

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 Tyler Forks River
(if stream is known by another name please list both names with the more common name first)

County: Iron WBIC: 2926600

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.

Headwaters to the confluence with Tyler Forks River
44° N 14' 55" in the township of Anderson

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: 46.3214, -70.4942

Downstream point coordinates: 46.3209, -70.5141

Classification proposed 3

☒ 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

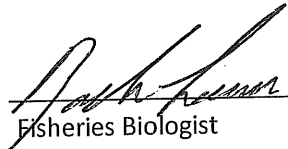
☒ Public notice published in local newspaper or other media. Date 9/17/15

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

Fisheries Management

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:  Date: 11/10/15
Fisheries Biologist

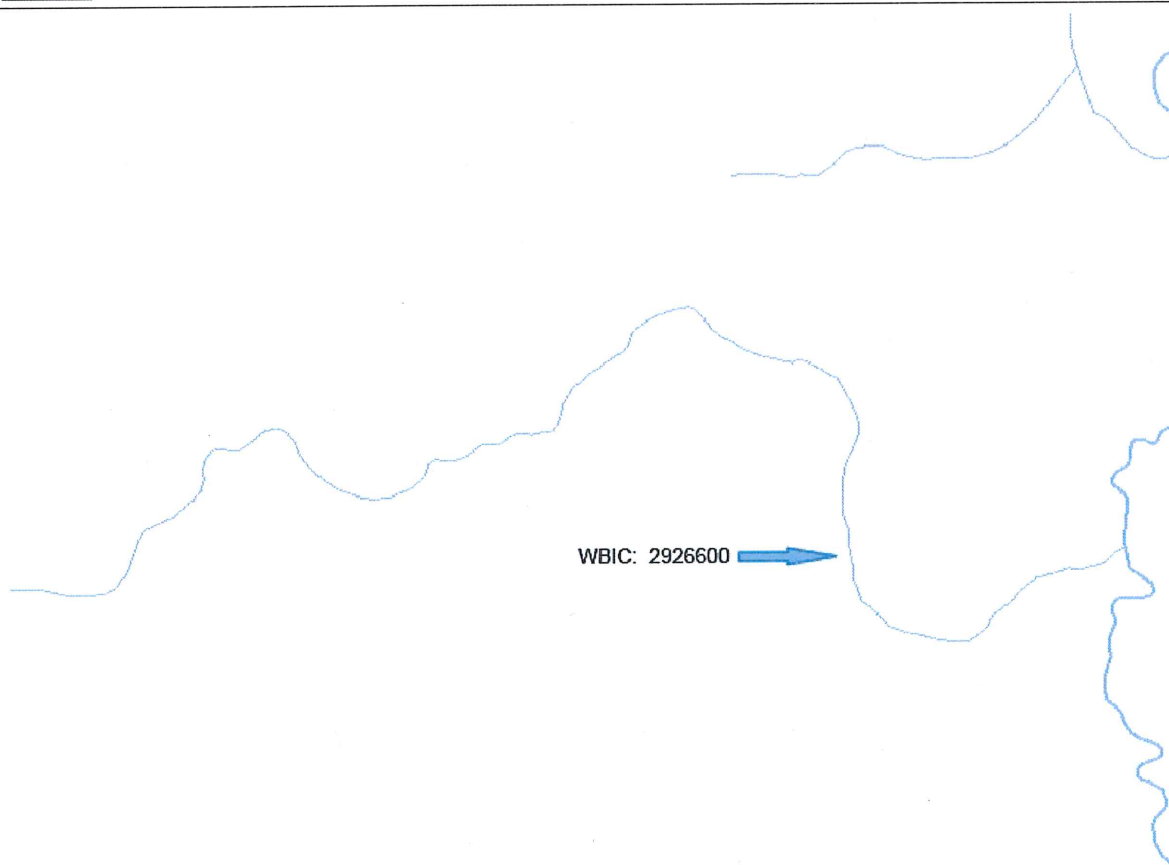
Approved: Michael T. Vogelzang Date: 11/12/15
Fish Team Supervisor

