

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 Boomer Creek
(if stream is known by another name please list both names with the more common name first)

County: Iron WBIC: 2941500

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 Boomer Creek
46W RI S34 in the township of Saxon

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: 46.4273, -90.3482

Downstream point coordinates: 46.4692, -90.3492

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

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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: [Signature] Date: 11/10/15
Fisheries Biologist

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

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

District Water Leader Date: _____



Iron County, WBIC:2941500, 3.95 Miles



Legend

- Rivers and Streams
- Open Water

WBIC: 2941500

Boomer Creek

Pequette Creek

Flood Creek

Mud Creek

1: 44,852



1.4 0 0.71 1.4 Miles

NAD_1983_HARN_Wisconsin_TM
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Notes

Headwaters to the confluence with Boomer Creek (T46N R1E S34)

Instructions: Bold fields must be completed.

Station Summary

Stream Name Unnamed Trib T 46-R 1W-1E Waterbody ID Code 2941500 SWIMS Station ID 10044096 FH Database ID Sec 15

Date (MM/DD/YYYY) 7/21/15 Station Name Upstream of ATD bridge

Latitude - Longitude Determination Method Used Datum Used

Start Latitude 46.46890 Start Longitude -90.34953 End Latitude 46.46820 End Longitude -90.35019 County Iron

Water Characteristics

Time (24-hr clock) 1330 Air Temperature (C) 75 Water Temperature (C) 66 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) 1 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) 105 Start Time (24-hr clock) 1330 Finish Time (24-hr clock) 1341

Type of Pass (check one):
☒ Upstream Only ☐ Upstream, then Downstream ☐ Other - Specify:

Gear Description

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

Person(s) Who Collected Data (Full Names) Lansari / Folstad

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

46.46890
-90.34953

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

Form 3600-532A (R 6/07)

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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) 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
Bank Erosion 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	15
Pool Area % 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
Width:Depth Ratio 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
Rifle:Rifle 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 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	10
Fine Sediments % 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
Cover for Fish % 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	5
Total Score					68

Unnamed tributary to Boomer Creek, WBIC 2941500

Iron/Ashland Trout Classification CPEs

Waterbody Name	WBIC	Year	Catch/Hr	Catch/Mi
UNNAMED SINGLE-LINE STREAM T46N-R1E-S15	2941500	2015	79.47	225.26

