TROUT STREAM CLASSIFICATION PROPOSAL
BAYFIELD COUNTY, WISCONSIN

Wisconsin Department of Natural Resources
Fisheries Management Bureau
Lake Superior Fisheries Unit – Superior Office

Submitted to Lori Tate, Section Chief, Bureau of Fisheries Management (Central Office)

Approved by
Bradley Eggold, Great Lakes Fisheries Unit Supervisor (Milwaukee) and
Bradley Ray, Lake Superior Fisheries Team Supervisor (Bayfield)

Submitted by Paul Piszczek, Senior Fisheries Biologist, Superior Office

December 1, 2020

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- Habitat rating sheets

Trout Stream Classification Checklist (revised 2/2016)

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

Stream name: Lenawee Creek

County: Bayfield WBIC: 2880200

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.

Lenawee Creek (T49N R07W S9), Town of Clover; 1.00 mile beginning at the upstream terminus of the existing Class 1 trout water segment of Lenawee Creek, approximately 0.13 mile east of Puig Road and flowing through existing State land within the South Shore Lake Superior Fishery Area.

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)

Upstream point coordinates: 91.73093 W, 46.24168 N
Downstream point coordinates: 91.74655 W, 46.24010 N
Classification proposed: I

X Fish survey (including relative abundance, length distribution, and age structure) and habitat survey completed on water to be classified. Survey on file at DNR Superior paper files, Superior network electronic files, Fisheries Management Database (query WBIC)

X Fish team supervisor and district fisheries supervisor have approved the classification. Date: 09/28/2020

X Fish Biologist has consulted with the following staff in their office or district

X	Permit Drafter: Eric de Venecia, 9/25/2020	Concerns	Yes	(No)
X	Water Resource Specialist: John Kleist, 10/3/2020	Concerns	Yes	(No)
X	Water Management Specialist: Jenny Murphy, 10/3/2020	Concerns	Yes	(No)
X	Water Management Specialist: Dan Harrington, 10/15/2020	Concerns	Yes	(No)
X	Drinking and Groundwater staff: Christian Martinez, 10/3/2020	Concerns	Yes	(No)

X Public notice published in local newspaper or other media. 10/9/2020

X Notice sent to all clerks of the county, town, city, or village in which the stream is located. 10/8/2020

X Notice sent to legislators in the affected districts. 10/8/2020

X Notice sent to chairpersons of legislative committees with jurisdiction for natural resources issues. 10/8/2020

X No hearing requested 30 days after public notice.

N/A Hearing requested, held, and classification recommended. Date: N/A

Signed: Paul Piszczek Date: 12/1/2020
Fisheries Biologist

Approved: Date: 01 Dec 2020
Fish Team Supervisor

Brad Eggold Date: 01 Dec 2020
District Fisheries Supervisor

FH DATABASE
ENTERED 11-5-2015 [illegible]
PROOFED 11/30/2015 KCG.

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

Wadable Stream Fish Assessment

Form 3600-230 (R 6/07)

Instructions: **Bold fields must be completed.**

Station Summary

Stream Name	**Waterbody ID Code**	**SWIMS Station ID**	**FH Database ID**
LENAWEE CR	2880200	10044156	122093826

Date (MMDDYYYY)	**Station Name**
09-24-2015	1000 ft u/s FROM PULG ROAD

Latitude - Longitude Determination Method Used	**Datum Used**
GARMIN GPS MAP 78	WGS 84

Start Latitude	**Start Longitude**	End Latitude	End Longitude	**County**
46.7435	91.2407	46.7429	91.2407	BAYFIELD

Water Characteristics

Time (24-hr clock)	Air Temperature (C)	Water Temperature (C)	Conductivity (µs/cm)	Transparency (cm)
13:10		NOT MEASURED		

Dissolved Oxygen (mg/l)	Dissolved Oxygen % Saturation	pH
	50 USED AS PLACE HOLDER	

Flow (m³/sec)

Water Level (check one - measure distance if Above or Below Normal): [X] Normal [ ] Below: ______ (m) [ ] Above: ______ (m)

Water Clarity: [X] Clear [ ] Turbid [ ] Stained

Channel and Basin Characteristics

Channel Condition: (check one) [X] Natural [ ] > 20-year-old Channelization [ ] 10- to 20-year-old Channelization [ ] < 10-year-old Channelization [ ] Concrete Channel

Mean Stream Width (m)	**Percent Channelization**	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
1.4				3	

Sampling Description

Sampling Type (check one): [X] CPE [ ] Depletion [ ] Mark-Recapture [ ] Other - Specify: ______

Station Length (m)	**Start Time (24-hr clock)**	**Finish Time (24-hr clock)**
100	12:28	13:05

Type of Pass (check one): [X] Upstream Only [ ] Upstream, then Downstream [ ] Other - Specify: ______

Gear Description

Gear (indicate number of each type used): 1 Backpack Shockers ___ Stream Shockers ___ Mini-Boom Shockers

Number of Anodes per Unit: 1

Current Type:	**Volts**	**Amps**	**Pulse Rate**	**Duty Cycle**
[ ] AC [ ] DC [X] DCP	250	0.4	80	20

Person(s) Who Collected Data (Full Names)

PAUL PISZCZEK, MADELINE WEDGE

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

- PART OF FIELD EVALUATION FOR PHASE 2 LAND SALES
- new 100 m survey station to represent common aquatic habitat features within property boundaries (SSLSFWA)

Length weight BKT GILL LICE : N, L, M, H None, Light, Moderate, Heavy

Length (in) (g)	L W	L W (g)		L W (g)	L W (g)	SPECIES							
BKT	BKT YOY	BNT	BNT YOY	COH	CENT. MUDMINNOW	.							
6.5 N 43	2.9 6	5.4 24		3.6 9	3.5 7								
6.0 N 34	2.5	6.1 36		3.3 5	3.3 6								
5.1 N 19	3.2 5	5.1 20		✓	2.9 4								
6.3 N 43	2.6 2	4.9 18			2.7 4								
9.3 M 130	2.8	✓			3.0 5								
5.1 M 25					✓								
5.1 N 22													
✓													

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)

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

Station Summary

Stream Name	Waterbody ID Code	SWIMS Station ID	FH Database ID
LENAWEE CREEK	2880200		

Date (MMDDYYYY)	Station Name
* 12-1-2020	1000 ft u/s FROM PUIG ROAD

Latitude - Longitude Determination Method Used	Datum Used
GARMIN GPS MAP 78	WGS 84

Start Latitude	Start Longitude	End Latitude	End Longitude	County
46.7435	91.2407	46.7429	91.2407	BAYFIELD

