

**Wadable Stream Qualitative Fish Habitat Rating
 for Streams > 10 m wide**

Form 3600-532B (R 6/07)

Instructions: Bold fields must be completed. Record all measurements in metric units.

Station Summary

Stream Name <i>Unnamed trib to Tooth Cr.</i>	Waterbody ID Code <i>794300</i>	SWIMS Station ID <i>10044913</i>	FH Database ID <i>128806812</i>
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Date (MMDDYYYY) <i>0601 2017</i>	Station Name <i>Unnamed @ UTHO (vs)</i>
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Latitude - Longitude Determination Method Used <i>GPS</i>	Datum Used <i>NAD 1983</i>
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Start Latitude <i>42.65753</i>	Start Longitude <i>-88.62831</i>	End Latitude <i>42.65804</i>	End Longitude <i>-88.62712</i>	County <i>Walworth</i>
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Water Characteristics

Time (24-hr clock) <i>1221</i>	Air Temperature (C) <i>23.9</i>	Water Temperature (C) <i>15.3</i>	Conductivity (µs/cm) <i>759.2</i>	Transparency (cm) <i>120</i>
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Dissolved Oxygen (mg/l) <i>11.65</i>	Dissolved Oxygen % Saturation <i>115.6</i>	pH <i>7.28</i>
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Flow (m³/sec) <i>_____</i>	Water Level (check one - measure distance if Above or Below Normal): <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Below: _____ (m) <input type="checkbox"/> Above: _____ (m)	Water Clarity: <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Turbid <input type="checkbox"/> Stained
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Channel and Basin Characteristics

Mean Stream Width (m) <i>< 3</i>	Station Length (m) <i>100</i>
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Channel Condition: (check one) <input checked="" type="checkbox"/> Natural <input type="checkbox"/> > 20-year-old Channelization <input type="checkbox"/> 10- to 20-year-old Channelization <input type="checkbox"/> < 10-year-old Channelization <input type="checkbox"/> Concrete Channel
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Percent Channelization	Sinuosity <i>1.34</i>	Gradient (m/km) <i>0.44</i>	Stream Order <i>2</i>	Basin Area (km²) <i>20.07</i>
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Comments / Notes
TDS = 0.4849

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Page 2 of 2

Rating Item	Excellent	Good	Fair	Poor	Score	
Bank Stability % of bank protected by rock or vegetation	No significant bank erosion; ≥ 90% of bank protected; < 10% bare soil	Limited erosion; 70 to 90% of bank protected; 10 - 30% bare soil	Moderate erosion; 50 to 69% of bank protected; 31 - 50% bare soil	Extensive erosion; < 50% of bank protected; > 50% bare soil	12 8 4 0	8
Maximum Thalweg Depth Average of the four deepest depths recorded	Stream very deep; ≥ 1.5 m	Stream relatively deep; 1 - 1.5 m	Stream moderately deep; 0.6 - 0.9 m	Stream relatively shallow; < 0.6 m	25 16 8 0	—
Riffle:Riffle or Bend:Bend Ratio Average distance between riffles or bends divided by average stream width	Diverse habitats; meandering stream with deep bends and riffles common; ratio < 10	Diverse habitats; bends and riffles present, but not abundant; ratio 10 to 14	Habitat diversity low; occasional riffles or bends, ratio 15 to 25	Habitat monotonous; riffles or bends rare; generally continuous run habitat; ratio > 25	12 8 4 0	8
Rocky Substrate % of substrate, by area, that is bedrock, boulder, rubble/cobble, or gravel	Extensive rocky substrate; ≥ 65% of the stream bed	Moderate rocky substrate; 45 - 65% of stream bed	Limited rocky substrate; 15 - 44% of stream bed	Rocky substrate uncommon; < 15% of stream bed	25 16 8 0	16
Cover for Fish % of the stream area with cover	Cover/shelter for fish abundant; ≥ 12% of stream	Cover common, but not extensive; 7 - 12% of stream	Occasional cover, limited to one or two areas; 2 - 6% of stream	Cover rare or absent; limited to < 2% of stream	25 16 8 0	8
Total Score					40	