

Site Name Turkey Creek above Williams Road

Date: 04/18/2019

Field ID G4NW0409 Storet G4NW0409

Project: SMP

Visit ID 79342

RQ: 2019-03-11-27

RPS ID 9300

LIMS ID: _____

Macro ID N/A

WBID: 117

HA ID 15733

☒ SCI

☐ RPS/LVS Only

☒ Sample Site Created in SBIO

☒ Phys/Chem entered in SBIO

☒ HA entered in SBIO

Initial FB 04/18/2019

☐ Date and Initial QA: _____

☒ RPS entered in SBIO

Initial FB 04/18/2019

☐ Date and Initial QA: _____

☐ LVS entered in SBIO

Initial _____

☐ Date and Initial QA: _____

☒ < 2 m² vegetation

☐ Plants getting verified

Date submitted: _____

☐ Plants verified

Date returned: _____

☐ RPS authorized in SBIO

☐ Date and Initial: _____

☐ RPS score: _____

☐ VPDB authorized in SBIO

☐ Date and Initial: _____

☐ VPDB score: _____

☐ SCI complete: _____

SCI Score: _____

☒ If SMP, scanned into database



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?
Yes ☒ No ☐

WIN Station Name: Turkey Creek above Williams Road

WIN/ Field ID: G4NW0409

WBID: 117

Latitude: 30.805054

(mm/dd/yyyy)

County: Okaloosa

ORG ID: 21FLPNS

Longitude: -86.256097

(Decimal Degrees)

Receiving Body of Water: Shoal River

RQ-2019-03-11-27

(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jimmy P. HS Freddie Bullock Myranda Clark									

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

Collection Method				
☒ Wading	☐ Canoe/Kayak			
☐ From Shore	☐ Electric Motor			
☐ Other	☐ Gasoline Motor			

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Photos: ☒ Yes ☐ No

Flow: No Flow / Intertidal / Flowing / NA

Meter ID#

Matrix: Fresh Marine / DI

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
EST	10:05	0.3	0.15	VOG	8.96	94.8	5.87	0.01	32.4	18.2
<u>CEN</u>										

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

SBIO ID Numbers: SBIO-ID: 79342 HA-ID: 15733 RPS-ID: 9300 Macrophyte-ID: P/A LIMS#:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4	<u>SA8197090</u>	<u>7/16/19</u>	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	<u>PA834450</u>	<u>10/10/19</u>	☒ <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-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☒ ML-FW-QLDC	☒ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BACR ☐ PCR-GULL2	☐ Ice			
	☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides	☒ W-PSNP-TQ ☐ W-CT-CL-R ☒ W-E8321-DI	☒ Ice			
	☐ W-PCL-SQ-R ☒ W-E8321-MS ☐ W-CARB-AA				
Phytoplankton	☐ QTY-QN-C ☐ PKD-QN-C				

Place Preservative Sticker(s) Here (If Available)

Notes: <2m² Vegetation, LVS NOT appropriate

Field/WIN ID



G4NW0409

Location:
Turkey Creek above Williams Road

Signature: [Signature]

Date: 4/18/2019

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)

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

SAMPLE ID 79342 ORG ID 21 FL PWS LATITUDE 30.805054
COUNTY OKALAWA STORET # 64NW0409 LONGITUDE 86.256097
DATE 4/18/2019 TIME 10:05 SAMPLING AGENCY FL DEP NWROC
SITE NAME Turkey Creek above Williams Rd
FIELD ID/NAME 64NW0409 RECEIVING BODY OF WATER Shoal River

