

Instructions: **Bold** fields must be completed.

Station Summary			
Waterbody Name HAYMEADOW CREEK		Waterbody ID Code 569400	Sample ID (YYYYMMDD-CY-FD) 20190926 HayCk
Sampling Location D/s crossing on Browns Rd.		Database Key 207258440 -21-01	
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) ALAN WIRT	Project Name NOR LONG-TERM TREND WADEABLE REFERENCE STREAM

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) 20	Estimated Area Sampled (m ²) 6 m ²	Number of Samples in Composite 1	Replicate No. _____ of _____
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Reason For Sampling

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

Water Temp. (C) 12.0	D.O. (mg/l) 7.46	D.O. (% sat.) 68.8	pH (su) 7.62	Conductivity (umhos/cm) 196.5	Transparency (cm) >120
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Water Color <input checked="" 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)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 20 Gravel (ladybug to tennisball): _____
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: 60
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: 20 Other (_____): _____

Embeddedness of Substrate at Sample Site (%) _____ Canopy Cover at Sample Site (%) _____

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 <i>Coash, Natalie</i>	Taxonomist <i>Dimick, Jeffrey</i>	Estimated Percent of Sample Sorted <i>6.25%</i>
Date Processed <i>10/13/20</i>	Specimens Saved <i>Subsample archived in ABL until Nov 2023</i>	

1C-132

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Acerpenna mackinnonae</i>	L	III	3	Kleb 2016		
<i>Baetis brunneicolar</i>	L	XIII	14	"		
<i>Caenis punctata</i>	L	III	3	"		
<i>Ephemerella subvaria</i>	L	-	5	"		
<i>Mecopteryx</i>	L	I	1	"	imm	N
<i>M. vicarium</i>	L	-II	7	"		
<i>Leptophlebia</i>	L	X-III	19	Merriam B 2019		
<i>Allocaenia</i>	L	I	1	"		
<i>Paracania angulata</i>	L	-I	6	Hitch 1974		
<i>Acronuria lycorias</i>	L	I	1	"		
<i>Taeniopteryx</i>	L	III	4	Merriam B 2019	imm	
<i>Hydropsychidae</i>	L	I	1	"	imm	N
<i>Cheumatopsyche</i>	L	II	2	"		
<i>Hydropsyche betteni</i>	L	-II	7	Schm Hils 1986		
<i>Oxyethira</i>	L	I	1	Merriam B 2019		
<i>Hydropsyche</i>	L	I	1	Hils 1995	imm	N
<i>Limnephilidae</i>	L	III	3	Merriam B 2019	imm	N
<i>Limnephilus</i>	L	-	5	"		
<i>Platycentropus</i>	L	-	5	"		
<i>Molanna</i>	L	III	3	"	imm	
<i>Nicozia</i>	L	I	1	"	imm	
<i>Optisentus</i>	L	X	10	"	imm	N
<i>O. fastidius</i>	LA	-	5	Hils Schm 1992		
<i>Gyrinus</i>	A	I	1	Hils 1990		
<i>Micropsatra</i>	P	I	1	Merriam B 2019		
<i>Idemecromma</i>	L	II	2	"		
<i>Neonasta</i>	L	I	1	"		
Split A2 Chironomidae	L	I-III				
<i>Corynura</i>	L	I	1	And et al 2013		
<i>Parametriocnemus</i>	L	-II	7	"		
<i>Znootanytarsus</i>	L	-	5	"		
<i>Spartnocladius</i>	L	I	1	"		
<i>Polypedium (Tripodura) halterale group</i>	L	I	1	Solton 2012		
<i>Tanytarsus</i>	L	I	1	And et al 2013		