Water Characteristics

Time (24-hr clock)	Air Temperature (C)	Water Temperature (C)	Conductivity (µs/cm)	Transparency (cm)
		NOT MEASURED		

Dissolved Oxygen (mg/l)	Dissolved Oxygen % Saturation	pH
	50°F USED AS PLACEHOLDER	

Flow (m³/sec)	Water Level (check one - measure distance if Above or Below Normal):	Water Clarity:
	☒ Normal ☐ Below: _____(m) ☐ Above: _____(m)	☒ Clear ☐ Turbid ☐ Stained

Channel and Basin Characteristics

Mean Stream Width (m)	Station Length (m)
1.4	100

Channel Condition: (check one) ☒ Natural ☐ > 20-year-old Channelization ☐ 10- to 20-year-old Channelization ☐ < 10-year-old Channelization ☐ Concrete Channel

Percent Channelization	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
			3	

Comments / Notes BY APISZCZEK

- New survey station to represent common aquatic habitat features within property boundaries (SSLSFWA) → [SSLSFA]

* DESKTOP RATING DONE AFTER-THE-FACT, BASED ON RECOLLECTION AND PHOTOS FROM FISH SURVEY

8

Wadable Stream Qualitative Fish Habitat Rating 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	10
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	7
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
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	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	5
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	10
				Total Score	62

Trout Stream Classification Checklist (revised 2/2016)

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

Stream name: Unnamed Creek 21-8 (T49N R05W)

County: Douglas WBIC: None Assigned

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.

Unnamed Creek 21-8 (T49N R05W S21), Town of Bayview; 0.06 mile beginning approximately 0.10 mile west of the County Highway C culvert, north to County Highway C.

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)

Upstream point coordinates: 46.71408° N, -91.00249° W
Downstream point coordinates: 46.71347° N, -91.00236° W
Classification proposed: I

X Fish survey (including relative abundance, length distribution, and age structure) and habitat survey completed on water to be classified. Survey on file at DNR Superior paper files, Superior network electronic files, Fisheries Management Database (query WBIC)

X Fish team supervisor and district fisheries supervisor have approved the classification. Date: 09/28/2020

X Fish Biologist has consulted with the following staff in their office or district

X Permit Drafter: Eric de Venecia, 9/25/2020 Concerns Yes (No)

X Water Resource Specialist: John Kleist, 10/3/2020 Concerns Yes (No)

X Water Management Specialist: Jenny Murphy, 10/3/2020 Concerns Yes (No)

X Water Management Specialist: Dan Harrington, 10/15/2020 Concerns Yes (No)

X Drinking and Groundwater staff: Christian Martinez, 10/3/2020 Concerns Yes (No)

X Public notice published in local newspaper or other media. 10/9/2020

X Notice sent to all clerks of the county, town, city, or village in which the stream is located. 10/8/2020

X Notice sent to legislators in the affected districts. 10/8/2020

X Notice sent to chairpersons of legislative committees with jurisdiction for natural resources issues. 10/8/2020

X No hearing requested 30 days after public notice.

N/A Hearing requested, held, and classification recommended. Date: N/A

Signed: Paul Piszczek Date: 12/1/2020

Fisheries Biologist

Approved: Date: 01 Dec 2020

Fish Team Supervisor

Brad Eggold Date: 01 Dec 2020

District Fisheries Supervisor

If found, return to:
State of Wisconsin
Department of Natural Resources
1701 N 4th St, Superior, WI 54880

TEMPORARY
99999

Wadable Stream Fish Assessment

Form 3600-230 (R 7/15) Page 1 of 3

FH Database Management
Entered: 7/20/2019 AMN
Proofed: 4/20/2019 AMN

Instructions: Bold fields must be completed.

Station Summary

Stream Name	Waterbody ID Code	SWIMS Station ID	FH Database ID
Unamed to 4 mile CREEK 21-8			

Date (MMDDYYY)	Station Name
08132019	BETWEEN MOUTH OF STREAM & CTH C CULVERT

Latitude - Longitude Determination Method Used	Datum Used
GPS Garmin GPS Map	

Start Latitude	Start Longitude	End Latitude	End Longitude	County
46.71354	091.002102	46.71408	091.00249	Bayfield

Water Characteristics

Time (24-hr clock)	Air Temperature (C)	Water Temperature (C)	Conductivity (µs/cm)	Transparency (cm)
		11.5		

Dissolved Oxygen (mg/l)	Dissolved Oxygen % Saturation	pH

Flow (m³/sec)	Water Level (check one - measure distance if Above or Below Normal):	Water Clarity:
	⊗ Normal ○ Below: _____ (m) ○ Above: _____ (m)	⊗ 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)	Percent Channelization	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
~<1m				1	

Sampling Description

Sampling Type (check one): ⊗ CPE ○ Depletion ○ Mark-Recapture ○ Other - Specify: _____

Station Length (m)	Start Time (24-hr clock)	Finish Time (24-hr clock)
265ft	16:34	17:00

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

Gear Description

Gear (indicate number of each type used): Number of Anodes per Unit

X Backpack Shockers _____ Stream Shockers _____ Mini-Boom Shockers

Current Type:	Volts	Amps	Rate	Duty
○ AC ⊗ DC ⊗ PCP	175	0.5	80	20

# of Dippers	Dip Net Mesh Size (Inches) and Type (bar, Ace, Delta, etc.)
1	1/8

Person(s) Who Collected Data (Full Names)
Lydia Doerr

Comments / Notes (continue on the back of this sheet if necessary)
done to classify it as trout water
- Transect ended at the cty C culvert which is perched

-Length (in) weights (g)

SPECIES													
BNT(L)	BNT(W)	Coho(L)	Coho(W)	BkT(L)	BkT(W)	L-ca	RBT(L)	RBT(W)					
4.9	19.5	3.9	10.0	5.0	20.5	N							
2.0	VOV			4.1	10.0	N							
				5.1	21.5	N							
				4.6	17.0	N							

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

Form 3600-532A (R 6/07)

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

Station Summary

Stream Name	Waterbody ID Code	SWIMS Station ID	FH Database ID
UNN CR 21-8 T49N R5W FOURMILE CREEK TRIB			

Date (MMDDYYYY)	Station Name
09/15/2020	BETWEEN CONFLUENCE W/FOURMILE CR & CTH C

Latitude - Longitude Determination Method Used	Datum Used
GPS - GARMIN GPSMAP 78	WGS 84

Start Latitude	Start Longitude	End Latitude	End Longitude	County
46.71354	W-91.00216	N46.71408	W-91.00249	BARRON