RIPARIAN ZONE / STREAM FEATURES EQ-2019-03-11-27 WBID 117

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>N/A</u>
Local Watershed Erosion (select one): ☐ None ☐ Slight ☐ Moderate ☒ Heavy Local Watershed NPS Pollution: ☐ No evidence ☒ Slight ☐ Moderate ☐ Heavy								
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>3-4</u>		Typical Width (m) Depth (m)/Velocity (m/sec) Transect <u>50 m</u> <u>11</u> m wide <u>0.2</u> m/s <u>0.2</u> m/s <u>0.2</u> m/s		
High Water Mark: <u>3.44</u> + <u>0.7</u> = <u>3.7</u> (m) (above present water level) (present depth) (above bed)				Artificially Impounded ☐ Yes ☒ No		<u>0.2</u> m deep <u>0.4</u> m deep <u>0.1</u> m deep		
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 ☐ BioRecon ☒ < 2 m ² SAV Woody Debris (Snags)... <u>.05</u> <u>7</u> Undercut Banks / Roots <u>.001</u> <u>45</u> Leaf Packs or Mat <u>.003</u> <u>7</u> Aquatic Vegetation <u></u> <u></u> Rock or Shell Rubble <u></u> <u></u> Sand <u>99</u> <u>1</u> Mud / Muck / Silt <u></u> <u></u> Other <u></u> <u></u> Other <u></u> <u></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>0.3</u> <u>18.2</u> <u>5.87</u> <u>8.96</u> <u>94.8</u> <u>32.4</u> <u>0.01</u> <u>0.3</u> Mid: <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> Bottom: <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> Meter ID: <u></u> Meter verify? ☐ Yes ☐ No <u>0.3</u> Water Odors Normal ☒ Petroleum ☐ Sewage ☐ Chemical ☐ Other ☐ Water Sample Taken? ☒ Yes ☐ No Sample Preserved? ☒ Yes ☐ No Lot Number: <u></u> Exp: <u></u> Algae Sample Taken? ☐ Yes ☒ No Sample Preserved? ☐ Yes ☐ No Lot Number: <u></u> Exp: <u></u> 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: ☒ The antecedent hydrologic conditions have been met to my best knowledge.					

SAMPLING TEAM Frank Butler, Jimmy Pitts, Myrle Clark SIGNATURE: [Signature] DATE: 04/18/2019

100 BF %S Vg		Snags Roots LP Plants Other
90 BF %S Vg		Snags Roots LP Plants Other
80 BF %S Vg		Snags Roots LP Plants Other
70 BF %S Vg		Snags Roots LP Plants Other
60 BF %S Vg		Snags Roots LP Plants Other
50 BF %S Vg		Snags Roots LP Plants Other
40 BF %S Vg		Snags Roots LP Plants Other
30 BF %S Vg		Snags Roots LP Plants Other
20 BF %S Vg		Snags Roots LP Plants Other
10 BF %S Vg		Snags Roots LP Plants Other

LOCATION:

Turkey Ck Williams Rd

Substrates: Code key, draw proportionate habitat abundance.

- 1 Snags $56/1120 = .05\%$
- 5 Roots/undercut banks $1.6/1120 = .001\%$
- 0 Leaf Packs (or mats) $3.7/1120 = .003\%$
- Δ Macrophytes
- ⊖ Sand Bar
- ⊙ Pool
- ⊕ Silt
- ⊗ Iron/Silver
- ⊖ = Erosion

Velocity:

Note where velocity measurements were taken. 50 m

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:

B/G Blue Green
G4NW0409
SB10 ZD 79342
04/18/2019
FB

Signature: [Signature] Date: 4/18/19

GUNW0409

0-10 meter [A]	Habitat Area (M)	Left Bank	Right Bank
	Snag 8	Bankfull	Bankfull
0m width (m) 8.5	Root	—	—
10m width 8.5	Leaf 0.6	Slope	Slope
Avg. Depth .2	Veg	+	—
Max Depth .4	Gravel	Veg +	Veg +
Rip. Buff L 718	Rock		
Rip. Buff R 718	E, Fe, Si, A		

10-20 meter [B]	Habitat Area (M)	Left Bank	Right Bank
	Snag 10	Bankfull	Bankfull
20m width 11	Root .3	—	—
	Leaf 1.0	Slope	Slope
Avg. Depth .3	Veg	—	—
Max Depth 0.7	Gravel	Veg	Veg +
Rip. Buff L 718	Rock	—	+
Rip. Buff R 718	E, Fe, Si, A		

