

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name DODGE BR		Waterbody ID Code 910800		Sample ID (YYYYMMDD-CY-FD) 20201028-25-05	
Sampling Location Hollandale STP (WWTP lagoons)				Database Key 252512577	
SWIMS Station ID 253048		SWIMS Station Name DODGE BRANCH - HOLLANDALE STP			
Latitude 42.87540	Longitude -89.92467	Lat/Long Determination Method (circle) SWIMS SWDV <u>GPS</u>		Datum Used if using GPS <u>WGS84</u> or NAD83	
Basin (WMU) SUGAR - PECATONICA		Watershed Name UPPER EAST BRANCH PECATONICA RIVER		County IOWA	
Sample and Site Descriptors					
Sample Collector (Last Name, First) CAMILLE BRUHN			Project Name 2020 -RIDGEWAY BRANCH- EAST BRANCH PECATONICA RIV		
Sampling Device					
<input checked="" type="checkbox"/> D-Frame Kick Net <input type="checkbox"/> Surber Sampler <input type="checkbox"/> Eckman <input type="checkbox"/> Ponar <input type="checkbox"/> Artificial Substrate <input type="checkbox"/> Hess Sampler <input type="checkbox"/> Other: _____					
Habitat Sampled					
<input checked="" type="checkbox"/> Riffle <input type="checkbox"/> Run <input type="checkbox"/> Pool <input type="checkbox"/> Other <input type="checkbox"/> Shoreline Composite <input type="checkbox"/> Proportionally-Sampled Habitat <input type="checkbox"/> Littoral Zone <input type="checkbox"/> Profundal Zone <input type="checkbox"/> Wetland					
Total Sampling Time (min) 1	Estimated Area Sampled (m²) 1		Number of Samples in Composite		Replicate No. _____ of _____
Reason For Sampling					
<input type="checkbox"/> Least Impacted Reference <input type="checkbox"/> Baseline <input type="checkbox"/> Impact / Treatment Site <input type="checkbox"/> Control Site <input type="checkbox"/> Trend <input checked="" type="checkbox"/> Other: <u>Ridgeway Branch - E. Branch Pecatonica TWA</u>					
Water Temp. (C) 5.1	D.O. (mg/l) 12.7	D.O. (% sat.) 103	pH (su) 8.59	Conductivity (umhos/cm) 679.3	Transparency (cm)
Water Color			Estimated Stream Velocity (m/s)		
<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained			<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)		
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m) 0.25		Average Stream Width of reach (m) 10	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): _____	
Sand: <u>50</u>		Clay: _____		Gravel (ladybug to tennisball): <u>50</u>	
Aquatic Macrophytes: _____		Silt/Muck: _____		Overhanging Vegetation: _____	
Leaf Snags: _____		Coarse Woody Debris: _____		Other (_____): _____	
Embeddedness of Substrate at Sample Site (%) <u>90</u>			Canopy Cover at Sample Site (%) <u>0</u>		

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 Dunn, Isabel	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 17.2%
Date Processed 7/21/2021	Specimens Saved Subsample archived in ABC until Sept 2024	

11:00-
5:30

D1 B1 A2
 4-26 4-13 3-27
 2-13 3-13 2-9
 1-7 2-13 4-9
 3-12 1-13 1

126

Wisconsin Department of Natural Resources

ABL SampleNum: 20201028-25-05

Taxonomist: Dimick, Jeffrey

Waterbody: Dodge Branch

SWIMS Database Key: 252512577

Page 1 of 2

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Nacaeopectum</i>	L	I	1	Klub 2016	imm	
<i>Taeniopteryx</i>	L	XI	11	MCB 2019	imm	
<i>Ceratomyx</i> branta	L	VII	4	SchmHils 1986		
<i>C. sparna</i>	L	II	2	"		
<i>Cheumatopsyche</i>	L	I	1	MCB 2019		
<i>Hydropsyche</i> betteri	L	I	1	SchmHils 1986		
<i>Optiosevus</i>	L	II	2	MCB 2019	imm	N
<i>O. fastiditus</i>	L	I	1	HilsSchm 1992		
<i>Stenelmis</i>	L	I	1	MCB 2019		
<i>Atherix variegata</i>	L	II	2	Hils 1995		
<i>Orthocladiinae</i>	P	I	1	MCB 2019	dam	N
<i>Hemerodromia</i>	L	VIII	6	"		
<i>Antocha</i>	L	III	4	"		
<i>Pilaria</i>	L	I	1	"		
<i>Neoplasta</i>	L	?	1	"		
<i>Gammarus pseudolimnacus</i>	A	I	1	Hils 1972		
<i>Meimithidae</i>	A	VII	3	ThorpPeg 2016		
<i>Ferrissia rivularis</i>	A	II	2	"		
<i>Pleurocercidae</i>	A	L	1	"		
<i>Naidinae</i>	A	B&H	24	KathBrin 1998		
<i>Tubificinae (w/o hairs)</i>	A	II	2	"		
<i>Lebertia</i>	A	II	2	Peck et al 1990		
Split A₂ Chironomidae	L	XI				
<i>Cricotopus (Cricotopus) tremulus group</i>	L	XI	12	And et al 2013		
<i>Eukiefferella devonica group</i>	L	I	1	"		
<i>Cladotanytarsus</i>	L	0-III	29	"		
<i>Cryptochironomus</i>	L	I	1	"		
<i>Microtendipes pedellus group</i>	L	0-III	28	"		
<i>Orthocladiinae</i>	L	III	4	"	mt. indet imm	N
<i>Cricotopus</i>	L	I	1	"		N
<i>C. (Cricotopus) tremulus group</i>	L	I	1	"		
<i>Lopescladius</i>	L	I	1	"		
<i>Orthocladius (Orthocladius)</i>	L	II	2	"		
<i>Chironomus</i>	L	I	1	"		
<i>Cladotanytarsus</i>	L	III	3	"		
<i>Polypedium (Polypedium) illinoense group</i>	L	II	2	Bolton 2012		

