

Instructions: Bold fields must be completed.

Station Summary

Waterbody Name LEGETT CREEK		Waterbody ID Code 953900	Sample ID (YYYYMMDD-CY-FD) 20211014-22-01
Sampling Location ~ 50m US of confluence with Platte River			Database Key 287123920
SWIMS Station ID 10054842		SWIMS Station Name LEGETT CREEK US CONFLUENCE WITH PLATTE RIVER AT SLEEPY HOLLOW R	
Latitude 42.89518	Longitude -90.56240	Lat/Long Determination Method (circle) SWIMS SWDV GPS	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) GRANT - PLATTE		Watershed Name PLATTE RIVER	County GRANT

Sample and Site Descriptors

Sample Collector (Last Name, First) CAMILLE BRUHN	Project Name PLATTE RIVER HUC10 (UPPER HALF) TWA 2021
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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. _____ of _____
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Reason For Sampling

Least Impacted Reference
 Baseline
 Impact / Treatment Site
 Control Site
 Trend
 Other: *Targeted Watershed Assessment (Platte) Upper 1/2*

Water Temp. (C) 13.4	D.O. (mg/l) 11.9	D.O. (% sat.) 116	pH (su) 8.6	Conductivity (umhos/cm) 670	Transparency (cm)
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Water Color <input type="checkbox"/> Clear <input checked="" 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)
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Measured Velocity circle units m/s or f/s	Average Stream Depth of reach (m)	Average Stream Width of reach (m)
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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: _____ Clay: _____ Silt/Muck: _____ Overhanging Vegetation: _____
 Aquatic Macrophytes: 20 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	Watershed	Factors that may be influencing Water Resource Integrity		Local	Watershed
Biological				Chemical			
Algae: - Diatoms / Periphyton				Chlorine			
- Filamentous Algae				Dissolved Oxygen			
- Planktonic Algae				Nutrients (P, N...)			
Iron Bacteria				Toxics: - Inorganic (Metals)			
Macrophytes				- Organic (PCBs, pesticides...)			
Slimes				Other - Specify:			
Other - Specify:				Sources of Stream Impacts			
				Bank Erosion			
				Point Source - Specify:			
Physical				Pasturing of Livestock			
Bank Erosion				Runoff: - Barnyard			
Channelization: - Upstream				- Construction			
- Downstream				- Cropland			
Hydraulic Scour / Channel Incision				- Urban			
Impoundment: - Upstream				Septic Systems			
- Downstream				Tile Drainage - Organic Soils			
Low Flow				- Mineral Soils			
Sedimentation				Springs			
Sludge				Tributary(s)			
Thermal				Wetland			
Turbidity				Other - Specify:			
Other - Specify:							

Comments

Special Instructions for Laboratory

For Lab Use Only		
Sample Sorter <i>Katherine McClure</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>1.6%</i>
Date Processed <i>6/17/22</i>	Specimens Saved <i>Subsample archived in ABC until Aug 2025</i>	

D292:140 B393:
 D293: B394:
 D291: B392:
 D294: B391:

140

Taxa	Life Stage	Bench Tally	Count	Taxonomic Reference	Condition	Unique Taxon
41 <i>Brachycentrus occidentalis</i>	L	I	1	Hils 1985		
<i>Ceratopsyche branta</i>	L	II	3	Schmitt-Hils 1986		
<i>C. morosa bifida</i> form	L	II	2	"		
<i>Cheumatopsyche</i>	L	I	1	MCB 2019		
<i>Hydroptila</i>	L	0-	25	"		
<i>Maccaffertium</i>	L	I	1	Klob 2016	imm	
<i>Optioservus</i>	L	-I	6	MCB 2019	imm	N
<i>O. fastiditus</i>	L	III	4	Hilschm 1992		
43 <i>Atherix variegata</i>	L	II	2	Hils 1985		
<i>Hemerodromia</i>	L	III	3	MCB 2019		
<i>Simulium vittatum</i> species complex 08110217	L	I	1	Adl et al 2004		
<i>Antocha</i>	L	I	1	MCB 2019		
<i>Dicranota</i>	L	I	1	"		
Dugesidae	A	I	1	Thorp & Rag 2016		
<i>Parakiefferiella</i>	P	I	1	MCB 2019		
Mermithidae	A	I	1	Thorp & Rag 2016		
Naididae	A	X-III	20	Kath Brin 1998		
Tubificinae (without hairs)	A	III	5	"		
Split Aza Chironomidae	L	IX-XX				
Split Azb Chironomidae	L	III-IV				
<i>Cardiocladius obscurus</i>	L	I	1	Epler 2001		
<i>Cricotopus (Cricotopus) trifascia</i> group	L	II	2	And et al 2013		
<i>Parametropenemus</i>	L	I	5	"		
<i>Tetania discoloripes</i> group	L	I	1	Bode 1983		
<i>Cryptochironomus</i>	L	I	1	And et al 2013		
<i>Microtencipes pedellus</i> group	L	X-III	21	"		
<i>Rhectanytarsus</i>	L	III-III	8	"		
<i>Orthocladiinae</i>	L	I	1	"	imm	N
<i>Cricotopus (Cricotopus) biometus</i> group	L	II	2	"		
<i>Orthocladius (Orthocladius)</i>	L	II	2	"		
<i>Chironominae</i>	L	III	3	"	imm	N
<i>Chironomus</i>	L	II	2	"		
<i>Paratencipes</i>	L	I	1	"		
<i>Phaenopsectra phadrens</i> group	L	0II	22	Epler 2001	imm	
<i>Polyperidion (Polyperidion) hetum</i> group	L	I	1	Bolton 2012		
<i>P. (Oresopidion) flavum</i>	L	-III	9	"		

<3 taxa, TVAL ≤ 2.0

