

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

County: Iron WBIC: 2908600

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 just south of Coolidge Lake Road to the confluence with the Potato River 45N 1W S25 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: 46.3558, -90.4395

Downstream point coordinates: 46.3878, -90.4245

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 Morcor (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: *Bob Peun* Date: 11/10/15
Fisheries Biologist

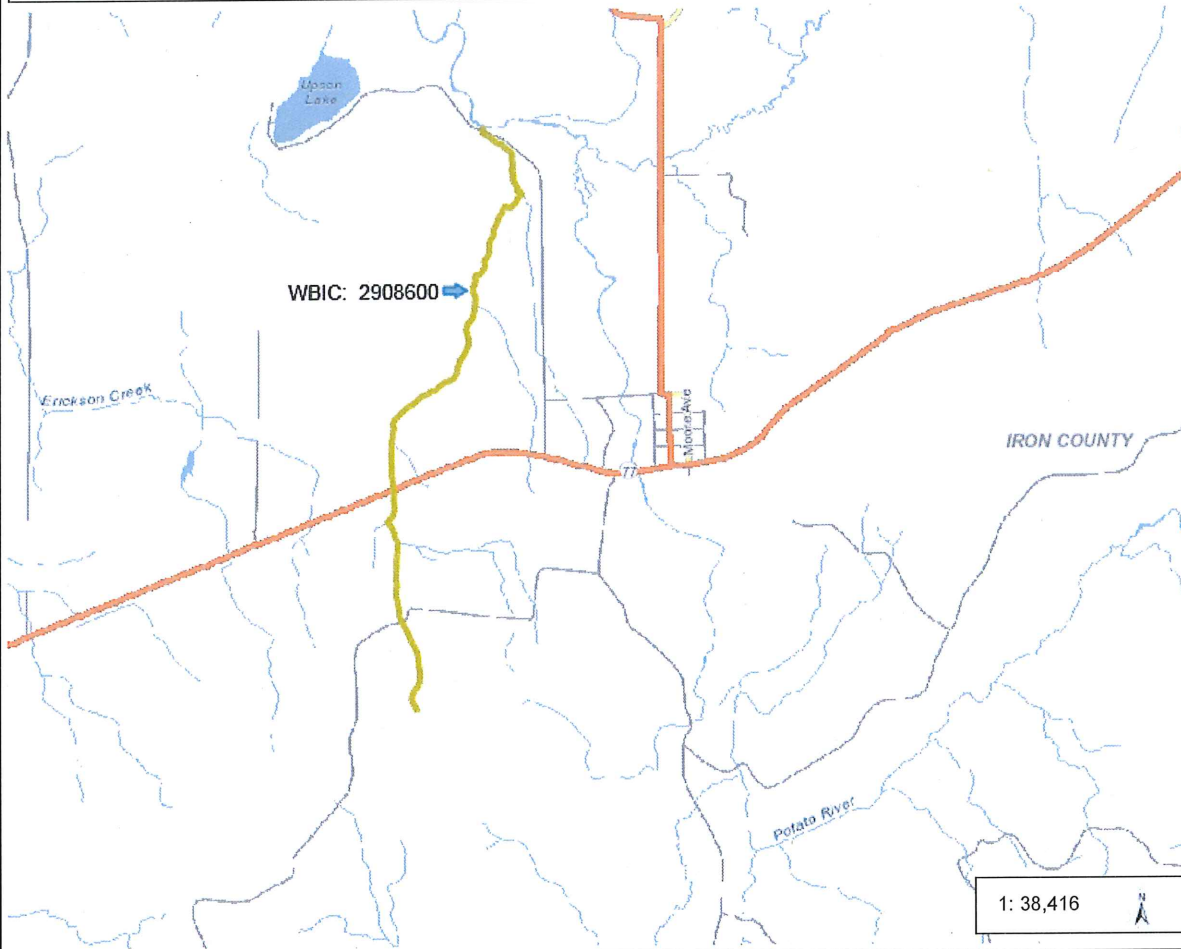
Approved: *Michael T. Vogelsang* Date: 11/10/15
Fish Team Supervisor

Michael T. Vogelsang Date: 11/10/15
District Fisheries Supervisor

District Water Leader Date: _____



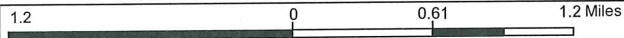
Iron County, WBIC:2908600, 2.9 Miles



Legend

- Rivers and Streams
- Open Water

1: 38,416



NAD_1983_HARN_Wisconsin_TM
© Latitude Geographics Group Ltd.

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made aregarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/org/legal/>

Notes
Headwaters of the stream (near Caroline Lake Road) to the confluence with the Potato River (T45N R1W S25)

Station ID: 86007040 Survey ID: 420894751 Visit ID: 712406

Instructions: Bold fields must be completed.

Information Summary

Stream Name unnamed -> (Kick-a-hawk)		Waterbody ID Code 270.8600	SWIMS Station ID 10041396	FH Database ID
Date (MMDDYYYY) 7/23/13	Station Name Downstream of Upon Lk Rd.			
Latitude - Longitude Determination Method Used Handheld GPS				Datum Used WGS 84
Start Latitude 46.38649	Start Longitude 90.42146	End Latitude 46.38713	End Longitude 90.42261	County IRON

Water Characteristics

Time (24-hr clock) ~ 12:50	Air Temperature (C) 70°	Water Temperature (C) 63	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): <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Below: _____ (m) <input type="checkbox"/> Above: _____ (m)	Water Clarity: <input type="checkbox"/> Clear <input type="checkbox"/> Turbid <input checked="" type="checkbox"/> Stained
---------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------

Channel and Basin Characteristics

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	Mean Stream Width (m) 3-5 → 4' 12m	Percent Channelization	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------	------------------------	-----------	-----------------	--------------	------------------

Sampling Description

Sampling Type (check one): <input checked="" type="checkbox"/> CPE <input type="checkbox"/> Depletion <input type="checkbox"/> Mark-Recapture <input type="checkbox"/> Other - Specify: _____	Station Length (m) 100	Start Time (24-hr clock) 12:50pm	Finish Time (24-hr clock) 1:20pm
Type of Pass (check one): <input checked="" type="checkbox"/> Upstream Only <input type="checkbox"/> Upstream, then Downstream <input type="checkbox"/> Other - Specify: _____			

Gear Description

Gear (indicate number of each type used): <u>1</u> Backpack Shockers <u> </u> Stream Shockers <u> </u> Mini-Boom Shockers	Number of Anodes per Unit 1
Person(s) Who Collected Data (Full Names) Hulio, Folstad, Meyer	

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

Start of Potato River
upstream end - upon lake road culvert
Saw BKT swim through culvert before being shocked
Nice cool water trib to Potato... Needs trout stream classification.

Coordinates used in Database:

Start: 46.3878
-90.4245 end: 46.3876
-90.4246

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

Form 3600-532A (R 6/07)

Page 2 of 2

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)	10
	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	7
	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	5
	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	10
	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	5
	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					57

Unnamed tributary to Potato River, WBIC 2908600

Iron/Ashland Trout Classification CPEs

Waterbody Name	WBIC	Year	Catch/Hr	Catch/Mi
UNNAMED SINGLE-LINE STREAM T45N-R1E-S7	2908600	2013	120	386.16