Water Characteristics

Time (24-hr clock)	Air Temperature (C)	Water Temperature (C)	Conductivity (µs/cm)	Transparency (cm)
		11.5		

Dissolved Oxygen (mg/l)	Dissolved Oxygen % Saturation	pH

Flow (m³/sec)	Water Level (check one - measure distance if Above or Below Normal):	Water Clarity:
	☒ Normal ☐ Below: _____(m) ☐ Above: _____(m)	☒ Clear ☐ Turbid ☐ Stained

Channel and Basin Characteristics

Mean Stream Width (m)	Station Length (m)
ESTIMATED .75 - 1.90 (~4/m)	265 FT

Channel Condition: (check one) ☒ Natural ☐ > 20-year-old Channelization ☐ 10- to 20-year-old Channelization ☐ < 10-year-old Channelization ☐ Concrete Channel

Percent Channelization	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
0				

Comments / Notes

SMALL, LOW GRADIENT TRIB TO FOURMILE. HEADWATERS IS RUNOFF & GROUNDWATER INFILTRATION FROM DITCH ON CTH C, STREAM CHANNEL POORLY DEFINED ABOVE CULVERT, CUT WELL DEFINED DOWNSTREAM. STREAM DOES PARALLEL CTH C FOR ½ - ⅓ OF STATION.

HABITAT ASSESSMENT DONE USING NOTES FROM FISH SURVEY, AERIAL PHOTOS AND RECOLLECTION OF STREAM CHANNEL, INSTREAM COVER AND RIPARIAN AREA.

Wadable Stream Qualitative Fish Habitat Rating 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) PARALLELS CATH C IN DITCH (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	10
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	10
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 ONLY POOL IS SCOUR HOLE AT CULVERT (0)	0
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
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 FEW, IF ANY RIFFLES (5)	Habitat monotonous; riffles or bends rare; generally continuous run habitat; ratio > 25 0	5
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% MANY SAND & SILT (5)	Fines extensive in all habitats; > 60% of stream bed covered. 0	5
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 LACK OF DEPTH FOR FISH COVER (0)	0
				Total Score	35

Trout Stream Classification Checklist (revised 2/2016)

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

Stream name: Unnamed Creek 5-8c (T49 R04W)

County: Bayfield WBIC: 5000430

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.

Unnamed Creek 5-8c (T49N R04W S5), Town of Bayview; 0.25 mile beginning at confluence with unnamed tributary to Onion River, approximately 0.25 mile west of the Onion River crossing at State Highway 13.

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)

Upstream point coordinates: 90.89931 W, 46.75849 N
Downstream point coordinates: 90.89741 W, 46.75472 N
Classification proposed: I

X Fish survey (including relative abundance, length distribution, and age structure) and habitat survey completed on water to be classified. Survey on file at DNR Superior paper files, Superior network electronic files, Fisheries Management Database (query WBIC)

X Fish team supervisor and district fisheries supervisor have approved the classification. Date: 09/28/2020

X Fish Biologist has consulted with the following staff in their office or district

X Permit Drafter: Eric de Venecia, 9/25/2020 Concerns Yes (No)

X Water Resource Specialist: John Kleist, 10/3/2020 Concerns Yes (No)

X Water Management Specialist: Jenny Murphy, 10/3/2020 Concerns Yes (No)

X Water Management Specialist: Dan Harrington, 10/15/2020 Concerns Yes (No)

X Drinking and Groundwater staff: Christian Martinez, 10/3/2020 Concerns Yes (No)

X Public notice published in local newspaper or other media. 10/9/2020

X Notice sent to all clerks of the county, town, city, or village in which the stream is located. 10/8/2020

X Notice sent to legislators in the affected districts. 10/8/2020

X Notice sent to chairpersons of legislative committees with jurisdiction for natural resources issues. 10/8/2020

X No hearing requested 30 days after public notice.

N/A Hearing requested, held, and classification recommended. Date: N/A

Signed: Paul Pisyasek Date: 12/1/2020

Fisheries Biologist

Approved: Date: 01 Dec 2020

Fish Team Supervisor

Brad Eggold Date: 01 Dec 2020

District Fisheries Supervisor

DATA ENTERED C. LUNDEEN 11/28/2016
DATA PROOFED P. PISZCZEK 12/5/2016

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

Wadable Stream Fish Assessment

Form 3600-230 (R 6/07)

Instructions: Bold fields must be completed.

Station Summary

Stream Name	Waterbody ID Code	SWIMS Station ID	FH Database ID
UNN TRIB TO 5-8 UNN CR 5-8	5000430	10047344	135628116

Date (MMDDYYYY)	Station Name
0824 2016	TRIB TO ONION R. UNN TRIB. TO UNN. CR. - U/S FROM CONFLUENCE W/ UNN CR

Latitude - Longitude Determination Method Used	Datum Used
GPS - GARMIN GPSMAP 78	WGS 84

Start Latitude	Start Longitude	End Latitude	End Longitude	County
N46.75463	W-90.89701	N46.75550	W-90.89704	BAYFIELD

Water Characteristics

Time (24-hr clock)	Air Temperature (C)	Water Temperature (F)	Conductivity (µs/cm)	Transparency (cm)
		48		

Dissolved Oxygen (mg/l)	Dissolved Oxygen % Saturation	pH

Flow (m³/sec)	Water Level (check one - measure distance if Above or Below Normal):	Water Clarity:
	☒ Normal ☐ Below: _____(m) ☐ Above: _____(m)	☒ 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)	Percent Channelization	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
VISUAL EST. ~1.5	0				

Sampling Description

Sampling Type (check one): ☒ CPE ☐ Depletion ☐ Mark-Recapture ☐ Other - Specify: _____

Station Length (m)	Start Time (24-hr clock)	Finish Time (24-hr clock)
100	0955	1030

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

Gear Description

Gear (indicate number of each type used): 1 Backpack Shockers ____ Stream Shockers ____ Mini-Boom Shockers

Number of Anodes per Unit: 1

Current Type:	Volts	Amps	Pulse Rate	Duty Cycle
☐ AC ☐ DC ☒ DCP	200	.60	80	20

Person(s) Who Collected Data (Full Names)

AARON NELSON, OWNER LUNDEEN

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

* ACCESS THROUGH STEVE OLSON (FORMER PETERSON FARMSTEAD)

