

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name FOUNTAIN CREEK		Waterbody ID Code 280800	Sample ID (YYYYMMDD-CY-FD) 20211006-6902
Sampling Location			Database Key 286575513
SWIMS Station ID 10048066		SWIMS Station Name FOUNTAIN CREEK US SYMCO RD	
Latitude 44.510101	Longitude -88.833387	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) WOLF RIVER		Watershed Name LOWER LITTLE WOLF RIVER	County WAUPACA

Sample and Site Descriptors	
Sample Collector (Last Name, First) DAVID BOLHA	Project Name BEAR LAKE TWA 319

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) 2	Estimated Area Sampled (m²) 1.3	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: Bear Lake TWA

Water Temp. (C) 15.7	D.O. (mg/l) 7.63	D.O. (% sat.) 77.0	pH (su) 8.02	Conductivity (umhos/cm) 738	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)

Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.05	Average Stream Width of reach (m) 1
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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: 50
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: 50 Other (_____): _____
 Embeddedness of Substrate at Sample Site (%) 0 Canopy Cover at Sample Site (%) 50

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

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Katherine McClure	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 100%
Date Processed 6/14/2022	Specimens Saved Subsample archived in ABL until Jul 2025	

A494:2
 A493:0
 A491:1
 A492:1
 C393:1
 C391:2
 C394:1
 C392:1

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Dytiscidae	L	iii	4	MCB 2019		Y
Desmopachria convexa	A	i	1	Hils 1994		
Lepidoptera	L	i	1	Stehr 1987 (2005)	terr	
Probezzia	L	xiii	13	Hils 1995		
Bezzia / Palpomyia	L	i	1	"		
Limnophyes	P	ii	2	MCB 2019		N
Dixella	L	i	1	"		
Ephydriidae	L	i	1	"		
Perrona	L	i	1	Hils 1995		
Tipula	L	ii	2	MCB 2019		
Ephydriidae	A	ii	2	Thorp Reg 2016		
Naididae	A	i	5	Kathi Brin 1998		
Tubificinae (without hairs)	A	ii	2	"		
Hyalella azteca	A	x-i	16	Souketal 2005		
Caerodonta	A	iii	4	Thorp Reg 2016	imm	
Fossaria	A	x-i	15	Burch 1989		
Physa	A	x	10	Thorp Reg 2016		
Pisidium	A	xi	11	"		
Artemesia	A	i	1	Peck et al 1990		
Cyclopidae	A	i	1	Thorp Reg 2016		
Entomobryomorpha	A	ii	2	MCB 2019		
Split to Chironomidae	L	ii-iii				
Gomphonema	L	i	5	Andetal 2013		
Limnophyes	L	xii	12	"		
Stenochironomus	L	i	1	"		
Anchydopia	L	xii	12	"		
Zavelomyia	L	i	5	"		
Microsectra	L	-ii	7	"		
Paratendipes	L	ii	2	"		
Procladius flavipes	L	i	1	Baldon 2012		
Polypedilum (Polypedilum) illinoense group	L	i	1	"		