

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name KINNICKINNIC RIVER			Waterbody ID Code 2601800		Sample ID (YYYYMMDD-CY-FD) 20201001-48-03
Sampling Location DOWNSTREAM FROM CTH F BRIDGE 120 M				Database Key 256803905	
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 - 319 WATERSHED		
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)	Estimated Area Sampled (m ²)	Number of Samples in Composite		Replicate No. <u>1</u> of <u>1</u>	
<u>1</u>	<u>1</u>	<u>—</u>			
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)	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
<u>10.9</u>	<u>12.62</u>	<u>114.3</u>	<u>8.01</u>	<u>497.1</u>	<u>> 120</u>
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 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)		Average Stream Width of reach (m)	
<u>—</u>		<u>0.8</u>		<u>12</u>	
Composition of Substrate Sampled (Percent):					
Bedrock: _____	Boulders (basketball or larger): _____	Rubble (tennisball to basketball): <u>40</u>	Gravel (ladybug to tennisball): <u>50</u>		
Sand: <u>10</u>	Clay: _____	Silt/Muck: _____	Overhanging Vegetation: _____		
Aquatic Macrophytes: _____	Leaf Snags: _____	Coarse Woody Debris: _____	Other (_____): _____		
Embeddedness of Substrate at Sample Site (%) <u>20</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		N	N	Chlorine		N	N
- 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:		N	N	Sources of Stream Impacts			
				Bank Erosion		N	N
				Point Source - Specify:		N	N
				Pasturing of Livestock		N	N
Physical				Runoff: - Barnyard		N	N
Bank Erosion		N	N	- Construction		N	N
Channelization: - Upstream		N	N	- Cropland		N	N
- Downstream		N	N	- Urban		N	N
Hydraulic Scour / Channel Incision		N	N	Septic Systems		N	N
Impoundment: - Upstream		PL	N	Tile Drainage - Organic Soils		N	N
- Downstream		N	N	- Mineral Soils		N	N
Low Flow		N	N	Springs		N	N
Sedimentation		N	PL	Tributary(s)		N	N
Sludge		N	N	Wetland		N	N
Thermal		N	N	Other - Specify:		N	N
Turbidity		N	N				
Other - Specify:		N	N				

Comments

SAMPLE WAS TAKEN PRIOR TO EMERGENCY DRAWDOWN OF LAKE LOUISE.

Special Instructions for Laboratory

SAMPLE COLLECTED IN 319 ELIGIBLE WATERSHED.

For Lab Use Only

Sample Sorter Rachael Valeria	Taxonomist Dimitri Jeffrey	Estimated Percent of Sample Sorted 9.4 %
Date Processed 9/29/2021	Specimens Saved Subsample archived in ABC until Oct 2024	

C2 A3
 Q3 21 Q1 17
 Q1 16 Q3 31
 Q2 33 Q4 29
 Q4

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