COHO (L)	WT (g)	YOY RBT	WT (g)	YOY BKT	WT (g)	SLIMY SCULPIN	WT (g)
2.5	3	1.9	1	2.4	3	3.1	7
3.2	7	2.3	3			3.4	8
2.7	4	2.1	2			3.3	12
3.3	7	1.8	1.5			2.5	3
3.0	5	2.6	5			2.4	4
2.1	2					3.1	7
3.2	7					3.0	6
2.9	5					3.2	6
2.4	4					2.1	3
2.7	5					3.4	8
2.8	4					3.3	7
2.2	2					2.0	2
2.6	3					1.9	1
2.5	3					1.9	2
2.9	5					1.8	2
2.8	5					2.1	2
2.0	2						
2.8	4						
2.0	2						
2.1	2						
2.7	4						
2.3	2						
2.2	2						
3.0	6						
3.3	8						
3.7	11						
3.4	8						
3.6	10						

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

Form 3600-532A (R 6/07)

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

Station Summary

Stream Name	Waterbody ID Code	SWIMS Station ID	FH Database ID
UNN CR 5-8 T49N R04W TRIB TO CR 5-8C "LITTLE ONION R"	5000430		

Date (MMDDYYYY)	Station Name
* 12-1-2020	U/S FROM CONFLUENCE W/ CR 5-8C

Latitude - Longitude Determination Method Used	Datum Used
GPS - GARMIN GPSMAP 78	WGS 84

Start Latitude	Start Longitude	End Latitude	End Longitude	County
N46.75463	W-90.89701	N46.75552	W-90.89704	BAYFIELD

Water Characteristics

Time (24-hr clock)	Air Temperature (C)	Water Temperature (C)	Conductivity (µs/cm)	Transparency (cm)
		48 F		

Dissolved Oxygen (mg/l)	Dissolved Oxygen % Saturation	pH

Flow (m³/sec)	Water Level (check one - measure distance if Above or Below Normal):	Water Clarity:
	☒ Normal ☐ Below: _____ (m) ☐ Above: _____ (m)	☒ Clear ☐ Turbid ☐ Stained

Channel and Basin Characteristics

Mean Stream Width (m)	Station Length (m)
ESTIMATED 1.5 M	

Channel Condition: (check one) ☒ Natural ☐ > 20-year-old Channelization ☐ 10- to 20-year-old Channelization ☐ < 10-year-old Channelization ☐ Concrete Channel

Percent Channelization	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
0				

Comments / Notes

* DESKTOP RATING COMPLETED AFTER-THE-FACT, BASED ON RECOLLECTION DURING FISH SURVEY

Wadable Stream Qualitative Fish Habitat Rating 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) MIXED FOREST CONIFERS & NO. HARDWOODS (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	10
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 SMALL STREAM POOLS FEW DEVELOPED (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	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% LOTS OF SAND (5)	Fines extensive in all habitats; > 60% of stream bed covered 0	5
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 LWD, UNDERCUT BANKS. (5)	Cover rare or absent; limited to < 5% of stream 0	5
				Total Score	58

Trout Stream Classification Checklist (revised 2/2016)

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

Stream name: Unnamed Creek 6-13 (T49N R04W)

County: Bayfield WBIC: 2885800

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.

Unnamed Creek 6-13 (T49N R04W S6), Town of Bayview; 0.25 mile beginning at confluence with Onion River, 0.06 mile east of powerline corridor and north of McCulloch Road; 0.75 mile west of State Highway 13.

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)

Upstream point coordinates: 90.90906 W, 46.75190 N
Downstream point coordinates: 90.90347 W, 46.75263 N
Classification proposed: I

X Fish survey (including relative abundance, length distribution, and age structure) and habitat survey completed on water to be classified. Survey on file at DNR Superior paper files, Superior network electronic files, Fisheries Management Database (query WBIC)

X Fish team supervisor and district fisheries supervisor have approved the classification. Date: 09/28/2020

X Fish Biologist has consulted with the following staff in their office or district

X Permit Drafter: Eric de Venecia, 9/25/2020 Concerns Yes (No)

X Water Resource Specialist: John Kleist, 10/3/2020 Concerns Yes (No)

X Water Management Specialist: Jenny Murphy, 10/3/2020 Concerns Yes (No)

X Water Management Specialist: Dan Harrington, 10/15/2020 Concerns Yes (No)

X Drinking and Groundwater staff: Christian Martinez, 10/3/2020 Concerns Yes (No)

X Public notice published in local newspaper or other media. 10/9/2020

X Notice sent to all clerks of the county, town, city, or village in which the stream is located. 10/8/2020

X Notice sent to legislators in the affected districts. 10/8/2020

X Notice sent to chairpersons of legislative committees with jurisdiction for natural resources issues. 10/8/2020

X No hearing requested 30 days after public notice.

N/A Hearing requested, held, and classification recommended. Date: N/A

Signed: Paul Pisiak Date: 12/1/2020

Fisheries Biologist

Approved: Date: 01 Dec 2020

Fish Team Supervisor

Brad Eggold Date: 01 Dec 2020

District Fisheries Supervisor

[redacted]

FH DATABASE
ENTERED 11/18/15 AMN
PROOFED 11/19/15 KG

State of Wisconsin
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Wadable Stream Fish Assessment

Form 3600-230 (R 6/07)

Instructions: Bold fields must be completed.

GILL LICE REPORT - AMN

Station Summary

Stream Name	**Waterbody ID Code**	**SWIMS Station ID**	**FH Database ID**
UNN. CREEK 6-13 TRIB TO ONION R	2885800	10044998	~~[illegible]~~ (122867477)

Date (MMDDYYYY)	**Station Name**
08/17/2015	POWERLINE GRADE / RIGHT OF WAY

Latitude - Longitude Determination Method Used	**Datum Used**
GPS - GARMIN GPSMAP 78	WGS 84

Start Latitude	**Start Longitude**	**End Latitude**	**End Longitude**	**County**
46.7521 / 46.75197	90.9047 / 90.90477	46.7521 / 46.75208	90.9053 / 90.90530	BAYFIELD

Water Characteristics

Time (24-hr clock)	**Air Temperature** (C)	**Water Temperature** (C)	**Conductivity** (µs/cm)	**Transparency** (cm)
13:30	70 F	51°F		

Dissolved Oxygen (mg/l)	**Dissolved Oxygen % Saturation**	**pH**

Flow (m³/sec)	**Water Level** (check one - measure distance if Above or Below Normal):	**Water Clarity:**
	[X] Normal [ ] Below: ____ (m) [ ] Above: ____ (m)	[X] Clear [ ] Turbid [ ] Stained

Channel and Basin Characteristics

Channel Condition: (check one) [X] Natural [ ] > 20-year-old Channelization [ ] 10- to 20-year-old Channelization [ ] < 10-year-old Channelization [ ] Concrete Channel

