

# Fisheries Management

## Appendix A. Trout Stream Classification Checklist (revised 8/2013)

(This completed checklist should accompany any trout stream classification changes. Check the items as appropriate and attach comments if desired.)

Stream name: Unnamed tributary to City Creek  
(if stream is known by another name please list both names with the more common name first)

County: Ashland WBIC: 2930200

Define the portion of the stream to be classified. Please provide both a written description and the coordinate locations of the upstream and downstream beginning and end points.

This stream should be classified from its confluence with City Creek upstream to its headwaters that originate just to the south of W. Lake Dr. in the town of Mercer (T44N 2W 5S)

This written description should reference permanent, unambiguous landmarks that would allow a person unfamiliar with the area to locate the points (e.g., dams, road crossings, stream confluences, county lines, section lines, township lines)

Please provide coordinate locations in one of three formats:

Longitude/Latitude (Degrees, Minutes, Seconds): 89° 41' 28.7" W , 44° 55' 14.0" N

Longitude/Latitude (Decimal Degrees): -89.691332, 44.920576

WTM91 (easting and northing in meters): 544361, 494173

Upstream point coordinates: -90.6441, 46.2890

Downstream point coordinates: -90.6411, 46.3025

Classification proposed 2

Fish survey (including relative abundance, length distribution, and age structure) and habitat survey completed on water to be classified. Survey on file at Mercer (office location)

Fish team supervisor and district fisheries supervisor have approved the classification.  
Date 9/24/15

Water leader has consulted with other Water Division Bureaus, especially for class III waters. Date 9/16/15

Public notice published in local newspaper or other media. Date 9/17/15

Notice sent to all clerks of the county, town, city, or village in which the stream is located.  
Date 9/23/15

# Fisheries Management

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Trout Stream Classification Checklist (revised 8/2013) - Continued

- Notice sent to legislators in the affected districts. Date 9/23/15
- Notice sent to chairpersons of legislative committees with jurisdiction for natural resources issues. Date 9/23/15
- No hearing requested 30 days after public notice.
- Hearing requested, held, and classification recommended. Date \_\_\_\_\_

Signed: *Paul Lamm* Date: 11/10/15  
Fisheries Biologist

Approved: *Michael T. Vogelz* Date: 11/12/15  
Fish Team Supervisor

*Michael T. Vogelz* Date: 11/12/15  
District Fisheries Supervisor

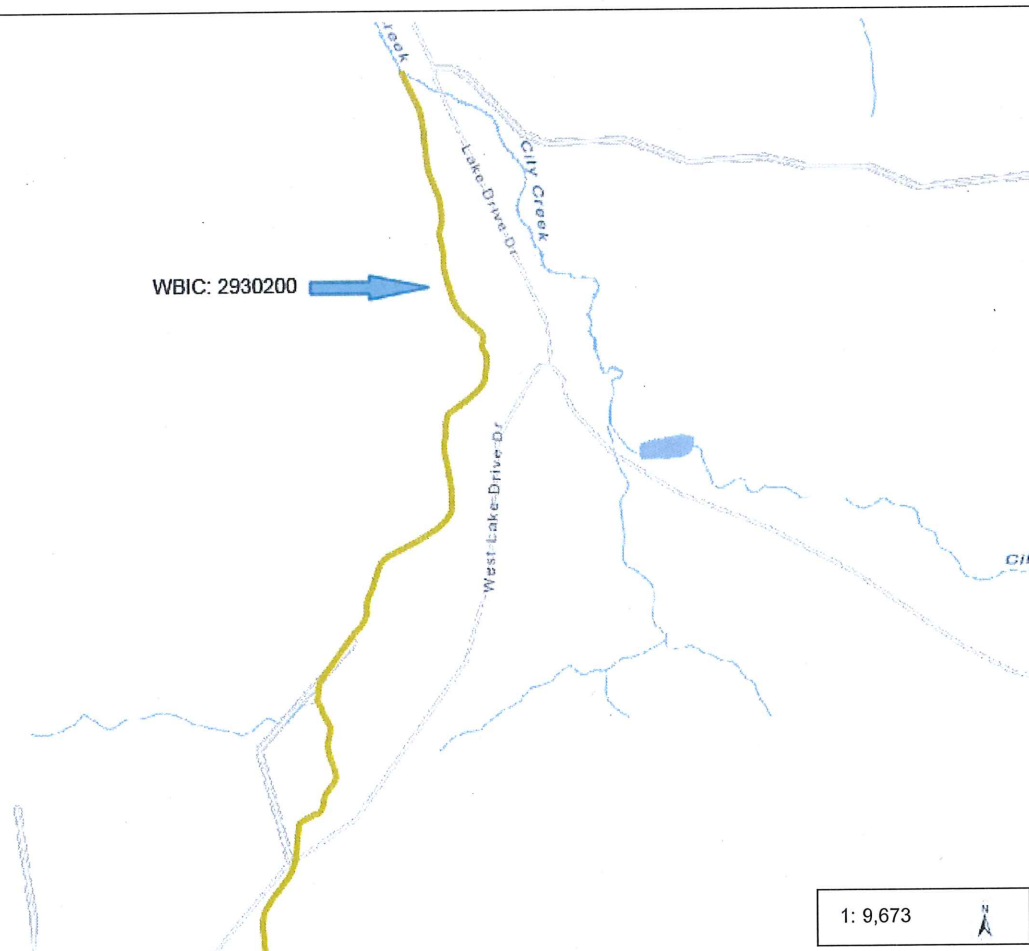
\_\_\_\_\_  
District Water Leader Date: \_\_\_\_\_