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

District Water Leader Date: _____



Iron County, WBIC:2926600, 1.36 Miles



Legend

- Rivers and Streams
- Open Water

1: 7,648



0.2 0 0.12 0.2 Miles

NAD_1983_HARN_Wisconsin_TM
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Notes

Headwaters of this first order stream to the confluence with the Tyler Forks (T44N R1W S5)

2926600

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

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

Form 3600-532A (R 6/07)

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

Station Summary

Stream Name <i>Unnamed below cascade in S NW 4-44R-1W 2926600</i>	Waterbody ID Code <i>2926600</i>	SWIMS Station ID	FH Database ID
Date (MM/DD/YYYY) <i>06/12/2013</i>	Station Name <i>Below Waterfall</i>		
Latitude - Longitude Determination Method Used <i>Garmin GPS map 62s</i>			Datum Used
Start Latitude	Start Longitude	End Latitude	End Longitude
		County	

Water Characteristics

Time (24-hr clock) <i>4:25 pm</i>	Air Temperature (C) <i>70°</i>	Water Temperature (C) <i>16.66</i>	Conductivity (µs/cm) <i>34</i>	Transparency (cm)
Dissolved Oxygen (mg/l) <i>4.15 **</i>		Dissolved Oxygen % Saturation <i>39.5 **</i>	pH <i>6.4</i>	
Flow (m³/sec)	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	

Channel and Basin Characteristics

Mean Stream Width (m)	Station Length (m) <i>100</i>			
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				
Percent Channelization <i>0</i>	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)

Comments / Notes

*** Meter calibration*
Additional Notes from Field log

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

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Rating Item	Excellent	Good	Fair	Poor	Score
Riparian Buffer Width (m) Width of contiguous undisturbed land uses; meadow, shrubs, woodland, wetland, exposed rock	Riparian zone well protected; buffer wide (> 10.0 m)	Riparian zone protected, but buffer width moderate (5.0 - 10.0 m)	Riparian zone moderately disturbed, buffer narrow (1.0 - 4.9 m)	Most of the riparian zone disturbed, buffer very narrow or absent (< 1.0 m)	15
	15	10	5	0	
Bank Erosion Width of bare soil on bank, along transects	No significant bank erosion; < 0.20 m of bank is bare soil	Limited erosion; 0.20 - 0.50 m of bank is bare soil	Moderate erosion; 0.51 - 1.0 m of bank is bare soil	Extensive erosion; > 1.0 m of bank is bare soil	10
	15	10	5	0	
Pool Area % of stream length in pools	Pools common; wide, deep, slow velocity habitat, balanced by other habitats; 40 to 60% of station	Pools present; not frequent or over-abundant; 30 to 39% or 61 to 70% of station	Pools present, but either rare or overly dominant, few other habitats present; 10 to 29% or 71 to 90% of station	Pools either absent or dominant; not balanced by other habitats; < 10% or > 90% of station	5
	10	7	3	0	
Width:Depth Ratio Average stream width divided by average thalweg depth in runs and pools	Streams very deep and narrow; width/depth ≤ 7	Stream relatively deep and narrow; width/depth 8-15	Stream moderately deep and narrow; width/depth 16-25	Stream relatively wide and shallow; width/depth > 25	0
	15	10	5	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	5
	15	10	5	0	
Fine Sediments % of the substrate that is < 2 mm (sand, silt, or clay)	Fines rare or absent, < 10% of the stream bed	Fines present but limited, generally in stream margins or pools; 10 to 20% of stream bed	Fines common in mid-channel areas, present in riffles and extensive in pools; 21 to 60%	Fines extensive in all habitats; > 60% of stream bed covered	15
	15	10	5	0	
Cover for Fish % of the stream area with cover	Cover/shelter for fish abundant; > 15% of stream	Cover common, but not extensive; 10 - 15% of stream	Occasional cover, limited to one or two areas; 5 - 9% of stream	Cover rare or absent; limited to < 5% of stream	10
	15	10	5	0	
Total Score					58

Unnamed tributary to Tyler Forks River, WBIC 2926600

Iron/Ashland Trout Classification CPEs

Waterbody Name	WBIC	Year	Catch/Hr	Catch/Mi
UNNAMED SINGLE-LINE STREAM T44N-R1W-S4	2926600	2013	13.64	80.45