Mean Stream Width (m)	**Percent Channelization**	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
1.48 m	0				

Sampling Description

Sampling Type (check one): [X] CPE [ ] Depletion [ ] Mark-Recapture [ ] Other - Specify: ____

Station Length (m)	**Start Time (24-hr clock)**	**Finish Time (24-hr clock)**
100 m / 328'	13:30	13:56 (BACKPACK 21:03)

Type of Pass (check one): [X] Upstream Only [ ] Upstream, then Downstream [ ] Other - Specify: ____

Gear Description

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

Current Type:	**Volts**	**Amps**	**Pulse Rate**	**Duty Cycle**
[ ] AC [ ] DC [X] DCP	200	.75	80	20

Person(s) Who Collected Data (Full Names)

A. NELSON, M. WIEDLE, K. OLSON, RICH GRANGER (BAYFIELD INTERN)

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

W	1.7	1.4	2.0	2.1	1.7	1.9	1.7	2.3
L	15	10	15	10	10	10	10	120

L(cm)/W(g)		L/W		L/W			SPECIES										
COHO		SCULPIN		RBT		BrK											
3.7	9	3.3	7	3.6	9	2.5											
2.6	3	2.2	2	3.0	4												
3.1	5	2.1	2	3.7	8												
2.5	2	2.4	3														
1.9	1	3.3	8														
2.5	2	4.2	15														
3.1	5	2.0	2														
4.1	13	3.4	8														
2.2	2	2.9	4														
3.3	7	2.0	2														
2.6	3	2.2	2														
2.7	3	2.3	3														
2.3	3	2.5	3														
3.0	4	2.6	3														
2.6	3	2.0	3														
2.5	2	2.0	2														
2.7	3																
2.3	2																
2.6	-																
2.8	4																
2.7	3																
2.2	2																
2.6	3																
2.7	3																
2.3	2																
2.8	4																
#10																	
#10																	
#46																	

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

Form 3600-532A (R 6/07)

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

Station Summary

Stream Name	Waterbody ID Code	SWIMS Station ID	FH Database ID
UNN CR1 6-13 T49N R04W TRIB TO ONION R.	2885800		

Date (MMDDYYYY)	Station Name
* 12-1-2020	U/S FROM POWERLINE RIGHT-OF-WAY

Latitude - Longitude Determination Method Used	Datum Used
GPS - GARMIN GPSMAP 78	WGS 84

Start Latitude	Start Longitude	End Latitude	End Longitude	County
46.75199	-90.90477	46.75208	-90.90530	BAYFIELD

Water Characteristics

Time (24-hr clock)	Air Temperature (C)	Water Temperature (C)	Conductivity (µs/cm)	Transparency (cm)
		51		

Dissolved Oxygen (mg/l)	Dissolved Oxygen % Saturation	pH

Flow (m^3/sec)	Water Level (check one - measure distance if Above or Below Normal):	Water Clarity:
	☒ Normal ☐ Below: _____ (m) ☐ Above: _____ (m)	☒ Clear ☐ Turbid ☐ Stained

Channel and Basin Characteristics

Mean Stream Width (m)	Station Length (m)
1.48 m	100 m

Channel Condition: (check one) ☒ Natural ☐ > 20-year-old Channelization ☐ 10- to 20-year-old Channelization ☐ < 10-year-old Channelization ☐ Concrete Channel

Percent Channelization	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km^2)

Comments / Notes

* DESKTOP RATING COMPLETED AFTER-THE-FACT, BASED ON RECOLLECTION DURING FISH SURVEY

Wadable Stream Qualitative Fish Habitat Rating 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) MOWING @ POWERLINE (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	10
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	10
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 MOSTLY RUN (5)	Stream relatively wide and shallow; width/depth > 25 0	5
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	5
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% SAND DOMINATED (5)	Fines extensive in all habitats; > 60% of stream bed covered 0	5
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 LWD (5)	Cover rare or absent; limited to < 5% of stream 0	5
				Total Score	43

Trout Stream Classification Checklist (revised 2/2016)

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

Stream name: Unnamed Creek 1-1 (T48N R05W)

County: Bayfield WBIC: 5000680

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.

Unnamed Creek 1-1 (T48N R05W S1 to T49N R05W S36), Town of Washburn; 0.34 mile beginning at Thompson Creek, approximately 0.30 miles northwest of the end of Fur Farm Road, upstream to the confluence with Unnamed Creek 36-16 (T48N R05W S36), approximately 0.30 miles south-southeast of the end of Hove Lane.

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)

Upstream point coordinates: 46.67647° N, -90.92766° W
Downstream point coordinates: 46.67209° N, -90.92720° W
Classification proposed: I

X Fish survey (including relative abundance, length distribution, and age structure) and habitat survey completed on water to be classified. Survey on file at DNR Superior paper files, Superior network electronic files, Fisheries Management Database (query WBIC)

X Fish team supervisor and district fisheries supervisor have approved the classification. Date: 09/28/2020

X Fish Biologist has consulted with the following staff in their office or district

X	Permit Drafter: Eric de Venecia, 9/25/2020	Concerns	Yes	(No)
X	Water Resource Specialist: John Kleist, 10/3/2020	Concerns	Yes	(No)
X	Water Management Specialist: Jenny Murphy, 10/3/2020	Concerns	Yes	(No)
X	Water Management Specialist: Dan Harrington, 10/15/2020	Concerns	Yes	(No)
X	Drinking and Groundwater staff: Christian Martinez, 10/3/2020	Concerns	Yes	(No)

X Public notice published in local newspaper or other media. 10/9/2020

X Notice sent to all clerks of the county, town, city, or village in which the stream is located. 10/8/2020

X Notice sent to legislators in the affected districts. 10/8/2020

X Notice sent to chairpersons of legislative committees with jurisdiction for natural resources issues. 10/8/2020

X No hearing requested 30 days after public notice.

N/A Hearing requested, held, and classification recommended. Date: N/A

Signed: Paul Pisyasek Date: 12/1/2020
Fisheries Biologist

Approved: Date: 01 Dec 2020
Fish Team Supervisor

Brad Eggold Date: 01 Dec 2020
District Fisheries Supervisor

DATA ENTERED C. LUNDEEN 11/28/2016
DATA PROOFED P. PISZCZEK 12/5/2016

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

Wadable Stream Fish Assessment

Form 3600-230 (R 6/07)

Instructions: Bold fields must be completed.

