



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End
of Day CCV
☒ Yes / No

WIN Station Name: Mcdavid Creek 100 M Upstream Sr99 **Date:** 12/15/2020
WIN/Field ID: G5NW0150 **WBID:** 149 **ENR:** **Latitude:** 30.73974078
County: ESCAMBIA **Org ID:** 21FLPNS **Longitude:** -87.44805258
Receiving Body of Water: Perdido **RQ:** 2020-10-26-46

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	Heather Schmuki	x		x		
☒	Frank Butera		x		x	x
☐						
☐						

Sampling Equipment	
☒ Sample Container	☐ Carboy
☐ Dipper	☐ Van Dorn
☒ Syringe	☐ Pole
Depth measured with: Meter	
Secchi Equipment ID:	
Collection Method	
☒ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other _____	☐ Gasoline Motor

Water Level: ☒ Normal ☐ Low ☐ High ☐ Dry ☐ Pooled ☐ Flooded						Meter ID# 155077 (PRODSS)							
Photos: NO		Flow: FLOW		Tide:		Tide Times: High: Low:							
Biological Samples Collected: ☐ None ☒ HA ☒ SCI ☒ RPS ☐ Algae ID ☐ LVS ☐ LVI Other:													
SBIO ID Numbers:													
Notes:													

Duplicate Sample

Time Zone: CEN	Time: N/A	Field ID: N/A	(WIN ID_DUP)
WIN DMT Activity ID: _____			

Blank

Time Zone: _____	Time: N/A	Field ID: N/A	(Blank Type_DDMMYYYY)
DI Source: N/A		Location: N/A	
DI Type: N/A		Equipment ID: N/A	

LIMS EVENT ID: _____ WIN Import ID: _____
Enter Field Parameters, Verify Station ID In LIMS DMT: _____ QC Station ID, Field Parameters In LIMS DMT: _____
(Initials/Date) (Initials/Date)
Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data In WIN: _____
(Initials/Date) (Initials/Date) (Initials/Date)



RQ-2020-10-26-46

Customer: WQAP

Project ID: SMP

Collected By: Heather Schmuki, Frank Butera

Field Report Prepared By: Heather Schmuki

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G5NW0150

Location: Mcdavid Creek 100 M Upstream Sr99

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: Fresh

(Check one)

☒ GRAB☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTH)
12/15/2020	950 CEN	9.43	89.4	13.2	4.26	0.25	0.47 ☒ VOB (S)	0.47	22.7	0.01

Central Lab please use top row for login purposes

	CEN									

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☐ H2SO4*	☒ <2	1	A
	Lot # Sa9354050 Exp: 12/20/20				
Metals (P-500ML)	☒ W-ICPMS ☒ W-ICP ☒ W-HARD	☒ Ice ☒ HNO3*	☒ <2	1	A
	Lot # Na9364060 Exp: 12/20/20				
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice		1	A
	Filter Lot # 17097890				
	Syringe Lot # 0079929				
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	A
Physical/Aggregate (Fresh) (P-1L)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice		1	A
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☒ MI-FW-QLDC	☒ Formalin		3	
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E Coli ☐ F Coli ☐ Enterococci ☒ Contract Lab	☒ Ice		1	A
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☒ WE8321-MS ☒ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)	☒ Ice		5	A
		☐ Ice			

Name:
Heather Schmuki
Frank Butera

Signature:

Date:

12/15/2020

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

SAMPLE ID 81701 ORG ID 21FLPNS LATITUDE 30.47423 30.73974 (FB)
 COUNTY Escambia WIN ID/STORET # G5NW0150 LONGITUDE 87.448057
 DATE 12/15/2020 TIME 9:50 CTZ SAMPLING AGENCY FL DEP - NWROC
 SITE NAME McDavid Creek 100 m upstream SR99 RQ-2020-10-26-46
 FIELD ID/NAME G5NW0150 RECEIVING BODY OF WATER: Perdido River WBID 149 Project: Ecogeg Ref Streams

RIPARIAN ZONE / STREAM FEATURES

LIMS 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) <u>1.49</u> <u>5910</u> <u>2010</u> <u>33010054</u>	
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>5</u> m wide <u>0.33</u> m/s <u>0.6</u> 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) <u>1-2</u>					
High Water Mark: <u>73.0</u> + <u>71.5</u> = <u>74.5</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>19.8</u> <u>5</u> Undercut Banks / Roots <u>1.4</u> <u>5</u> Leaf Packs or Mat <u>2.4</u> <u>5</u> Aquatic Vegetation <u>0.1</u> <u>2</u> Rock or Shell Rubble.. <u>76.3</u> <u>3</u> 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>0.25</u> <u>13.2</u> <u>4.26</u> <u>9.83</u> <u>89.4</u> <u>22.7</u> <u>0.01</u> <u>0.5</u> Mid: <u>0.5</u> Bottom: <u>0.6</u> Meter ID: <u>155077</u>					
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: ☒ ☐ ☐ ☐			System Type: Stream ☒ Lake ☐ Wetland ☐ Estuary ☐ Other(Specify) ☐					
AMBIENT FIELD CONDITIONS / NOTES: <u>< 2m² Vegetation. LVS not conducted.</u> <u>For Veg. habitat was forints, macrods.</u> <u>not vascular plant</u> ☒ The antecedent hydrologic conditions have been met to my best knowledge.								
SAMPLING TEAM: Frank Butera, <u>Heather Schunk</u>			SIGNATURE: <u>[Signature]</u>			DATE: <u>12/15/2020</u>		

