

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name KINNICKINNIC RIVER		Waterbody ID Code 2601800	Sample ID (YYYYMMDD-CY-FD) 20201001-48-02
Sampling Location SAMPLED RIFFLE ABOVE THE ISLAND UPSTREAM FROM THE			Database Key 256803913
SWIMS Station ID 10020720		SWIMS Station Name KINNICKINNIC RIVER-GLEN PARK CONFLUENCE OF ROCKY RUN	
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 - 319 WATERSHED
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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 -	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) 10.5	D.O. (mg/l) 11.8	D.O. (% sat.) 105.9	pH (su) 7.83	Conductivity (umhos/cm) 478.2	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) 0.2 m	Average Stream Width of reach (m) 10 m
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Composition of Substrate Sampled (Percent):

Bedrock: _____ Boulders (basketball or larger): _____ Rubble (tennisball to basketball): 80% Gravel (ladybug to tennisball): 20%
 Sand: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: _____ Leaf Snags: _____ Coarse Woody Debris: _____ Other (): _____
 Embeddedness of Substrate at Sample Site (%) 0 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	N	N	Toxics: - Inorganic (Metals)	N	N
Macrophytes	N	N	- Organic (PCBs, pesticides...)	N	N
Slimes	N	N	Other - Specify:	N	N
Other - Specify:	N	N	Sources of Stream Impacts		
			Bank Erosion	N	N
			Point Source - Specify:	N	N
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	N	N	- Urban	N	N
Impoundment: - Upstream	PL	N	Septic Systems	N	N
- Downstream	N	N	Tile Drainage - Organic Soils	N	N
Low Flow	N	N	- Mineral Soils	N	N
Sedimentation	N	N	Springs	N	N
Sludge	N	N	Tributary(s)	N	N
Thermal	PL	N	Wetland	N	N
Turbidity	N	N	Other - Specify:	N	N
Other - Specify:	N	N			

Comments

SAMPLE COLLECTED PRIOR TO EMERGENCY DRAWDOWN OF LAKE LOUISE.

Special Instructions for Laboratory

SAMPLE COLLECTED IN A 319 WATERSHED

For Lab Use Only

Sample Sorter	Raatz, Trevor	Taxonomist	Dimeck, Jeffrey	Estimated Percent of Sample Sorted	10.9 %
Date Processed	9/28/2021	Specimens Saved	subsample archived in ABC mtk 1 Oct 2024		

C4Q2:22
 B1Q3:9:86
 B1Q1:24:46
 C4Q4:21:107
 C4Q3:31:77
 B1Q2:16:123
 C4Q1:28:151

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