Station Summary

Stream Name	Waterbody ID Code	SWIMS Station ID	FH Database ID
UNN CR - TRIB TO THOMPSON CREEK	5000680	10047350	135628321

Date (MMDDYYYY)	Station Name
8-24-2016	U/S FROM CONFL. W/ THOMPSON CR. - STATION 1

Latitude - Longitude Determination Method Used	Datum Used
GPS - GARMIN GPSMAP 76	WGS 84

Start Latitude	Start Longitude	End Latitude	End Longitude	County
N46.67207	W 90.92722			BAYFIELD

Water Characteristics

Time (24-hr clock)	Air Temperature (C)	Water Temperature (F)	Conductivity (µs/cm)	Transparency (cm)
12:30		54		

Dissolved Oxygen (mg/l)	Dissolved Oxygen % Saturation	pH

Flow (m³/sec)	Water Level (check one - measure distance if Above or Below Normal):	Water Clarity:
	☒ Normal ☐ Below: _____(m) ☐ Above: _____(m)	☒ 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)	Percent Channelization	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
2.6 M	0				

Sampling Description

Sampling Type (check one):
☒ CPE ☐ Depletion ☐ Mark-Recapture ☐ Other - Specify: _____

Station Length (m)	Start Time (24-hr clock)	Finish Time (24-hr clock)
100	12:35	13:01

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

Gear Description

Gear (indicate number of each type used):
1 Backpack Shockers ____ Stream Shockers ____ Mini-Boom Shockers

Number of Anodes per Unit: 1

Current Type:	Volts	Amps	Pulse Rate	Duty Cycle
☐ AC ☐ DC ☒ DCP	225	0.75	80	20

Person(s) Who Collected Data (Full Names)
AARON NELSON, CONNER LUNDEEN

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

* MAJOR PLUNGE POOL AT CONFLUENCE W/ THOMPSON W 24" BROOK TROUT FROM YEARLINGS TO ADULTS IN 9-20" RANGE, MAMBE 12"+
* A LOT OF COBBLE & RUBBLE SUBSTRATE, FAIRLY GOOD GRADIENT, FEW WELL DEVELOPED POOLS.
* ACCESSED THROUGH YARON & MEIRA GRABINER PROPERTY @ END OF FOR FARM RD. & WALKED UPSTREAM TO CONFLUENCE

2.7, 3.4, 1.7 3.5 1.7 11.0
20 20 20 20

SPECIES													
BKT	BKTg	RBT	RBTg	COHO	COHOg	BNT	BNTg	SLIMY SCULPIN	S.S. g				
3.2 L	6	4.7	18	—	—	2.6	3	4.1	17				
2.7 L	4.5	5.3	34					3.1	7				
3.7 L	7							3.2	8				
2.9 L	4							2.7	4				
3.1 L	6							3.1	6				
3.2	8							3.7	10.5				
2.8	4							2.9	5				
7.6	87							3.4	8.5				
7.4	81							3.1	6				
6.5 L	53							2.4	4				
3.3	7							3.7	—				
4.5	—							3.3	—				
4.7 M	17							3.9	—				
5.1	26							3.9	—				
4.5	18							3.5	—				
3.4	8							3.9	—				
3.2 L	6							3.9	—				
3.6	7							3.7	—				
3.0 L	5							2.6	—				
3.0 L	5							3.7	—				
4.2 M	17							3.1	—				
3.2 L	7							4.0	—				
2.4 L	2.5							3.7	—				
								3.1	—				
								3.1	—				
								1.3	1				
								2.8	—				
								3.0	—				
								2.8	—				
								1.2	1				
								3.3	—				
								2.7	—				
								3.4	—				

* GILL LICE

- L, LIGHT
- M, MODERATE
- H, HEAVY

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

Form 3600-532A (R 6/07)

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

Station Summary

Stream Name			Waterbody ID Code	SWIMS Station ID	FH Database ID
UNN CR 1-1	T48N R05W	TRIB TO THOMPSON CR	5000680		

Date (MMDDYYYY)	Station Name
* 12-1-2020	U/S FROM CONFLUENCE W / THOMPSON CREEK

Latitude - Longitude Determination Method Used	Datum Used
GPS - GARMIN GPSMAP 78	WGS 84

Start Latitude	Start Longitude	End Latitude	End Longitude	County
N46.67207	W-90.92722			BAYFIELD

Water Characteristics

Time (24-hr clock)	Air Temperature (C)	Water Temperature (C)	Conductivity (µs/cm)	Transparency (cm)
		54		

Dissolved Oxygen (mg/l)	Dissolved Oxygen % Saturation	pH

Flow (m³/sec)	Water Level (check one - measure distance if Above or Below Normal):	Water Clarity:
	[X] Normal [ ] Below: _____(m) [ ] Above: _____(m)	[X] Clear [ ] Turbid [ ] Stained

Channel and Basin Characteristics

Mean Stream Width (m)	Station Length (m)
2.6 M	100

Channel Condition: (check one) [X] Natural [ ] > 20-year-old Channelization [ ] 10- to 20-year-old Channelization [ ] < 10-year-old Channelization [ ] Concrete Channel

Percent Channelization	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
0				

Comments / Notes

TRIBUTARY TO THOMPSON CREEK, FED PRIMARILY BY FLOW FROM UNN CREEK 36-16. CREEK 1-1 INTERMITTENT UPSTREAM OF THE CONFLUENCE WITH CREEK 36-16, LIKELY INSUFFICIENT WATER TO SUSTAIN FISH. AT CONFLUENCE WITH THOMPSON CREEK, CREEK 1-1 IS VERY ROCKY, AND SHALLOW. OLD PILINGS FROM LOGGING ROAD OR RAIL ROAD CROSSING STILL ANCHORED TO STREAMBED. NO WELL DEVELOPED POOLS, SOME DEEP RUN HABITAT FOR DEPTH. SHALLOW RUNS. THROUGH NORTHERN HARDWOOD FOREST.

HABITAT ASSESSMENT DONE USING NOTES FROM FISH SURVEY, AERIAL PHOTOS, AND RECOLLECTION OF STREAM CHANNEL, INSTREAM COVER, AND RIPARIAN AREA

*DESKTOP RATING COMPLETED AFTER-THE-FACT, BASED ON RECOLLECTION DURING FISH SURVEY

Wadable Stream Qualitative Fish Habitat Rating 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) PRIMARILY NORTHERN HARDWOOD (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
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 MAINLY RIFFLE / RUN, FEW BENDS (5)	Habitat monotonous; riffles or bends rare; generally continuous run habitat; ratio > 25 0	5
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 MAINLY GRAVEL & COBBLE (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	10
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 COVER FROM LWD, (5)	Cover rare or absent; limited to < 5% of stream 0	5
			MOST AREAS TOO SHALLOW TO MEET 0.20 m DEPTH	**Total Score**	58

Trout Stream Classification Checklist (revised 2/2016)

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

Stream name: Unnamed Creek 36-16 (T48N R05W)

County: Bayfield WBIC: 5000708

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.

