

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name KINNICKINNIC RIVER		Waterbody ID Code 2601800		Sample ID (YYYYMMDD-CY-FD) 20211110-48-02	
Sampling Location Kinny Middle Site #2				Database Key 297532613	
SWIMS Station ID 10020720		SWIMS Station Name KINNICKINNIC RIVER-GLEN PARK			
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) 7.0	D.O. (mg/l) 13.22	D.O. (% sat.) 109.1	pH (su) 8.34	Conductivity (umhos/cm) 524	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 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) .33		Average Stream Width of reach (m) 7	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): _____		Rubble (tennisball to basketball): 40	
Sand: 35		Clay: _____		Gravel (ladybug to tennisball): 25	
Aquatic Macrophytes: _____		Leaf Snags: _____		Coarse Woody Debris: _____	
Other (____): _____		Overhanging Vegetation: _____		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	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	PL
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	PH	PL
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 15.6%
Date Processed 8/18/22	Specimens Saved Subsample archived in ABL cabinet Oct 2025	

A494:11 B292:20 C494:27
 A492:11 B294:12 C491:15
 A491:9 B293:10 C492:
 A493:9 B291:14 C493:

(138)

Wisconsin Department of Natural Resources

ABL SampleNum: 20211110-48-02

Taxonomist: Dimick, Jeffrey

Waterbody: Kinnickinnic River

SWIMS Database Key: 297532613

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	Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
1/4	Baetis brevicaudatus tricaudatus	L	III	9	KWB 2016		
2/11	Brachycentrus occidentalis	L	II	2	Hils 1985		
3/2	Proteptila	L	I	1	MCB 2019		
	Ceratopsyche	L	X	10	Hils 1985	imm/mm	N
	C. albicauda Dalmanus	L	0-1	26	Schm Hils 1986		
	C. spissone	L	III	4	"		
4/9	Psychomyia flavida	L	II	7	Hils 1985		
	Orthotrichus	L	I	1	MCB 2019	imm	
5/21	Atherix variegata	L	II	2	Hils 1985		
	Orthocladius (Eurocladius)	P	III	3	MCB 2019		N
	Simulium vittatum species complex	L	IV	4	Asi et al 2004		
	Dicranota	L	I	1	MCB 2019		
	Gemmarus pseudolinnaeus	A	I	1	Hils 1972		
	Naididae	A	III	4	Kath Brin 1988		
	Lebertia	A	I	1	Peck et al 1990		
	Spit A 2 Chironomidae	L	IIII-III				
	Diamesa	L	XI	16	And et al 2013		
	Cardueladus obscurus	L	III	8	Epler 2001		
	Eukiefferella devonica group	L	II	7	And et al 2013		
	Tvetenia bavarica group	L	III	9	Bode 1983		
	T. discoloripes group	L	II	7	"		
	Eucotanytarsus	L	III	3	And et al 2013		
	Dicentropes	L	I	1	"		
	Eucotanytarsus	L	III	3	"		
	Orthocladius	L	III	4	"	imm	N
	Cricotopus (Cricotopus)	L	I	1	"		Y
	C. (C.) bicinctus group	L	II	2	"		
	Eukiefferella	L	II	2	"	imm	N
	E. brehmi group	L	III	3	"		
	E. olaripennis group	L	I	1	"		
	Orthocladius (Eurocladius)	L	III	3	"		
	O. (Orthocladius)	L	I	1	"		
	Thienemannella	L	I	1	"	imm	

> 3 taxa, Total = 2.0