

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name KINNICKINNIC RIVER	Waterbody ID Code 2601800	Sample ID (YYYYMMDD-CY-FD) 20211110-48-01
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Sampling Location Kinny Below DAM #1	Database Key 297532609
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SWIMS Station ID 10048610	SWIMS Station Name KINNICKINNIC RIVER DS LOWER RESERVOIR (WBIC 2603000)
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Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
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Basin (WMU) ST. CROIX	Watershed Name KINNICKINNIC RIVER	County PIERCE
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Sample and Site Descriptors

Sample Collector (Last Name, First) KURT RASMUSSEN	Project Name RESPONSE MONITORING
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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 (m²) 1	Number of Samples in Composite 7	Replicate No. 1 of 1
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: _____

Water Temp. (C) 6.7	D.O. (mg/l) 12.88	D.O. (% sat.) 105.4	pH (su) 8.28	Conductivity (umhos/cm) 523	Transparency (cm) >120
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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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 0.33	Average Stream Width of reach (m) 5
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 50 Gravel (ladybug to tennisball): 30
 Sand: 20 Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (_____): _____

Embeddedness of Substrate at Sample Site (%) 20 **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:	N	N
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	PL	PL
			Point Source - Specify: WWTF	PL	N
Physical			Pasturing of Livestock	N	N
Bank Erosion	N	U	Runoff: - Barnyard	N	N
Channelization: - Upstream	N	N	- Construction	N	N
- Downstream	N	N	- Cropland	U	PH
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:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Katherine McClure	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 6.3%
Date Processed 8/17/22	Specimens Saved Subsample archived in ABC cabinet Oct 2025	

D292: 32 C191: 49
 D293: 16 C194: 30
 D291: C192:
 D294: C193:

(127)

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
1/10 Baetis tricaudatus	L	iiii	8	KWls 2016		
2/10 Maccaffertyium vicarium	L	i	1	"		
Ceratopsyche	L	vt	5	Hils 1995	mm	N
C. alhebra	L	i	1	Schum Hils 1986		
C. alternans	L	xii	12	"		
C. bipata	L	i	1	"		
3/10 Psychomyia flavida	L	i	1	Hils 1995		
Ombroserus fastidius	L	iii	3	Hils Schum 1992		
4/11 Atherix variegata	L	i	1	Hils 1995		
Tvetenia	P	i	1	MCB 2019		N
Simulium vittatum species complex 08110218	L	ii	2	Adel et al 2004		
Naididae	A	ii	2	Kath Binn 1998		
Spit 12 Chironomidae	L	iiii	4	"		
Dramesa	L	ii	2	And et al 2013		
5/11 Pagastia	L	-	6	"		
1/11 Orthocladus obscurus	L	iiii	4	Epler 2001		
Eukiefferiella devonica group	L	xvi	16	And et al 2013		
Parametriocnemus	L	vt	5	"		
Tvetenia hawaiiensis group	L	xiv	13	Bode 1983		
T. discoloripes group	L	xii	12	"		
Cladotanytarsus	L	iii	3	And et al 2013		
Microtanytarsus pedellus group	L	i	1	"		
Rhyacotanytarsus	L	i	1	"		
Orthocladinae	L	iiii	8	"	mm	N
Cricotopus (Cricotopus) tremulus group	L	i	1	"		
C. (C.) truncatus group ^{1/11} hincatus group	L	i	1	"		
Eukiefferiella brehmi group	L	-	5	"		
Orthocladus (Orthocladus)	L	-	5	"		
Polypedium (Uresipedium) aviceps	L	iiii	9	Belden 2012		

>3 taxa, TVAL ≤ 20

17 > (0.1 x 12)