# Ashland County, WBIC:2930200, 1.09 Miles



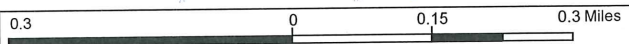
WBIC: 2930200



### Legend

- Rivers and Streams
- Open Water

1: 9,673



NAD\_1983\_HARN\_Wisconsin\_TM  
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### Notes

Headwaters that originate just to the south of West Lake Drive (south of Mellen) downstream to the confluence with City Creek (T44N R2W S17).

Station ID: 72596445  
Natural Resources 87836446

Survey ID: 42032480

Visit ID: 712117

Instructions: Bold fields must be completed.

Summary

Stream Name: **Unnamed Cr. Trib to City Cr.** Waterbody ID Code: **2930200** SWIMS Station ID: **10041530** FH Database ID: \_\_\_\_\_  
Date (MMDDYYYY): **7/31/13** Station Name: **Upstream of snowmobile bridge** T44NR2W Sec 8 SW 1/4 of SE 1/4  
Latitude - Longitude Determination Method Used: **Handheld GPS** Datum Used: **WGS 84**  
Start Latitude: **N46.30132** Start Longitude: **W.90.64043** End Latitude: **N46.30077** End Longitude: **W90.64043** County: **Ashland**

Water Characteristics  
Time (24-hr clock): **~1300** Air Temperature (C): **~72** Water Temperature (C): **58.0 F** Conductivity (µs/cm): \_\_\_\_\_ Transparency (cm): \_\_\_\_\_  
Dissolved Oxygen (mg/l): \_\_\_\_\_ Dissolved Oxygen % Saturation: \_\_\_\_\_ pH: \_\_\_\_\_  
Flow (m³/sec): \_\_\_\_\_ Water Level (check one - measure distance if Above or Below Normal):  
 Normal  Below: \_\_\_\_\_ (m)  Above: \_\_\_\_\_ (m) Water Clarity:  
 Clear  Turbid  Stained

Channel and Basin Characteristics  
Channel Condition: (check one)  Natural  > 20-year-old Channelization  10- to 20-year-old Channelization  < 10-year-old Channelization  Concrete Channel  
Mean Stream Width (m): **5.5 ft. 1.6m** Percent Channelization: \_\_\_\_\_ Sinuosity: \_\_\_\_\_ Gradient (m/km): \_\_\_\_\_ Stream Order: \_\_\_\_\_ Basin Area (km²): \_\_\_\_\_

Sampling Description  
Sampling Type (check one):  CPE  Depletion  Mark-Recapture  Other - Specify: \_\_\_\_\_  
Station Length (m): **100** Start Time (24-hr clock): **~1300** Finish Time (24-hr clock): **1309:29**  
Type of Pass (check one):  Upstream Only  Upstream, then Downstream  Other - Specify: \_\_\_\_\_

