

Instructions: Bold fields must be completed.

Station Summary		
Waterbody Name MANLEY CREEK	Waterbody ID Code 1261200	Sample ID (YYYYMMDD-CY-FD) 20170920-57-01
Sampling Location		Database Key 150519188

SWIMS Station ID 10010989	SWIMS Station Name MANLEY CREEK - MANLEY CREEK AT HWY 113 (DNR LAND)		
Latitude 43.398323	Longitude -89.67581	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER WISCONSIN	Watershed Name LAKE WISCONSIN	County SAUK	

Sample and Site Descriptors	
Sample Collector (Last Name, First) JEAN UNMUTH	Project Name SCR LONG-TERM TREND WADEABLE REFERENCE STREAMS

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) 3.0	Estimated Area Sampled (m ²) 3.0	Number of Samples in Composite	Replicate No. _____ of _____
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Reason For Sampling

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

Water Temp. (C) 12.1	D.O. (mg/l) 12.9	D.O. (% sat.) 118	pH (su) 8.1	Conductivity (umhos/cm) 434	Transparency (cm) 105
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Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	Estimated Stream Velocity (m/s) <input checked="" type="checkbox"/> Slow (< 0.15 m/s) <input 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) 0.5	Average Stream Width of reach (m) 1.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): _____ Gravel (ladybug to tennisball): _____

Sand: 10 Clay: _____ Silt/Muck: 10 Overhanging Vegetation: 10

Aquatic Macrophytes: _____ Leaf Snags: 20 Coarse Woody Debris: 50 Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 0 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	N
- Filamentous Algae		N		Dissolved Oxygen		N	N
- Planktonic Algae		N		Nutrients (P, N...)		N	N
Iron Bacteria		N		Toxics: - Inorganic (Metals)		N	N
Macrophytes		N		- Organic (PCBs, pesticides...)			
Slimes		N		Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion		PL	PL
Physical				Point Source - Specify:		N	N
Bank Erosion		PL	PL	Pasturing of Livestock		N	N
Channelization: - Upstream		N	N	Runoff: - Barnyard		N	N
- Downstream		N	N	- Construction		N	N
Hydraulic Scour / Channel Incision		PL	PL	- Cropland		N	N
Impoundment: - Upstream		N	N	- Urban		N	N
- Downstream		N	N	Septic Systems		N	N
Low Flow		N		Tile Drainage - Organic Soils		N	N
Sedimentation		PL	PL	- Mineral Soils		N	N
Sludge		N	N	Springs		N	N
Thermal		N	N	Tributary(s)		N	N
Turbidity		N	N	Wetland		N	N
Other - Specify:				Other - Specify:			

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Murphy Stehler	Taxonomist Dimick Jeffrey	Estimated Percent of Sample Sorted 20%
Date Processed 10/14/18	Specimens Saved Subsample archived in ABL cabinet Jan 2022	

B3 44 A2 45
 A3 42 Total = 131