

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name DALY CREEK		Waterbody ID Code 444500	Sample ID (YYYYMMDD-CY-FD) 20181003-43-02
Sampling Location under Bridge		Database Key 168363589	
SWIMS Station ID 10016659		SWIMS Station Name DALEY CR. - DALEY CR. AT K	
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) GREEN BAY		Watershed Name LITTLE RIVER	County OCONTO

Sample and Site Descriptors	
Sample Collector (Last Name, First) ANDREW HUDAK	Project Name LITTLE RIVER TWA ASSESSMENT 2018

Sampling Device

D-Frame Kick Net
 Surber Sampler
 Eckman
 Ponar
 Artificial Substrate
 Hess Sampler
 Other: _____

Habitat Sampled

Riffle
 Run
 Pool
 Other
 Shoreline Composite
 Proportionally-Sampled Habitat
 Littoral Zone
 Profundal Zone
 Wetland

Total Sampling Time (min) 6	Estimated Area Sampled (m ²) 10	Number of Samples in Composite 1	Replicate No. <u>1</u> of <u>1</u>
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: TWA

Water Temp. (C) 11.83	D.O. (mg/l) 8.29	D.O. (% sat.) 78.6	pH (su) 7.95	Conductivity (umhos/cm) .540	Transparency (cm) >122
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Water Color <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input checked="" type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input type="checkbox"/> Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) .4	Average Stream Width of reach (m) 8
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): 40 Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): _____
 Sand: 20 Clay: _____ Silt/Muck: 40 Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____

Embeddedness of Substrate at Sample Site (%) 60 Canopy Cover at Sample Site (%) 0

Stream and Watershed Descriptors

N = Not a problem
 U = Uncertain
 PL = Present, Low Impact
 PH = Present, High Impact

Factors that may be influencing Water Resource Integrity		Local	Water-shed	Factors that may be influencing Water Resource Integrity		Local	Water-shed
Biological				Chemical			
Algae: - Diatoms / Periphyton		N	✓	Chlorine		N	✓
- Filamentous Algae		N	✓	Dissolved Oxygen		N	✓
- Planktonic Algae		N	✓	Nutrients (P, N...)		U	PH
Iron Bacteria		U	U	Toxics: - Inorganic (Metals)		N	✓
Macrophytes		✓	✓	- Organic (PCBs, pesticides...)		N	U
Slimes		N	✓	Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion		✓	✓
				Point Source - Specify:		✓	✓
				Pasturing of Livestock:		U	U
Physical				Runoff: - Barnyard		✓	PH
Bank Erosion		N	✓	- Construction		✓	✓
Channelization: - Upstream		N	U	- Cropland		✓	PL
- Downstream		N	✓	- Urban		✓	✓
Hydraulic Scour / Channel Incision		N	✓	Septic Systems		✓	U
Impoundment: - Upstream		N	✓	Tile Drainage - Organic Soils		✓	U
- Downstream		N	✓	- Mineral Soils		✓	U
Low Flow		N	✓	Springs		U	U
Sedimentation		PH	PH	Tributary(s)		U	U
Sludge		N	✓	Wetland		U	U
Thermal		✓	U	Other - Specify:			
Turbidity		N	✓				
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter <i>Sam Camarache</i>	Taxonomist <i>Dimmock, Jeffrey</i>	Estimated Percent of Sample Sorted <i>33%</i>
Date Processed <i>2/25/19</i>	Specimens Saved <i>Subsample archived in ABC until May 2022</i>	

*C2 B2 C3 A2 E2
 24 33 22 31 35 145 total*