

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name PIKE CREEK	Waterbody ID Code 2157800	Sample ID (YYYYMMDD-CY-FD) 20191120-09-07
Sampling Location		Database Key 215849314

SWIMS Station ID 10052893	SWIMS Station Name PIKE CREEK @ 186TH AVE		
Latitude	Longitude	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) LOWER CHIPPEWA		Watershed Name LOWER YELLOW (CHIPPEWA CO.) RIVER	County CHIPPEWA

Sample and Site Descriptors

Sample Collector (Last Name, First) Kerley, Myka; Kristen Rathbun	Project Name LOTZ CREEK-YELLOW RIVER/PIKE CREEK TWA 2019
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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) 2	Estimated Area Sampled (m²) 3	Number of Samples in Composite 1	Replicate No. 1 of 1
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Reason For Sampling

☐ Least Impacted Reference	☐ Baseline	☐ Impact / Treatment Site
☐ Control Site	☐ Trend	☒ Other: TWA

Water Temp. (C) 7.11	D.O. (mg/l)	D.O. (% sat.)	pH (su)	Conductivity (umhos/cm)	Transparency (cm)
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Water Color ☒ Clear ☐ Turbid ☐ Stained	Estimated Stream Velocity (m/s) ☒ Slow (< 0.15 m/s) ☐ Moderate (0.15 m/s - 0.5 m/s) ☐ Fast (> 0.5 m/s)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m) 3	Average Stream Width of reach (m) 6m
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Composition of Substrate Sampled (Percent):

Bedrock: _____	Boulders (basketball or larger): 5	Rubble (tennisball to basketball): 5	Gravel (ladybug to tennisball): _____
Sand: 10	Clay: _____	Silt/Muck: 5	Overhanging Vegetation: _____
Aquatic Macrophytes: 75	Leaf Snags: _____	Coarse Woody Debris: _____	Other ():: _____

Embeddedness of Substrate at Sample Site (%) 10	Canopy Cover at Sample Site (%) 0
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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	U	U	- Mineral Soils	U	U
Sedimentation	PH	U	Springs	U	U
Sludge	U	U	Tributary(s)	U	U
Thermal	U	U	Wetland	PH	U
Turbidity	U	U	Other - Specify:		
Other - Specify:					

Comments

Special Instructions for Laboratory

3C =

Total = 164

For Lab Use Only

Sample Sorter Murphy Steinhilber	Taxonomist Dimick, Jeffrey	Estimated Percent of Sample Sorted 7%
Date Processed 2/6/2020	Specimens Saved Subsample archived in ABC until Apr 2023	

Wisconsin Department of Natural Resources

ABL SampleNum: 20191120-09-07

Taxonomist: Dimick, Jeffrey

Waterbody: Pike Creek

SWIMS Database Key: 215849314

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Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
Caenis	L	01	21	Keb 2016	imm	N
C. diminuta	L	x	10	"		
Leptophlebia	L	1	1	"	imm	
Nemotaulius hostilis	L	1	1	Hils 1995		
Coenagrionidae	L	1	1	West May 2006	imm	
Cladopetia/Heteromyia	L	1	1	Hils 1995		
Simulium vittatum species complex 08110217	L	11	3	Adl et al 2004		
Hyalella azteca	A	-	5	Soucek et al 2015		
Hydriidae	A	1	1	Thorp Reg 2016		
Pedocoridae	A	x1	11	"		
Cyclopidae	A	1	1	"		
Harpacticoida	A	1	1	"		
Ophidionis sementina	A	mtf	5	Kath Bink 2008		
Tubificinae (without hairs)	A	1	1	Kemm 1985		
Tubificinae (with hairs)	A	"	2	"		
Glossiphonia complanata/elegans	A	"	2	Thorp Reg 2016		
Pisidium	A	1	1	Mackie 2007		
Ablabesmyia (Ablabesmyia)	L	-1	6	Cran Epl 2013	imm	
Gonapodyptera 08270200	L	111	4	"		
Laubundinia neopilepsella	L	1	1	Bolton 2012		
Natarsia baltimorea	L	1	1	"		
Procladius (Psilobanyus)	L	111	3	Cran Epl 2013		
Zavrelimyia 08273000	L	11	2	"		
Thienemannimyia group	L	11	2	"	imm	N
Cricotopus (Cricotopus) bicinctus group	L	1	1	And + 3 2013		
C. (Isocladius) sylvestris group	L	"	2	"		
UJD Diptera/Dipterans Diptera/Dipterans	L	1	1	"		
Hydrobaenus	L	"	2	"		
Parametridiocranus	L	111	3	"		
Microtendipes	L	1	1	Epl et al 2013		
Microsestra	L	1	1	"		
Parachironomus	L	111	3	"	imm	
Paratanytarsus species A	L	08-1	76	Hils unpubl		
Polypedium	L	1	1	Epl et al 2013	imm	N
P. (Polypedium) hergi	L	1	1	Bolton 2012		
P. (P.) illinoense group	L	1	1	"		Y
Rheotanytarsus	L	x-1111	19	Epl et al 2013		

<3 taxa, TVAL ≤ 2.0

Taxonomist: Dimick, Jeffrey

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[illegible]