20-30 meter [C]	Habitat Area (M)	Left Bank	Right Bank
	Snag 17	Bankfull	Bankfull
30m width 15	Root 0.2	—	—
	Leaf 0.5	Slope	Slope +
Avg. Depth 0.2	Veg	—	—
Max Depth 0.7	Gravel 0.5	Veg	Veg +
Rip. Buff L 718	Rock	—	+
Rip. Buff R 718	E, Fe, Si, A		

30-40 meter [D]	Habitat Area (M)	Left Bank	Right Bank
	Snag 0.5	Bankfull	Bankfull
40m width 11	Root 0.1	—	—
	Leaf 0.2	Slope	Slope
Avg. Depth 0.2	Veg	+	—
Max Depth 0.3	Gravel 2.0	Veg	Veg
Rip. Buff L 718	Rock	+	+
Rip. Buff R 718	(S) (S) (S) (S)		

40 - 50 meter [E]	Habitat Area (M)	Left Bank	Right Bank
	Snag 0.5	Bankfull	Bankfull
50m width 11	Root	—	—
	Leaf 0.2	Slope	Slope
Avg. Depth 0.2	Veg	+	—
Max Depth 0.4	Gravel	Veg	Veg +
Rip. Buff L 710	Rock	+	+
Rip. Buff R 710	Si, Fe, A		

50-60 meter [F]	Habitat Area (M)	Left Bank	Right Bank
	Snag 14	Bankfull	Bankfull
60m width 11	Root 0.1	—	—
	Leaf 0.5	Slope	Slope
Avg. Depth 0.3	Veg	—	—
Max Depth 0.4	Gravel	Veg +	Veg +
Rip. Buff L 718	Rock		
Rip. Buff R 718	(S) (S) (S) (S)		

60-70 meter [G]	Habitat Area (M)	Left Bank	Right Bank
	Snag	Bankfull	Bankfull
70m width 9m	Root .3	—	—
	Leaf	Slope	Slope
Avg. Depth 0.3	Veg	—	—
Max Depth 0.4	Gravel	Veg +	Veg +
Rip. Buff L 718	Rock	+	+
Rip. Buff R 718	(S) (S) (S) (S)		

70-80 meter [H]	Habitat Area (M)	Left Bank	Right Bank
	Snag	Bankfull	Bankfull
80m width 9	Root 0.2	—	—
	Leaf	Slope	Slope
Avg. Depth 0.3	Veg	—	—
Max Depth 0.5	Gravel	Veg +	Veg +
Rip. Buff L 718	Rock	+	+
Rip. Buff R 718	(S) (S) (S) (S)		

80-90 meter [I]	Habitat Area (M)	Left Bank	Right Bank
	Snag 4.0	Bankfull	Bankfull
90m width 9	Root 0.1	—	—
	Leaf 0.5	Slope	Slope
Avg. Depth 0.3	Veg	+	—
Max Depth 0.5	Gravel	Veg	Veg
Rip. Buff L 718	Rock	+	+
Rip. Buff R 710	(S) (S) (S) (S)		

90 - 100 meter [J]	Habitat Area (M)	Left Bank	Right Bank
	Snag 2.0	Bankfull	Bankfull
100m width 9	Root 0.3	+	—
	Leaf 0.2	Slope	Slope
Avg. Depth 0.3	Veg	+	—
Max Depth 0.3	Gravel 0.5	Veg	Veg +
Rip. Buff L 718	Rock	—	+
Rip. Buff R 718	(S) (S) (S) (S)		

Station: Turkey, CA
above willow
Store: GUNW0409
Date 4/18/2019

0 meter (Dec Deg)
30.80512
86.25552
100 meter (Dec Deg)
30.80565
86.25553
Water Quality Measured at

