

Instructions: Bold fields must be completed.

Station Summary					
Waterbody Name RUNNING VALLEY CREEK		Waterbody ID Code 2082700		Sample ID (YYYYMMDD-CY-FD) 20191029-17-01	
Sampling Location US bridge 20m				Database Key 211591052	
SWIMS Station ID 10008790		SWIMS Station Name RUNNING VALLEY CREEK - STH 40			
Latitude		Longitude		Lat/Long Determination Method (circle) SWIMS SWDV GPS	
Basin (WMU) LOWER CHIPPEWA		Watershed Name PINE CREEK AND RED CEDAR RIVER		Datum Used if using GPS WGS84 or NAD83	
County DUNN					
Sample and Site Descriptors					
Sample Collector (Last Name, First) MYCAL RALEIGH, Alex Sella			Project Name WEST DISTRICT NC STREAM STRATIFIED SITES 2019		
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) 1.5		Estimated Area Sampled (m²) 1.5		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 type="checkbox"/> Impact / Treatment Site	
<input type="checkbox"/> Control Site		<input type="checkbox"/> Trend		<input type="checkbox"/> Other: NC Stratified Random	
Water Temp. (C) 5.6	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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) 0.25		Average Stream Width of reach (m) 4	
Composition of Substrate Sampled (Percent):					
Bedrock: _____		Boulders (basketball or larger): 10		Rubble (tennisball to basketball): 50	
				Gravel (ladybug to tennisball): 20	
Sand: 10		Clay: _____		Silt/Muck: _____	
				Overhanging Vegetation: _____	
Aquatic Macrophytes: 10		Leaf Snags: _____		Coarse Woody Debris: _____	
				Other (_____): _____	
Embeddedness of Substrate at Sample Site (%) 25			Canopy Cover at Sample Site (%) 40		

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	U	Chlorine	U	U
- Filamentous Algae	N	U	Dissolved Oxygen	U	U
- Planktonic Algae	N	U	Nutrients (P, N...)	U	U
Iron Bacteria	N	U	Toxics: - Inorganic (Metals)	U	U
Macrophytes	N	U	- Organic (PCBs, pesticides...)	U	U
Slimes	N	U	Other - Specify:		
Other - Specify:			Sources of Stream Impacts		
			Bank Erosion	N	U
			Point Source - Specify:		
Physical			Pasturing of Livestock	N	U
Bank Erosion	N	U	Runoff: - Barnyard	N	U
Channelization: - Upstream	N	U	- Construction	N	U
- Downstream	N	U	- Cropland	N	U
Hydraulic Scour / Channel Incision	N	U	- Urban	N	U
Impoundment: - Upstream	N	U	Septic Systems	U	U
- Downstream	N	U	Tile Drainage - Organic Soils	U	U
Low Flow	N	U	- Mineral Soils	U	U
Sedimentation	N	U	Springs	U	U
Sludge	N	U	Tributary(s)	U	U
Thermal	U	U	Wetland	U	U
Turbidity	N	U	Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

For Lab Use Only

Sample Sorter Logan Cutler	Taxonomist Dimitri Jeffrey	Estimated Percent of Sample Sorted 12%
Date Processed 9/24/2020	Specimens Saved 130 subsample archived in AB Lindri Oct 2023	

23 C3Q2 34 E1Q2,3 42 C3Q1,3 13 E1Q4 18 C3Q4

Wisconsin Department of Natural Resources

ABL SampleNum: 20191029-17-01

Taxonomist: Dimick, Jeffrey

Waterbody: Running Valley Creek

SWIMS Database Key: 211591052

Taxa	Life Stage	Benthic Tally	Count	Taxonomic Reference	Condition	Unique Taxon
<i>Acerpenna macdunnoughi</i>	L	III	3	Kwb 2016		
<i>Baetis brunneicollis</i>	L	III	4	"		
<i>B. tricaudatus</i>	L	-I	6	"		
<i>Ephemerella</i>	L	-II	7	Merrillum B 2019	imm	
<i>Maccaffertium vicarium</i>	L	II	2	Kwb 2016		
<i>Paraleptophlebia</i>	L	I	1	"	imm	
<i>Isoperla transmarina</i>	L	II	2	Hils 1982		
<i>Taeniopteryx nivalis</i>	L	-III	8	FVH Stew 1980		
<i>Brachycentrus americanus</i>	L	Bx-	55	Hils 1985		
<i>B. occidentalis</i>	L	-	5	"		
<i>Ceratopsyche glossonae</i>	L	II	2	Schm Hils 1986		
<i>Hydropsyche betteni</i>	L	I	1	"		
<i>Neophylax</i>	L	I	1	Merrillum B 2019	imm	
<i>Optiosevus</i>	L	III	1	"	imm	N
<i>O. fastiditus</i>	L	III	3	Hils Schm 1992		
<i>Atherix variegata</i>	L	III	3	Hils 1995		
<i>Stenelmis</i>	L	I	1	Merrillum B 2019		
<i>Hemerodromia</i>	L	II	2	"		
<i>Neoplasta</i>	L	II	2	"		
<i>Simulium</i>	P	I	1	"		
<i>Antocha</i>	L	I	1	"		
<i>Cocciatoka</i>	A	X	10	Thorp Bog 2016	Imm/imm	
<i>Hygrobatas</i>	A	XIII	14	Peck et al 1990		
<i>Lebertia</i>	A	III	3	"		
<i>Dugesidae</i>	A	II	2	Thorp Bog 2016		
<i>Physa</i>	A	I	1	"		
<i>Pisidium</i>	A	I	1	"		
<i>Tubificidae (with hairs)</i>	A	I	1	Kahn Borm 1998		
<i>Split 2 Chironomidae</i>	L	II				
<i>Parametopaenemus</i>	L	III	5	Anders 2013		
<i>Eneotanytarsus</i>	L	I	1	"		
<i>Orthocladus</i>	L	I	1	"	imm	
<i>Polypedium (Tripodura) scalanum group</i>	L	I	1	Bolton 2012		
<i>P. (Vesipedium) aviceps</i>	L	I	1	"		