Unnamed Creek 36-16 (T48N, R05W S36), Town of Washburn; 0.20 mile beginning approximately 0.32 mile south-southwest of the end of Hove Lane downstream to the confluence with Unnamed Creek 1-1 (T48N R05W S1), approximately 0.30 mile northwest of the end of Fur Farm Road.

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)

Upstream point coordinates: 46.67648° N, -90.93069° W
Downstream point coordinates: 46.67647° N, -90.92766° W
Classification proposed: I

X Fish survey (including relative abundance, length distribution, and age structure) and habitat survey completed on water to be classified. Survey on file at DNR Superior paper files, Superior network electronic files, Fisheries Management Database (query WBIC)

X Fish team supervisor and district fisheries supervisor have approved the classification. Date: 09/28/2020

X Fish Biologist has consulted with the following staff in their office or district

X Permit Drafter: Eric de Venecia, 9/25/2020 Concerns Yes (No)

X Water Resource Specialist: John Kleist, 10/3/2020 Concerns Yes (No)

X Water Management Specialist: Jenny Murphy, 10/3/2020 Concerns Yes (No)

X Water Management Specialist: Dan Harrington, 10/15/2020 Concerns Yes (No)

X Drinking and Groundwater staff: Christian Martinez, 10/3/2020 Concerns Yes (No)

X Public notice published in local newspaper or other media. 10/9/2020

X Notice sent to all clerks of the county, town, city, or village in which the stream is located. 10/8/2020

X Notice sent to legislators in the affected districts. 10/8/2020

X Notice sent to chairpersons of legislative committees with jurisdiction for natural resources issues. 10/8/2020

X No hearing requested 30 days after public notice.

N/A Hearing requested, held, and classification recommended. Date: N/A

Signed: Paul Pisyasek Date: 12/1/2020

Fisheries Biologist

Approved: Date: 01 Dec 2020

Fish Team Supervisor

Brad Eggold Date: 01 Dec 2020

District Fisheries Supervisor

DATA ENTERED C. LUNDEEN 11/28/2016
DATA PROOFED P. PISCHEK 12/5/2016

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

Wadable Stream Fish Assessment

Form 3600-230 (R 6/07)

Instructions: Bold fields must be completed.

Station Summary

Stream Name	Waterbody ID Code	SWIMS Station ID	FH Database ID
UNN CR 36-16 TRIB TO THOMPSON CREEK TRIB - CR 1-1	5000708	10047349	135628305

Date (MMDDYYYY)	Station Name #2
8/24/2016	U/S FROM CONFLUENCE W/ UNN CR 1-1 STATION 2

Latitude - Longitude Determination Method Used	Datum Used
GPS - GARMIN GPSMAP 76	WGS 84

Start Latitude	Start Longitude	End Latitude	End Longitude	County
N46.67639	W-90.92776			BAYFIELD

Water Characteristics

Time (24-hr clock)	Air Temperature (C)	Water Temperature (C)	Conductivity (µs/cm)	Transparency (cm)
		52°F		

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)	Percent Channelization	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
VISUAL EST ~2.0m					

Sampling Description

Sampling Type (check one): ☒ CPE ☐ Depletion ☐ Mark-Recapture ☐ Other - Specify: _____

Station Length (m)	Start Time (24-hr clock)	Finish Time (24-hr clock)
180	13:35	14:21

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

Gear Description

Gear (indicate number of each type used): 1 Backpack Shockers ____ Stream Shockers ____ Mini-Boom Shockers

Number of Anodes per Unit: 1

Current Type:	Volts	Amps	Pulse Rate	Duty Cycle
☐ AC ☐ DC ☒ DCP	225	0.70	80	20

Person(s) Who Collected Data (Full Names)
AARON NELSON, CONNER LUNDEEN

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

UNN CR 1-1, TRIB FROM NORTH DRY AT MOUTH, ONLY MINOR AMOUNT OF WATER PRESENT, BUT NOT ENOUGH TO SUSTAIN FISH, POSSIBLY INVERT

* STILL A LOT OF COBBLE/SMALL BOULDERS, SEVERAL DEVELOPED POOLS
* FAIRLY WIDE CHANNEL, FAIRLY WELL CONNECTED TO FLOOD PLAIN, NOT ALL OF THE CHANNEL WETTED.

SPECIES													
BKT	BKTg	BNT	BNTg	SPLAKE	SPLAKEg	SLIMY SCULPIN	S.S. g						
4.0M	10	5.8	31	8.0	83	4.9	34						
5.0H	20			6.2L	35	4.6	24						
9.1M	130					4.1	17						
8.6	105					2.9	6						
7.2L	80					2.9	7						
6.4L	51					1.6	4						
6.6L	49					2.7	9						
8.6M	110					3.0	6.5						
7.0L	81					2.7	4						
4.4L	15					3.9	17						
2.9L	5					4.0	17						
7.0L	80					4.1	17						
5.3	26					2.7	6						
4.5L	18					2.9	7						
7.9	88					3.0	5						
5.8	39					2.3	5						
6.5L	54					3.2	—						
7.5	80					3.0	—						
5.6L	30					3.1	—						
5.5L	30					3.9	—						
6.5M	48					3.3	—						
7.8H	83					3.7	—						
6.9H	60					2.3	—						
7.0L	61					2.8	—						
5.4	37					3.6	—						
4.5	16.5					3.1	—						
5.7L	35					3.9	—						
6.3	47					2.9	—						
8.1	90					2.5	—						
6.6M	53					2.3	—						
2.7L	3.5					2.7	—						
5.7L	30												
4.6L	20												
5.9L	37												
6.8	55												
5.8	37												
4.9M	23												
6.4M	52												
2.9L	4												
4.4M	15.5												
5.8L	34												
5.5L	34												
5.9L	35												
5.9M	35												
6.1L	46												
5.9L	35												
6.3	49												

* GILL LICE
- L, LIGHT
- M, MOD.
- H, HEAVY

SPLAKE
- NO RED SPOTS, MOD FORKED TAIL
- RP CLIP ON 6.2" FISH

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

Form 3600-532A (R 6/07)

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

Station Summary

Stream Name	Waterbody ID Code	SWIMS Station ID	FH Database ID
UNN CR 36-16 T48N R05W TRIB TO UNN CR 1-1	5000708		