0m
Stream Velocity and location.
0.33 m/s 54 meter mark

Number of Pools & Location 1
B-C

High Water: 73.0

Silt smothering @

A-G

Sand Smothering @

A-J

Algae Smothering @

A-D, F, G

Degraded Banks @

A-C, F-J

Fe/Sulfur Bact. @

A, E

Total Habitat	Sq. Meters	Percent
Snags	56	.05
Roots	1.6	.001
Leaf	3.7	.003
Veg		
Rock		
Gravel	3	
Sand		99.5
Other		
Sum 1° Habitat		.05%

Avg. Depth	Max. Depth	Avg. Width
0.3	0.7	11.2

Bank Stability Score. Left Bank 1.3 Right Bank 0.9 Category Left Bk Marginal Right Bk Poor
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: 2.1 +

Notes. 4pm 25mb. SB10 to 79342

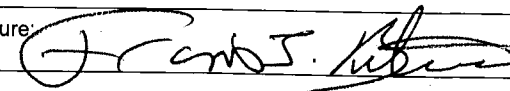
DEP Form FD 9000-5 Stream/River Habitat Assessment Field Sheet

SAMPLING AGENCY: 21FLPNS		STORET STATION NUMBER: G4NW0409	DATE (MM/DD/YY): <u>04/18/19</u>	RECEIVING BODY OF WATER: Shoal River
REMARKS: WBID 117	COUNTY: Okaloosa	LOCATION: Turkey Creek above Williams Road		FIELD ID/NAME: G4NW0409

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>7</u>	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1
Substrate Availability <u>1</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>19</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>11</u> ----- Primary Score <u>38</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 Right Bank <u>4</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. 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 Right Bank <u>10</u> Left Bank <u>10</u>	Width of vegetation greater than 18 m 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 Right Bank <u>9</u> Left Bank <u>9</u> ----- Secondary Score <u>67</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 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

105

TOTAL SCORE

Date: <u>04/18/2019</u>	Analyst: F. Butera, J. Pitts, M. Clark	Signature: 
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SBIO ID: 79342
62-160.800, F.A.C.

HA ID: 15733

Revision Date: March 1, 2014

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: Turkey Ck above W. Trams Rd					County: Ocala Co FL					Date: 4/18/19					Investigators: F. Butera, M. Clark				
STORET Station Number: GYNW0409																			
Transect (m)	Point	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover	Transect (m)	Point	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover										
0	1	N	N0		60	1	N	N0											
	2					2													
	3					3													
	4					4													
	5			88		5				87									
	6					6													
	7					7													
	8					8													
	9					9													
10	1	N	N0		70	1	N	N0											
	2					2													
	3					3													
	4					4													
	5			52		5				96									
	6					6													
	7					7													
	8					8													
	9					9													
20	1	N	N0		80	1	N	N0											
	2					2													
	3					3													
	4					4													
	5			73		5				96									
	6					6													
	7					7													
	8					8													
	9					9													
30	1	N	N0		90	1	N	N0											
	2					2													
	3					3													
	4					4													
	5			83		5				83									
	6					6													
	7					7													
	8					8													
	9					9													
40	1	N	N0		100	1	N	N0											
	2					2													
	3					3													
	4					4													
	5			27		5				21									
	6					6													
	7					7													
	8					8													
	9					9													
50	1	N	N0			1	N	N0											
	2					2													
	3					3													
	4					4													
	5			73		5													
	6					6													
	7					7													
	8					8													
	9					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%.

Secchi depth 2.3
Estimated? N

points ranked 4-6 2
total points assessed 99
% points ranked 4-6 2

Check accompanying data collected at same site/date.
Algal mat sample ☒
Linear Veg Survey ☒
Habitat Assessment ☒
SCI/Biorecon ☒
Water sample ☒
RQ-2019-03-11-27

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

SBID ID 79342
RPS ID 9300

Waterbody: Turkey Ch above Williams Rd	Date: 7/18/19	County: Chatham	Storet Number: 6420000019
Analyst: F. B. Wilson	Signature: 		

Comments: *Red soil vegetation*

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]