

SITE 4

Instructions: Bold fields must be completed.

Station Summary			
Waterbody Name GILL COULEE CREEK		Waterbody ID Code 1652300	Sample ID (YYYYMMDD-CY-FD) 20201123-32-03
Sampling Location FIRST RIFFLE 15-25M UPSTREAM OF BRIDGE CROSSING		Database Key 266562636	
SWIMS Station ID 10011208		SWIMS Station Name GILL COULEE CREEK - GILL COULEE STATION #1 25M UPSTREAM FROM DOWN!	
Latitude 43.901793	Longitude -91.120916	Lat/Long Determination Method (circle) SWIMS SWDV <b>GPS</b>	Datum Used if using GPS WGS84 or NAD83
Basin (WMU) BAD AXE - LA CROSSE		Watershed Name LOWER LA CROSSE RIVER	County LA CROSSE

Sample and Site Descriptors	
Sample Collector (Last Name, First) KURT RASMUSSEN, ANDREW J SCHNEYEI	Project Name RESPONSE MONITORING

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 MIN	Estimated Area Sampled (m <sup>2</sup> ) 1.5M <sup>2</sup>	Number of Samples in Composite —	Replicate No. <u>1</u> of <u>1</u>
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Reason For Sampling

Least Impacted Reference     
  Baseline     
  Impact / Treatment Site  
 Control Site     
  Trend     
 Other: FOLLOW UP

Water Temp. (C) 5.8	D.O. (mg/l) 12.39	D.O. (% sat.) 99.1	pH (su) 8.15	Conductivity (umhos/cm) 533	Transparency (cm) NA
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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)

Measured Velocity NA	circle units m/s or f/s	Average Stream Depth of reach (m) 0.5	Average Stream Width of reach (m) 1M
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Composition of Substrate Sampled (Percent):

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): 30 Rubble (tennisball to basketball): 60 Gravel (ladybug to tennisball): \_\_\_\_\_  
 Sand: \_\_\_\_\_ Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: 5 Leaf Snags: 5 Coarse Woody Debris: \_\_\_\_\_ Other ( ): \_\_\_\_\_  
 Embeddedness of Substrate at Sample Site (%) 0 Canopy Cover at Sample Site (%) 15%

SHADING DUE TO PROXIMITY TO  
 RIDGE NOT VEGETATION IN RIPARIAN  
 AREA

**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
<b>Biological</b>					<b>Chemical</b>				
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			PL	PL	- Organic (PCBs, pesticides...)			N	N
Slimes			N	N	Other - Specify:			N	N
Other - Specify:			N	N	<b>Sources of Stream Impacts</b>				
					Bank Erosion			PL	PL
<b>Physical</b>					Point Source - Specify:			N	N
Bank Erosion	LIMITED		PL	PL	Pasturing of Livestock			PL	PL
Channelization: - Upstream			N	N	Runoff: - Barnyard			PL	PL
- Downstream			N	N	- Construction			N	PL
Hydraulic Scour / Channel Incision			N	N	- Cropland			PL	PL
Impoundment: - Upstream			N	N	- Urban			PL	PL
- Downstream			N	N	Septic Systems			U	U
Low Flow			N	N	Tile Drainage - Organic Soils			N	PL
Sedimentation	BELOW RIFFLE		PL	N	- Mineral Soils			N	PL
Sludge			N	N	Springs			U	U
Thermal			N	N	Tributary(s)			PL	PL
Turbidity			N	N	Wetland			N	N
Other - Specify:			N	N	Other - Specify:			N	N

Comments  
 SAMPLED SLIGHTLY LARGER AREA IN RIFFLE BECAUSE OF SIZE OF ROCK  
 SITE UPSTREAM FROM BRIDGE IN FIRST RIFFLE (WEIR), NO ANIMALS CURRENTLY  
 Special Instructions for Laboratory IN PASTURE. ALL SAND BELOW TOP RIFFLE, ABOVE  
 LACROSSE RIVER 100 M.

