

Instructions: Bold fields must be completed.

**Station Summary**

<b>Waterbody Name</b> DELL CREEK	<b>Waterbody ID Code</b> 1295200	<b>Sample ID (YYYYMMDD-CY-FD)</b> 20161011-29-01
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<b>Sampling Location</b>	<b>Database Key</b> 135786226
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<b>SWIMS Station ID</b> 10044736	<b>SWIMS Station Name</b> DELL CR. US SIMON DR.
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<b>Latitude</b> 43.6486067	<b>Longitude</b> -89.9749542	<b>Lat/Long Determination Method (circle)</b> SWIMS SWDV GPS	<b>Datum Used if using GPS</b> WGS84 or NAD83
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<b>Basin (WMU)</b> LOWER WISCONSIN	<b>Watershed Name</b> DELL CREEK	<b>County</b> JUNEAU
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**Sample and Site Descriptors**

<b>Sample Collector (Last Name, First)</b> DANIELLE R ANHOLZER, MICHAEL J SOR	<b>Project Name</b> DELL CREEK TWA [SECTION 319] [HUC10] 2016
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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> 3.0	<b>Estimated Area Sampled (m<sup>2</sup>)</b> 3.0	<b>Number of Samples in Composite</b> 1	<b>Replicate No.</b> _____ <b>of</b> _____
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**Reason For Sampling**

Least Impacted Reference     
  Baseline     
  Impact / Treatment Site  
 Control Site     
  Trend     
  Other: \_\_\_\_\_

<b>Water Temp. (C)</b> 13.0	<b>D.O. (mg/l)</b> 14.9	<b>D.O. (% sat.)</b> 139	<b>pH (su)</b> 8.7	<b>Conductivity (umhos/cm)</b> 288	<b>Transparency (cm)</b> > 120
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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 checked="" type="checkbox"/> Slow (< 0.15 m/s) <input 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> circle units m/s or f/s	<b>Average Stream Depth of reach (m)</b> 0.20	<b>Average Stream Width of reach (m)</b> 1.0
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**Composition of Substrate Sampled (Percent):**

Bedrock: \_\_\_\_\_ Boulders (basketball or larger): \_\_\_\_\_ Rubble (tennisball to basketball): \_\_\_\_\_ Gravel (ladybug to tennisball): 60  
 Sand: 10 Clay: \_\_\_\_\_ Silt/Muck: \_\_\_\_\_ Overhanging Vegetation: \_\_\_\_\_  
 Aquatic Macrophytes: 10 Leaf Snags: 10 Coarse Woody Debris: 10 Other (\_\_\_\_): \_\_\_\_\_  
 Embeddedness of Substrate at Sample Site (%) 20 Canopy Cover at Sample Site (%) 50

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

Comments

Special Instructions for Laboratory

**For Lab Use Only**

Sample Sorter	Kayla Wilcox	Taxonomist	Derrick Jeffrey	Estimated Percent of Sample Sorted	13%
Date Processed	2/2/17	Specimens Saved	Subsample archived in ABL until May 2020		

EI 88  
 A2 50