

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

County: Ashland WBIC: 5002582

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.

From the headwaters (upstream of County Line Road) downstream to the confluence with Morgan Creek 45W 4W S31 in the township of Morgan

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: 46.3409, -90.9216

Downstream point coordinates: 46.3510, -90.9221

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 Morgan (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

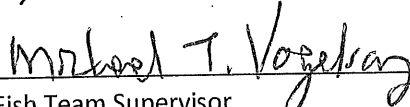
☒ Notice sent to all clerks of the county, town, city, or village in which the stream is located.
Date 9/23/15

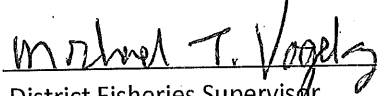
Fisheries Management

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:  Date: 11/12/15
Fish Team Supervisor

 Date: 11/12/15
District Fisheries Supervisor

District Water Leader

Date: _____

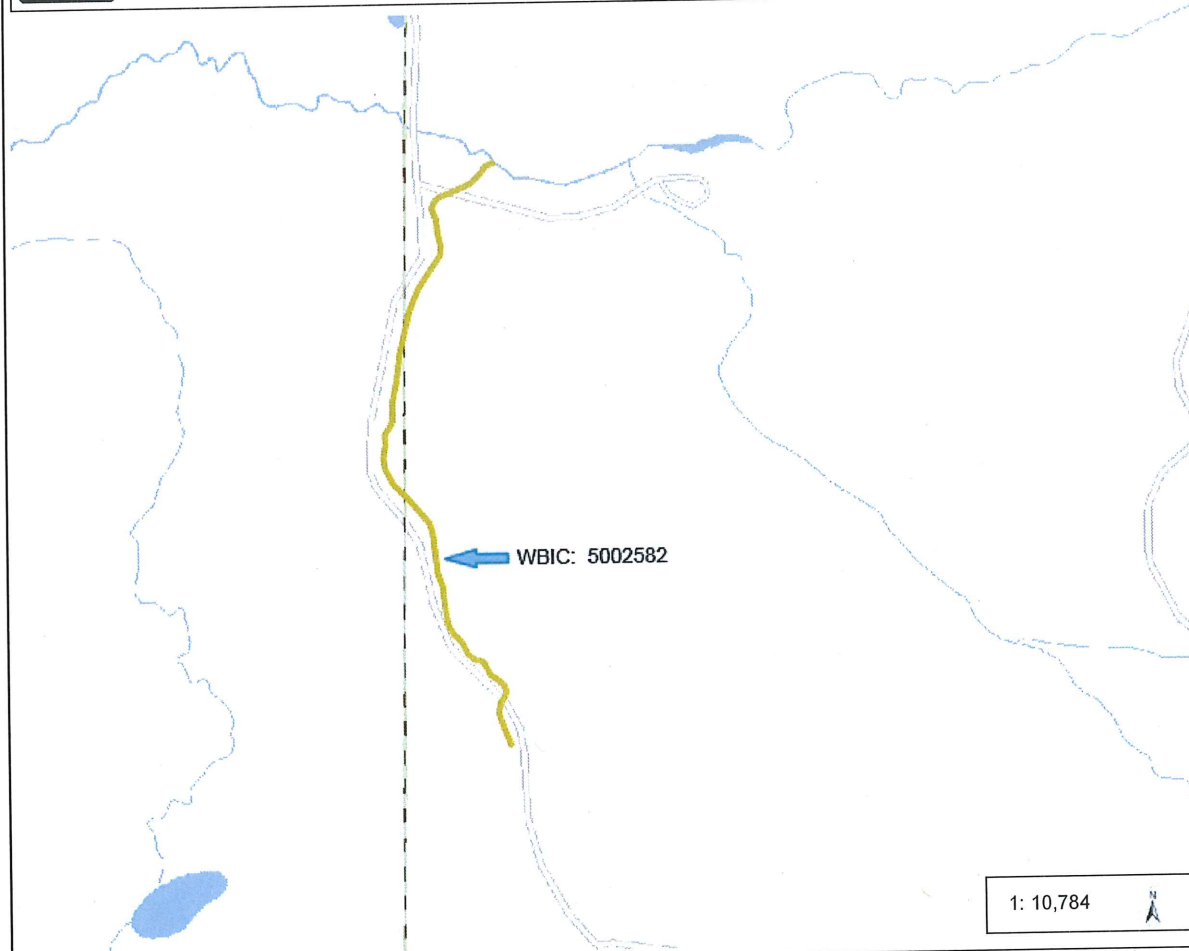


Ashland County, WBIC:5002582, .81 Miles



Legend

- Rivers and Streams
- Open Water



1: 10,784



0.3 0 0.17 0.3 Miles

NAD_1983_HARN_Wisconsin_TM
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Notes

Headwaters upstream of County Line Road to the confluence with Morgan Creek (T45N R4W S31)

*old fields must be completed.

Station ID: 86959045 Survey ID: 4211796320 V.S. ID: 712443
86659045

Primary Name: Unnamed Trib to Morgan Cr. (Site 3) Waterbody ID Code: 5002582 SWIMS Station ID: 10041402 FH Database ID: _____

(MMDDYYYY) Station Name: 7/04/13 Unnamed Trib to Morgan Creek

Latitude - Longitude Determination Method Used: SWDV Handheld GPS T45N R4W Sec. 30 Datum Used: WGS 84

Start Latitude: N 46.3510 Start Longitude: W -90.9220 End Latitude: N 46.35049 End Longitude: W 090.92318 County: Ashland

Water Characteristics

Time (24-hr clock): ~ 13:30 Air Temperature (C): = 70°F Water Temperature (C): 54°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): ~ 1.5 m 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 get w/ SWDV Start Time (24-hr clock): ~ 13:10 Finish Time (24-hr clock): ~ 13:30

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): Eshenr, Julio

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

Unnamed trib to Morgan Cr. started approx. 10 m upstream from confluence with Morgan Cr. and ended at footbridge on USFS hiking trail. Beautiful little stream with run, riffle, and an occasional pool at a meander with wood to slow flow. Nothing but brookies captured or seen. Good gradient & baseflow.

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

Form 3600-532A (R 6/07)

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	10
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 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
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	15
Total Score					88

Unnamed tributary to Morgan Creek, WBIC 5002582

Iron/Ashland Trout Classification CPEs

Waterbody Name	WBIC	Year	Catch/Hr	Catch/Mi
UNNAMED SINGLE-LINE STREAM T45N-R4W-S31	5002582	2013	87	466.61

