

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name KINNICKINNIC RIVER			Waterbody ID Code 2601800		Sample ID (YYYYMMDD-CY-FD) 20211110-48-03
Sampling Location Lowest Site (State Park) #3				Database Key 297532605	
SWIMS Station ID 483031		SWIMS Station Name KINNICKINNIC RIVER - CTH F BRIDGE			
Latitude	Longitude		Lat/Long Determination Method (circle) SWIMS SWDV GPS		Datum Used if using GPS WGS84 or NAD83
Basin (WMU) ST. CROIX		Watershed Name KINNICKINNIC RIVER		County PIERCE	
Sample and Site Descriptors					
Sample Collector (Last Name, First) KURT RASMUSSEN			Project Name RESPONSE MONITORING		
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 1		Replicate No. 1 of 1
Reason For Sampling					
<input type="checkbox"/> Least Impacted Reference		<input type="checkbox"/> Baseline		<input checked="" type="checkbox"/> Impact / Treatment Site	
<input type="checkbox"/> Control Site		<input type="checkbox"/> Trend		<input type="checkbox"/> Other: _____	
Water Temp. (C) 7.1	D.O. (mg/l) 14.72	D.O. (% sat.) 121.6	pH (su) 8.63	Conductivity (umhos/cm) 634	Transparency (cm) >120
Water Color <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained			Estimated Stream Velocity (m/s) <input type="checkbox"/> Slow (< 0.15 m/s) <input type="checkbox"/> Moderate (0.15 m/s - 0.5 m/s) <input checked="" type="checkbox"/> Fast (> 0.5 m/s)		
Measured Velocity circle units m/s or f/s		Average Stream Depth of reach (m) .50		Average Stream Width of reach (m) 6	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____	Rubble (tennisball to basketball): 20	Gravel (ladybug to tennisball): 30	
Sand: 50		Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____	
Aquatic Macrophytes: _____		Leaf Snags: _____	Coarse Woody Debris: _____	Other (_____): _____	
Embeddedness of Substrate at Sample Site (%) 60			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	Watershed	Factors that may be influencing Water Resource Integrity	Local	Watershed
Biological			Chemical		
Algae: - Diatoms / Periphyton	N	N	Chlorine	U	U
- Filamentous Algae	N	N	Dissolved Oxygen	N	N
- Planktonic Algae	N	N	Nutrients (P, N...)	PL	PL
Iron Bacteria	N	N	Toxics: - Inorganic (Metals)	N	N
Macrophytes	N	N	- Organic (PCBs, pesticides...)	N	N
Slimes	N	N	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	PL	PL
			Point Source - Specify:	PL	U
Physical			Pasturing of Livestock	N	N
Bank Erosion	N	N	Runoff: - Barnyard	N	N
Channelization: - Upstream	N	N	- Construction	N	N
- Downstream	N	N	- Cropland	N	N
Hydraulic Scour / Channel Incision	PH	PL	- Urban	PL	N
Impoundment: - Upstream	PH	PL	Septic Systems	N	N
- Downstream	N	N	Tile Drainage - Organic Soils	N	N
Low Flow	N	N	- Mineral Soils	N	N
Sedimentation	PH	PL	Springs	N	N
Sludge	N	N	Tributary(s)	N	N
Thermal	N	N	Wetland	N	N
Turbidity	N	N	Other - Specify: DAM REMOVAL	PL	PL
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Katherine McClure	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 4.7%
Date Processed 8/19/22	Specimens Saved Subsample archived in AGL until Oct 2025	

C191: 37 D494: 68
 C192: 28 D493:
 C193: D491:
 C194: D492:

(133)

Wisconsin Department of Natural Resources

ABL SampleNum: 20211110-48-03

Taxonomist: Dimick, Jeffrey

Waterbody: Kinnickinnic River

SWIMS Database Key: 297532605

Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Baetis brunneator</i>	L	I	1	Kub 2016		
<i>B. tricaudatus</i>	L	III	9	"		
<i>B. flavisterga</i> species complex	L	I	1	"		
<i>Ephemerella</i>	L	II	2	MCB 2019	imm	N
<i>E. excrucians</i>	L	III	4	Kub 2016		
<i>Maccaffertium mediopunctatum</i>	L	III	3	"		
<i>M. vicarium</i>	L	II	2	"		
<i>Ceratopsyche</i>	L	III	3	Hils 1985	imm	N
<i>C. alhedra</i>	L	I	1	Schm Hils 1986		
<i>C. bronka</i>	L	I	5	"		
<i>C. glassonae</i>	L	I	1	"		
<i>Hydropsyche betteri</i>	L	I	1	"		
<i>Helophus striatus</i>	A	I	1	Hils Schm 1992		
<i>Optiservus</i>	L	I	1	MCB 2019	imm	N
<i>O. fastidius</i>	A	III	3	Hils Schm 1992		
<i>Atherix variegata</i>	L	III	3	Hils 1985		
<i>Criotopus (Criotopus) trifascia</i> group	P	I	1	Wieder 1986		Y
<i>Nemotromia</i>	L	I	1	MCB 2019		
<i>Simulium vittatum</i> species complex OB1001B	L	I	1	And et al 2004		
<i>Dicranota</i>	L	I	1	MCB 2019		
<i>Oammarus pseudolimnaeus</i>	A	I	1	Hils 1972		
<i>Dugesii</i> dae	A	XIII	14	Thompson 2016		
<i>Naididae</i>	A	XII	17	Katharina 1998		
<i>Siphonura</i>	L	III	1	"		
<i>Eukiefferiella devonica</i> group	L	III	5	And et al 2013		
<i>Parametriocnemus</i>	L	III	4	"		
<i>Taeniopteryx hawaiiensis</i> group	L	XI	16	Bode 1983		
<i>T. discoloripes</i> group	L	II	2	"		
<i>Brillia</i>	L	II	2	And et al 2013	imm	
<i>Cladotanytarsus</i>	L	I	6	"		
<i>Psephotanytarsus</i>	L	I	6	"		
<i>Ochnocladiinae</i>	L	III	9	"	imm	N
<i>Eukiefferiella brehmi</i> group	L	I	5	"		
<i>E. claripennis</i> group	L	I	1	"		
<i>Criotopus (Criotopus)</i>	L	III	4	"		N
<i>C. (C.) fremvius</i> group	L	I	5	"		

> 3 taxa, TVAL ≤ 2.0

IB > 60 (X III)

