

Wadeable Macroinvertebrate
Field Data Report

Form 3200-081 (R 8/14)

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Instructions: Bold fields must be completed.

Station Summary

Waterbody Name HAYMEADOW CREEK		Waterbody ID Code 569400	Sample ID (YYYYMMDD-CY-FD) 20160929-21-04
Sampling Location Haymeadow ^{upstream} Browns Rd			Database Key 133634521
SWIMS Station ID 10030155		SWIMS Station Name HAYMEADOW CR (UPSTREAM FROM BROWNS RD)	
Latitude 45.62629	Longitude -88.58816	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) GREEN BAY		Watershed Name UPPER PESHTIGO RIVER	County FOREST

Sample and Site Descriptors

Sample Collector (Last Name, First) JAMES KLOSIEWSKI	Project Name NOR LONG-TERM TREND WADEABLE REFERENCE STREAMS
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Sampling Device

☒ 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) 5	Estimated Area Sampled (m ²) 1	Number of Samples in Composite 4	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: _____

Water Temp. (C) 12.3	D.O. (mg/l) 5.89	D.O. (%sat.) 55.1	pH (su) 7.11	Conductivity (umhos/cm) 184.4	Transparency (cm) >120
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Water Color ☐ Clear ☐ Turbid ☒ Stained	Estimated Stream Velocity (m/s) ☒ Slow (< 0.15 m/s) ☐ Moderate (0.15 m/s - 0.5 m/s) ☐ Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.6 m	Average Stream Width of reach (m) 3 m
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): _____
Sand: _____	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: 100%
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (): _____

Embeddedness of Substrate at Sample Site (%) <u>0</u>	Canopy Cover at Sample Site (%) <u>0</u>
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1 mudminnow collected in kick net. + stickleback

Sunny, 65° air temp

Native snail found

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

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter Cadie Olson	Taxonomist D. Mick Jeffrey	Estimated Percent of Sample Sorted 13%
Date Processed 10/6/17	Specimens Saved Subsample archived in ABL until Dec 2020	

E3: 86 = 142
A1: 56

Taxonomist: Dimick, Jeffrey

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[illegible]