

Instructions: Bold fields must be completed.

20211029-21-01

Station Summary

Waterbody Name HAYMEADOW CREEK	Waterbody ID Code 569400	Sample ID (YYYYMMDD-CY-FD) BIG HAYMEADOW CREEK
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Sampling Location	Database Key 320354252
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SWIMS Station ID 10030155	SWIMS Station Name HAYMEADOW CR (UPSTREAM FROM BROWNS RD)
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Latitude 45.62531	Longitude 88.58971	Lat/Long Determination Method (circle) SWIMS ☒ SWDV ☐ GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) GREEN BAY	Watershed Name UPPER PESHTIGO RIVER	County FOREST
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Sample and Site Descriptors

Sample Collector (Last Name, First) AARON MARTI	Project Name NOR LONG-TERM TREND WADEABLE REFERENCE STREAMS
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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) 30	Estimated Area Sampled (m²) 30	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

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

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	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)	Average Stream Width of reach (m)
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): _____
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Sand: _____	Clay: _____	Silt/Muck: 10	Overhanging Vegetation: 80
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Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: 10	Other (): _____
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Embeddedness of Substrate at Sample Site (%) 40	Canopy Cover at Sample Site (%) 0
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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

R1
B4 2q-8
4q-3
3q-7
1q-7
B1 1q-7
4q-11
2q-11
3q-9
A3 4q-8
2q-3
1q-3
3q-6
A1 1q-8
3q-17
4q-1
2q-9
D3 2q-10
3q-
4q-
1q-
R2
B1 2q-20
3q-10
1q-7
4q-14
D1 1q-10
2q-14
3q-6
4q-8
B4 4q-7
2q-3
3q-2
1q-4
A3 4q-12
2q-10
3q-
1q-

For Lab Use Only

Sample Sorter NORDSTROM ABIGAIL	Taxonomist Dimick, Jeffray	Estimated Percent of Sample Sorted R1: 26.5% R2: 21.8%
Date Processed R1: 12/30/2022 R2: 01/03/2023	Specimens Saved R1: 128 R2: 127	Subsamples analyzed in ABL until Apr 2026

Taxa	Life Stage	Organism Count			Taxonomic Reference	Condition	Unique Taxon
		Rep 1	Rep 2	Rep 3			
Caenis	L	1	0		MCB 2019	imm	N
C. latipennis	L	8	6		Kub 2016		
Maccaffertium vicarium	L	1	0		"		
Leptophlebia	L	21	15		MCB 2019	imm	
Calopteryx aquabilis	L	1	1		West May 2006		
C. maculata	L	0	1		"		
Coenagrionidae Amphagrion/Chromagrion	L	1	0		MCB 2019	imm	
Taeniopteryx	L	1	0		"	imm	
Gordulegaster maculata	L	0	1		Tennessee 2019		
Oxyethira	L	24	18		MCB 2019		
Limnephilidae	L	9	8		"	imm	N
Hydatophylax argus	L	0	1		Nils 1995		
Limnephilus	L	0	1		MCB 2019		
Platycentropus	L	5	2		"		
Nyctophylax	L	1	0		"		
Lype diversa	L	0	1		Nils 1995		
Liodessus affinis	A	1	0		Nils 1994		
Amblyopora	L	1	4		MCB 2019		
Optoservus fastiditus	L	1	0		Nils Schm 1992		
Nemacromma	L	0	3		MCB 2019		
Protezzia	L	0	1		Nils 1995		
Ephydriidae	L	0	1		MCB 2019		
Gammarus pseudolimnoides	A	6	1		Nils 1972		
Hyalella azteca	A	2	0		Soucek et al 2015		
Gynaeus	A	2	0		Thorp Reg 2016		
Pisidium	A	1	1		"		
Naididae	A	1	1		Kath Bern 1998		
Spiliza Chironomidae	A	43	50	ND			
Spiliza Chironomidae	L	0	16	ND			
Labandinia pilosella	L	1	0		Belton 2012		
Metopelopia	L	1	0		Ander et al 2013		
Procladius	L	0	1		"	imm	
Brillia	L	1	1		"	imm	N
B. flavifrons	L	1	0		Epler 2001		
Cricotopus (Cricotopus) bicinctus group	L	1	0		Ander et al 2013		
Nanocladius (Plecopterocladius)	L	0	1		"	imm	
Orthocladius (Symptetracloides) annectens	L	1	0		Belton 2012		
Parametacnemeus	L	0	4		Ander et al 2013		
Paraphaenocladius	L	0	2		"		

Taxonomist: Dimick, Jeffrey

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