Stream/River Habitat Sketch Sheet, Form FD 9000-4 (June 1, 2001)

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

100 BF		Snag	_____
%S		Root	_____
Vg		LP	_____
90 BF		Plant	_____
%S		OTR	_____
Vg		Snag	_____
80 BF		Root	_____
%S		LP	_____
Vg		Plant	_____
70 BF		OTR	_____
%S	Snag	_____	
Vg	Root	_____	
60 BF	LP	_____	
%S	Plant	_____	
Vg	OTR	_____	
50 BF	Snag	8	
%S	Root	2.0	
Vg	LP	0.3	
40 BF	Plant	0.6	
%S	OTR	_____	
Vg	Snag	_____	
30 BF	Root	10	
%S	LP	_____	
Vg	Plant	_____	
20 BF	OTR	_____	
%S	Snag	_____	
Vg	Root	_____	
10 BF	LP	_____	
%S	Plant	_____	
Vg	OTR	_____	

Left Bank

Downstream

WIN ID G5NW0150

Substrates: Code key, draw proportionate habitat abundance.



Snags



Roots/undercut banks



Leaf Packs (or mats)



Macrophytes



Velocity:

Note where velocity measures were taken. 70 m

Habitat Smothering:

Note areas (on map) where sand or silt is something 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.

Average width 5.1 m

Average depth 0.8 m

WQ & chemistry taken @ 0 m

McDavid Creek 100M upstream
SR99

Project. Reference Streams

Sampled By/Date: 12/15/2020

FB, HS

0 m Latt. 30.73932

0 m Long. 87.44823

100 m Latt. 30.7960

100 m Long. 87.44780

0-10 meter [A]	Habitat Area (M)	Left Bank	Right Bank
	Snag 5.0	Bankfull	Bankfull
0m width (m) 5.5	Root 2.0	+	-
10m width 5.5	Leaf 0.5	Slope	Slope
Avg. Depth 0.6	Veg	+	+
Max Depth 0.8	Gravel	Veg	Veg
Rip. Buff L 713	Rock	+	+
Rip. Buff R 714			

10-20 meter [B]	Habitat Area (M)	Left Bank	Right Bank
	Snag 3	Bankfull	Bankfull
20m width 5.4	Root 1.4	+	+
	Leaf 2.4	Slope	Slope
Avg. Depth 0.6	Veg 0.1	+	+
Max Depth 0.9	Gravel	Veg	Veg
Rip. Buff L 713	Rock	+	+
Rip. Buff R 713			

20-30 meter [C]	Habitat Area (M)	Left Bank	Right Bank
	Snag 10	Bankfull	Bankfull
30m width 5.0	Root 0.5	+	+
	Leaf 5.0	Slope	Slope
Avg. Depth 0.8	Veg 0.1	+	+
Max Depth 71.5	Gravel	Veg	Veg
Rip. Buff L 713	Rock	+	+
Rip. Buff R 713			

30-40 meter [D]	Habitat Area (M)	Left Bank	Right Bank
	Snag 6.0	Bankfull	Bankfull
40m width 5.0	Root 0.5	-	+
	Leaf 1.0	Slope	Slope
Avg. Depth 1.0	Veg	+	+
Max Depth 71.5	Gravel	Veg	Veg
Rip. Buff L 713	Rock	+	+
Rip. Buff R 713			

40-50 meter [E]	Habitat Area (M)	Left Bank	Right Bank
	Snag 6.0	Bankfull	Bankfull
50m width 6.0	Root 0.5	-	+
	Leaf 0.2	Slope	Slope
Avg. Depth 1.0	Veg 0.4	-	+
Max Depth 71.5	Gravel	Veg	Veg
Rip. Buff L 713	Rock	+	+
Rip. Buff R 713			

50-60 meter [F]	Habitat Area (M)	Left Bank	Right Bank
	Snag 1.0	Bankfull	Bankfull
60m width 5.0	Root 0.5	+	+
	Leaf 0.2	Slope	Slope
Avg. Depth 1.0	Veg	+	+
Max Depth 71.5	Gravel	Veg	Veg
Rip. Buff L 713	Rock	+	+
Rip. Buff R 713			

60-70 meter [G]	Habitat Area (M)	Left Bank	Right Bank
	Snag 10.0	Bankfull	Bankfull
70m width 5.0	Root 0.5	+	-
	Leaf 1.0	Slope	Slope
Avg. Depth 0.6	Veg	+	+
Max Depth 0.8	Gravel	Veg	Veg
Rip. Buff L	Rock	+	+
Rip. Buff R			

