

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name WHITE CREEK	Waterbody ID Code 1719800	Sample ID (YYYYMMDD-CY-FD) 20181022-77-01
Sampling Location		Database Key 169214928

SWIMS Station ID 10011781	SWIMS Station Name WHITE CREEK - WHITE CREEK WATERBURY RD. STATION 1		
Latitude 44.36861	Longitude -90.598915	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) BLACK RIVER		Watershed Name MORRISON CREEK	County JACKSON 77

Sample and Site Descriptors

Sample Collector (Last Name, First) CAMILLE BRUHN	Project Name WEST DISTRICT NC STREAM STRATIFIED SITES 2018
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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) 1	Estimated Area Sampled (m ²) 1	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: Natural Community Stratified Random

Water Temp. (C)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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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) 0.35	Average Stream Width of reach (m) 3.0
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): _____	Gravel (ladybug to tennisball): 10
Sand: 40	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____
Aquatic Macrophytes: 30	Leaf Snags: 20	Coarse Woody Debris: _____	Other (): _____
Embeddedness of Substrate at Sample Site (%) 40		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	N	Chlorine	N	N
- Filamentous Algae	N	N	Dissolved Oxygen	N	N
- Planktonic Algae	N	N	Nutrients (P, N...)	N	N
Iron Bacteria	U	U	Toxics: - Inorganic (Metals)	N	N
Macrophytes	PL	U	- Organic (PCBs, pesticides...)	N	N
Slimes	N	N	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	PL	PL
			Point Source - Specify:	N	N
Physical			Pasturing of Livestock	N	N
Bank Erosion	PL	PL	Runoff: - Barnyard	N	N
Channelization: - Upstream	N	N	- Construction	N	N
- Downstream	N	N	- Cropland	N	N
Hydraulic Scour / Channel Incision	N	N	- Urban	N	N
Impoundment: - Upstream	N	N	Septic Systems	N	N
- Downstream	N	N	Tile Drainage - Organic Soils	N	N
Low Flow	N	N	- Mineral Soils	N	N
Sedimentation	PL	U	Springs	U	U
Sludge	N	N	Tributary(s)	PL	PL
Thermal	U	U	Wetland	PL	N
Turbidity	N	N	Other - Specify: Forested Watershed	PL	PH
Other - Specify:					

Comments: Sampled in a run above culverts. No suitable riffles in this station at this time. Sampled mostly submerged macrophytes.

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Jovanna Erickson	Taxonomist Derrick Jeffery	Estimated Percent of Sample Sorted 100%
Date Processed 9-13-2019	Specimens Saved Subsample archived in ABL until Dec 2022	

C1 | B2 | B3 | E3 | A1 | 11 | 16 | 14
6 | 2 | 3 | 3 | 4 | 11 | 16 | 14

Total: 59

Full Sample Sent!

Wisconsin Department of Natural Resources

ABL SampleNum: 20181022-27-01

Taxonomist: Dimick, Jeffrey

Waterbody: White Creek

SWIMS Database Key: 169214928

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Eurylophella temporalis</i>	L	1	1	Klob 2016		
<i>Leptophlebia</i>	L	1	10	"	imm	
<i>Coenagrionidae</i>	L	1	1	West May 1996	imm	
<i>Enallagma</i>	L	1	1	"	imm	
<i>Phanogamphus</i>	L	1	1	Tennessen 2019		
<i>Hydatophylax argus</i>	L	1	2	Wigg 1996		
<i>Platycentropus</i>	L	1	4	"	imm	
<i>Phyllostomis</i>	L	1	2	"		
<i>Sialis</i>	L	1	2	Hils 1995		
<i>Ephedridae</i>	P	1	1	Mert Webb 2008		
<i>Simulium venustum</i> species complex	L	1	4	Adl et al 2004		
<i>Chrysops</i>	L	1	1	Hils 1995		
<i>Tipula</i>	L	1	1	Gelhaus 2002		
<i>Heterocerixa minirella</i>	A	1	14	Hils 1994a		
<i>Sigara compressoides</i>	A	1	12	"		
<i>S. douglasensis</i>	A	1	3	"		
<i>S. mackinacensis</i>	A	1	5	"		
<i>S. signata</i>	A	1	5	"		
<i>Notonecta lunata</i>	A	1	1	"		
<i>Ranatra fusca</i>	A	1	2	"		
<i>Enchytraetidae</i>	A	1	2	Thompson 2016		
<i>Stilpnus Chironomidae</i>	L	1	1	Adl		
<i>Abiahesmyia (Abiahesmyia) mallochii</i>	L	1	1	Bolton 2012		
<i>Meconetopia</i>	L	1		Can Epl 2013		
<i>Procladius (Psilodactylus) bellus</i>	L	1	1	Epl 2001		
<i>Limnophyes</i>	L	1	2	And + 3 2013		
<i>Orthocladius (Symptetradius) annexus</i>	L	1	1	Bolton 2012		
<i>Pseudosmittia</i>	L	1	1	And + 3 2013		
<i>Chironomidae</i> 09330000	L	1	1	Carston 2013	mt indet	N
<i>Cladotanytarsus</i>	L	1	1	Epl et al 2013		
<i>Dicrotendipes</i>	L	1	5	"		
<i>Endochironomus nigricans</i>	L	1	2	Bolton 2012		
<i>Polypedilum (Pentapedilum) fritum</i>	L	1	1	"		
<i>Tanytarsus</i>	L	1	3	Epl et al 2013		
<i>Tribelos jucundus</i>	L	1	1	Bolton 2012		