	N				7	N				7	N			
	8	N				8	N				8	N			
	9	N				9	N				9	N			
30	1	N			70	1	N			95	1	N			
	2	N				2	N				2	N			
	3	N				3	N				3	N			
	4	N				4	N				4	N			
	5	N		28		5	N				5	N			
	6	N				6	N				6	N			
	7	N				7	N				7	N			
	8	N				8	N				8	N			
	9	N				9	N				9	N			

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

Secchi depth: _____

Check accompanying data collected at same site/date.

Algal mat sample ☒

Habitat Assessment ☒

Linear Veg. Survey ☒

SCI/Biorecon (circle 1) ☒

Water sample ☒

RD: 2015-08-31-62

# points ranked 4-6	8
total points assessed	99
% points ranked 4-6	8

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 densimeter quadrants (out of 96) that HAVE canopy cover. Measure facing upstream at point 4, 5, or 6.

Collect an 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%.

NO SCI
water level
habitat out of water
snags only

96
-16
80

96
-20
76

96
-12
84

215
x4
860

Event ID *

Requester: Larry Olney

Requester: Larry Olney

Collected By: Olney, O'Neal, Rankin

Field Report Prepared By: Ashley

Send Final Report To: Joy Jackson

Customer: BSSP

Project ID: SCIREF

PMA:

Sampling Agency:

Lab ID *	Welaunee Creek		Location		Field ID		Matrix (include type e.g. Salt, Fresh, etc)		Temp (C)		pH		Sample Depth		Collection (comp begin or grab)		Composite end		Eastern		Bottle	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15		10:15		Central		A, B	
	Welaunee Creek		Welaunee Creek		Welaunee Creek		Welaunee Creek		23.1		6.5		0.5		10/15/15							

* Shaded Areas for Lab use only.

** Please see reverse side for Bottle Group information.

last revised October 1, 2003

Group: A	Bottle Type:	PJ-2L	# of Bottles: 4	Preservative:	Formalin	Enter Number of Bottles Sent to Lab
	MI-FW-QLDC					3
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	2
	CHLSUITE-W					
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative:	ICE	2
	ECOLI-18QT					
Group: B	Bottle Type:	P-120ML-OC	# of Bottles: 2	Preservative:	ICE	2
	FCOLI-MF					
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	2
	TURBIDITY					
	W-ALK					
	W-COLOR					
	W-TDS					
	W-TSS					
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4		2
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	2
	W-SUC-AA-R					

Group B QPCR

bottles: 4 Preserv.: ICE

Bottles
sent to Lab

4