Gear Description  
Gear (Indicate number of each type used):  
Backpack Shockers: **1** Stream Shockers: \_\_\_\_\_ Mini-Boom Shockers: \_\_\_\_\_ Number of Anodes per Unit: **1**

Person(s) Who Collected Data (Full Names)

**Eslinger, Falstad, Hulio**

Comments / Notes (continue on the back of this sheet if necessary)

Started just upstream of snowmobile bridge and ended 100m upstream of riffle. Nice meandering stream with diverse habitats and cold water / good gradient. Only limiting factor is volume of water.

# Wadable Stream Qualitative Fish Habitat for Streams < 10 m wide

Form 3600-532A (R 6/07)

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Rating Item	Excellent	Good	Fair	Poor	Score
<b>Riparian Buffer Width (m)</b> Width of contiguous undisturbed land uses; meadow, shrubs, woodland, wetland, exposed rock	Riparian zone well protected; buffer wide (> 10.0 m) 15	Riparian zone protected, but buffer width moderate (5.0 - 10.0 m) 10	Riparian zone moderately disturbed, buffer narrow (1.0 - 4.9 m) 5	Most of the riparian zone disturbed, buffer very narrow or absent (< 1.0 m) 0	15
<b>Bank Erosion</b> Width of bare soil on bank, along transects	No significant bank erosion; < 0.20 m of bank is bare soil 15	Limited erosion; 0.20 - 0.50 m of bank is bare soil 10	Moderate erosion; 0.51 - 1.0 m of bank is bare soil 5	Extensive erosion; > 1.0 m of bank is bare soil 0	10
<b>Pool Area</b> % of stream length in pools	Pools common; wide, deep, slow velocity habitat, balanced by other habitats; 40 to 60% of station 10	Pools present; not frequent or over-abundant; 30 to 39% or 61 to 70% of station 7	Pools present, but either rare or overly dominant, few other habitats present; 10 to 29% or 71 to 90% of station 3	Pools either absent or dominant, not balanced by other habitats; < 10% or > 90% of station 0	3
<b>Width:Depth Ratio</b> Average stream width divided by average thalweg depth in runs and pools	Streams very deep and narrow; width/depth ≤ 7 15	Stream relatively deep and narrow; width/depth 8-15 10	Stream moderately deep and narrow; width/depth 16-25 5	Stream relatively wide and shallow; width/depth > 25 0	5
<b>Riffle:Riffle or Bend:Bend Ratio</b> Average distance between riffles or bends divided by average stream width	Diverse habitats; meandering stream with deep bends and riffles common; ratio < 10 15	Diverse habitats; bends and riffles present, but not abundant; ratio 10 to 14 10	Habitat diversity low; occasional riffles or bends, ratio 15 to 25 5	Habitat monotonous; riffles or bends rare; generally continuous run habitat; ratio > 25 0	15
<b>Fine Sediments</b> % of the substrate that is < 2 mm (sand, silt, or clay)	Fines rare or absent; < 10% of the stream bed 15	Fines present but limited, generally in stream margins or pools; 10 to 20% of stream bed 10	Fines common in mid-channel areas; present in riffles and extensive in pools; 21 to 60% 5	Fines extensive in all habitats; > 60% of stream bed covered 0	15
<b>Cover for Fish</b> % of the stream area with cover	Cover/shelter for fish abundant; > 15% of stream 15	Cover common, but not extensive; 10 - 15% of stream 10	Occasional cover, limited to one or two areas; 5 - 9% of stream 5	Cover rare or absent; limited to < 5% of stream 0	10
<b>Total Score</b>					<b>73</b>

## Unnamed tributary to City Creek, WBIC 2930200

### Iron/Ashland Trout Classification CPEs

Waterbody Name	WBIC	Year	Catch/Hr	Catch/Mi
UNNAMED SINGLE-LINE STREAM T44N-R2W-S8	2930200	2013	60	144.81
UNNAMED SINGLE-LINE STREAM T44N-R2W-S8	2930200	2013	60	225.26