70-80 meter [H]	Habitat Area (M)	Left Bank	Right Bank
	Snag 25	Bankfull	Bankfull
80m width 6.0	Root 0.5	+	+
	Leaf 1.0	Slope	Slope
Avg. Depth 0.6	Veg	+	+
Max Depth 0.9	Gravel	Veg	Veg
Rip. Buff L 713	Rock	+	+
Rip. Buff R 713			

80-90 meter [I]	Habitat Area (M)	Left Bank	Right Bank
	Snag 12	Bankfull	Bankfull
90m width 4.0	Root 0.5	+	+
	Leaf 0.3	Slope	Slope
Avg. Depth 0.6	Veg	+	+
Max Depth 0.9	Gravel	Veg	Veg
Rip. Buff L 713	Rock	+	+
Rip. Buff R 713			

90-100 meter [J]	Habitat Area (M)	Left Bank	Right Bank
	Snag 6.0	Bankfull	Bankfull
100m width 5.0	Root 0.5	-	+
	Leaf 0.5	Slope	Slope
Avg. Depth 0.8	Veg	+	-
Max Depth 1.0	Gravel	Veg	Veg
Rip. Buff L	Rock	+	+
Rip. Buff R			

McDavid Creek 100 m upstream SR99

Storet: G5NW0150

Date 12/15/2020

0 meter (Dec Deg)

30.73932

87.44823

100 meter (Dec Deg)

30.7960

87.44780

Water Quality Measured at 0m

Stream Velocity and location.

3.0 m/s 74 meter mark

33

Number of Pools & Location

2 (B-C), (H-I)

High Water: 73.0 (A)

Silt smothering @

5 I (B)

Sand Smothering @

(B) I

Algae Smothering @

Degraded Banks @

5 I FB

Fe/Sulfur Bact. @

Total Habitat	Sq. Meters	Percent
Snags	101	19.8
Roots	7	1.4
Leaf	12.2	2.4
Veg	0.6	0.1
Rock		
Gravel		
Sand	389.2	76.3
Other		
Sum 1° Habitat		23.7

Avg. Depth	Max. Depth	Avg. Width
0.8	71.5	5.1

Bank Stability Score. Left Bank 2.5 Right Bank 2.6 Category Left Bk Sub Optimal Right Bk Optimal

Add all plus signs (Max. 30 possible) and Divide by 10. Scoring. Poor: 0.0 - 0.9 pts. Marginal: 1.0-1.9 pts. Suboptimal: 2.0-2.9 Optimal: 3.0-3.9

Notes.

2.5 2.5

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

SAMPLING AGENCY: 21FLPNS		STORET STATION NUMBER: G5NW0150	DATE (MM/DD/YYYY): <u>12/15/20</u>	RECEIVING BODY OF WATER: Perdido River
REMARKS:	COUNTY: Escambia	LOCATION: Black Ck Upstream of Hwy 20		FIELD ID/NAME: G5NW0150
WBID 149				

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>12</u>	20 19 18 17 16	15 14 13 <u>12</u> 11	10 9 8 7 6	5 4 3 2 1
Substrate Availability <u>13</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 <u>13</u> 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>24</u>	Max. observed at typical transect: > 0.25 m/sec. But < 1 m/sec ≥0.33 0.31 0.29 0.27 >0.25 <u>20</u> 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>18</u> ----- Primary Score <u>63</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>24</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>9</u> Left Bank <u>8</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>77</u>	10 9	8 7 6	5 4	3 2 1

140 **TOTAL SCORE**

Date: <u>12/15/20</u>	Analyst: <u>F. Butera</u>	Signature: 
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SBIO ID: 81701

HA ID: 16712

62-160.800, F.A.C.

Revision Date: March 1, 2014

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: McDavid Creek 100 m upstream SR99

County:
Escambia

Date:
12/15/2020

Investigators: F. Butera

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	No	72	60	1	N	No	90
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
10	1	N	No	95	70	1	N	No	91
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
20	1	N	No	50	80	1	N	No	96
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
30	1	N	No	96	90	1	N	No	96
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
40	1	N	No	90	100	1	N	No	90
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
50	1	N	No	96		1	N	No	
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								

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%.

STORET Station Number:
G5NW0150

Secchi depth 100
Estimated? No

points ranked 4-6 0
total points assessed 99
% points ranked 4-6 0

Check accompanying data collected at same site/date.

Algal mat sample	
Linear Veg Survey	MA
Habitat Assessment	✓
SCI/Biorecon	✓
Water sample	✓

RQ-2020-10-26-46

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

SBIO Visit ID. 81701

RPS ID. 9628

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

Storet Number: G5NW0150

Signature: _____

Comments: $< 2m^2$ vegetation. LVS not appropriate

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.

[illegible]

VPDB ID

Revision Date: March 1, 2014