**For Lab Use Only**

Sample Sorter	Taxonomist	Estimated Percent of Sample Sorted
Date Processed	Specimens Saved	

Instructions: Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> Gills Coulee Creek	<b>Waterbody ID Code</b> 1652300	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20201123-32-03
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**Sampling Location**  
 Bottom Site: first RIFFLE 15-25m UPstream OF Bridge Crossing (Site#4)

<b>SWIMS Station ID</b> 10011209	<b>SWIMS Station Name</b> Gills Coulee Creek Station#1	<b>Database Key</b>
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<b>Latitude</b> 43.901793	<b>Longitude</b> -91.120916	<b>Lat/Long Determination method (circle)</b> SWIMS SWDV <u>GPS</u>	<b>Datum Used if using GPS</b> NAD 27 or NAD83
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<b>Basin (WMU)</b>	<b>Watershed Name</b> Lower LaCrosse River	<b>County</b> La Crosse
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**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> Schneyer, Andrew	<b>Project Name</b> Gills Coulee
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**Sampling Device**

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

<b>Total Sampling Time (min)</b> 2m	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 1.5m	<b>Number of Samples in Composite</b> 1	<b>Replicate No.</b> 1 <b>of</b> 1
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**Reason for Sampling**

Least Impacted Reference     
  Baseline     
  Impact / Treatment Site  
 Control Site     
  Trend     
 Other: follow up

<b>Water Temp. (C)</b> 5.8	<b>D.O. (mg/l)</b> 99.1	<b>D.O. (% sat.)</b> 12.39	<b>pH (su)</b> 8.15	<b>Conductivity (umhos/cm)</b> 533	<b>Transparency (cm)</b> n/a
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<b>Water Color</b> <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained	<b>Estimated Stream Velocity (m/s)</b> <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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<b>Measured Velocity</b> n/a	circle units mps or cfs	<b>Average Stream Depth of reach (m)</b> .5	<b>Average Stream Width of reach (m)</b> 1m
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): 30     
 Rubble (tennisball or basketball): 60     
 Gravel (ladybug to tennisball.): \_\_\_\_\_  
 Sand: \_\_\_\_\_ Clay: \_\_\_\_\_     
 Silt/Muck: \_\_\_\_\_     
 Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: 5     
 Leaf Snags: 5     
 Course Woody Debris: \_\_\_\_\_     
 Other ( \_\_\_\_\_ ): \_\_\_\_\_

**Embeddedness of Substrate at Sample Site (%)** 0     
**Canopy Cover at Sample Site (%)** 15%

↑  
 Shading Due to Proximity to Ridge Line  
 Not Trees in Riparian Area

# Wadeable Macroinvertebrate Field Data Report

Form 3200-081 (R 08/14)

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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
<b>Biological</b>			<b>Chemical</b>		
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
Other -Specify:	N	N	Toxics: - Inorganic (Metals)	N	N
Iron Bacteria	N	N	- Organic (PCBs, pesticides ...)	N	N
Macrophytes	PL	PL	Other - Specify:	N	N
Slimes	N	N	<b>Sources of Stream Impacts</b>		
Other - Specify:	N	N	Bank Erosion	PL	PL
<b>Physical</b>			Point Source - Specify:	N	N
Bank Erosion - <i>Very limited</i>	PL	PL <sup>N</sup>	Pasturing of Livestock - <i>Not currently</i>	PL	PL
Channelization - Upstream	N	N	Runoff: - Barnyard	PL	PL
- Downstream	N	N	- Construction	N	PL
Hydraulic Scour / Channel Incision	N	N	- Cropland	PL	PH
Impoundment: - Upstream	N	N	<i>Few houses Along Stream</i> Urban	PL	PL
- Downstream	N	N	Septic Systems	U	U
Low Flow	N	N	Tile Drainage - Organic Soils	PL	PL
Sedimentation <i>Below Riffle</i>	PL	N	- Minerals soils	N	PL
Sludge	N	N	Springs	U	U
Thermal	N	N	Tributary(s)	PL	PL
Turbidity	N	N	Wetland	N	N
Other - Specify:	N	N	Other - Specify:	N	N

**Comments**

*Sampled slightly larger area in Riffle b/c of size of rock / current, site upstream from bridge in first Riffle (Weir), No Animals currently Disturbed.*

**Special Instructions for Laboratory**

*All Sand Below top Riffle, Above Lax Riverloom.*

**For Lab Use Only**

Sample Sorter <i>Isabel Dunn</i>	Taxonomist <i>Dimick Jeffrey</i>	Estimated Percent of Sample Sorted <i>26.6%</i>
Date Processed <i>10/14/2021</i>	Specimens Saved <i>Subsample archived in ABL until Nov 2024</i>	

4:30-8:20

*B4*  
4-  
1-  
2-  
3-  
27

*D3*  
4-  
3-  
2-  
1-  
28

*B2 A1*  
63

*H3*  
1-10  
3  
2  
4

128