Date (MMDDYYYY)	Station Name
9/15/20 20	U/S FROM CONFLUENCE W/ UNN CR 1-1

Latitude - Longitude Determination Method Used	Datum Used
GPS - GARMIN GPSMAP 78	WGS 84

Start Latitude	Start Longitude	End Latitude	End Longitude	County
N46.67639	W-90.92776			BAYFIELD

Water Characteristics

Time (24-hr clock)	Air Temperature (C)	Water Temperature (C)	Conductivity (µs/cm)	Transparency (cm)
		52°F		

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

Mean Stream Width (m)	Station Length (m)
ESTIMATED - 2.0m	100m

Channel Condition: (check one)
☒ Natural ☐ > 20-year-old Channelization ☐ 10- to 20-year-old Channelization ☐ < 10-year-old Channelization ☐ Concrete Channel

Percent Channelization	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
0				

Comments / Notes

TRIBUTARY TO UNN CR 1-1, FAIRLY HIGH GRADIENT, VERY RUNNY WITH SEVERAL WELL DEVELOPED POOLS. RIPARIAN CORRIDOR WOODED WITH MIX OF SHRUBS AND NORTHERN HARDWOOD SPECIES.

HABITAT ASSESSMENT DONE USING NOTES FROM SURVEY, AERIAL PHOTOS, AND RECOLLECTION OF STREAM CHARACTER, INSTREAM COVER, AND RIPARIAN AREA.

Wadable Stream Qualitative Fish Habitat Rating 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 SEVERAL WELL DEVELOPED POOLS IDENTIFIED (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	7
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
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 GOOD RIFFLE, RUN, POOL COMPLEX (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	10
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 LWD, MOST FISH (5) USING POOLS	Cover rare or absent; limited to < 5% of stream 0	5
				Total Score	67

Trout Stream Classification Checklist (revised 2/2016)

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

Stream name: Unnamed Creek 6-5c (T48N R04W)

County: Bayfield WBIC: 5000659

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.

Unnamed Creek 6-5c (T48N R04W S6 to T49N R04W S31), Town of Washburn; 0.42 mile beginning at the confluence with Thompson Creek, approximately 0.09 mile north-northeast of the end of Fur Farm Road, upstream to the confluence with Unnamed Creek 31-11 (T49N R04W S31), approximately 0.41 mile southeast of Hove Lane.

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)

Upstream point coordinates: 46.67657° N, -90.92241° W
Downstream point coordinates: 46.67150° N, -90.92076° W
Classification proposed: I

X Fish survey (including relative abundance, length distribution, and age structure) and habitat survey completed on water to be classified. Survey on file at DNR Superior paper files, Superior network electronic files, Fisheries Management Database (query WBIC)

X Fish team supervisor and district fisheries supervisor have approved the classification. Date: 09/28/2020

X Fish Biologist has consulted with the following staff in their office or district

X Permit Drafter: Eric de Venecia, 9/25/2020 Concerns Yes (No)

X Water Resource Specialist: John Kleist, 10/3/2020 Concerns Yes (No)

X Water Management Specialist: Jenny Murphy, 10/3/2020 Concerns Yes (No)

X Water Management Specialist: Dan Harrington, 10/15/2020 Concerns Yes (No)

X Drinking and Groundwater staff: Christian Martinez, 10/3/2020 Concerns Yes (No)

X Public notice published in local newspaper or other media. 10/9/2020

X Notice sent to all clerks of the county, town, city, or village in which the stream is located. 10/8/2020

X Notice sent to legislators in the affected districts. 10/8/2020

X Notice sent to chairpersons of legislative committees with jurisdiction for natural resources issues. 10/8/2020

X No hearing requested 30 days after public notice.

N/A Hearing requested, held, and classification recommended. Date: N/A

Signed: Paul Piszczek Date: 12/1/2020

Fisheries Biologist

Approved: Date: 01 Dec 2020

Fish Team Supervisor

Brad Eggold Date: 01 Dec 2020

District Fisheries Supervisor

DATA ENTERED C. LUNDEEN 11/28/2016
DATA PROOFED P. PISZCZEK 12/5/2016

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

Wadable Stream Fish Assessment

Form 3600-230 (R 6/07)

Instructions: Bold fields must be completed.

Station Summary

Stream Name		Waterbody ID Code	SWIMS Station ID	FH Database ID
UNN CR 6-5C TRIB TO THOMPSON CREEK		5000659	10047345	135628169

Date (MMDDYYYY)	Station Name #6	
0830 2016	U/S FROM CONFLUENCE W/ THOMPSON CR	GRABINER PROPERTY

Latitude - Longitude Determination Method Used	Datum Used
GPS - GARMIN GPSMAP 76	WGS84

Start Latitude	Start Longitude	End Latitude	End Longitude	County
46.67162	W.90.92050	N46.67208	W-90.92082	BAYFIELD

Water Characteristics

Time (24-hr clock)	Air Temperature (C)	Water Temperature (C)	Conductivity (µs/cm)	Transparency (cm)
		54 F		

Dissolved Oxygen (mg/l)	Dissolved Oxygen % Saturation	pH

Flow (m³/sec)	Water Level (check one - measure distance if Above or Below Normal):	Water Clarity:
	☒ Normal ☐ Below: _____(m) ☐ Above: _____(m)	☒ 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)	Percent Channelization	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
RANGE 1.5 - 2m					

Sampling Description

Sampling Type (check one): ☒ CPE ☐ Depletion ☐ Mark-Recapture ☐ Other - Specify: _____

Station Length (m)	Start Time (24-hr clock)	Finish Time (24-hr clock)
600	11:11 / 11:43	11:30 / 11:55

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

Gear Description

Gear (indicate number of each type used): 1 Backpack Shockers ____ Stream Shockers ____ Mini-Boom Shockers

Number of Anodes per Unit: 1

Current Type:	Volts	Amps	Pulse Rate	Duty Cycle
☐ AC ☐ DC ☒ DCP	175	0-60	80	20

Person(s) Who Collected Data (Full Names)
AARON NELSON, CONNER LUNDEEN

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

* BREAK IN SHOCKING TIME DUE TO ANODE MALFUNCTION - BPS #2 - INTERNAL SHORT & NOT ANODE PROBLEM

* BETTER GROUND WATER FLOW THAN TRIB @ STA 13, SMALL BRAIDED CHANNEL, MOSTLY RUN/RIFFLE W/ ONLY 3 OR 4 SMALL POOLS, BOTTOM MOSTLY SAND, SOME GRAVEL, LOTS OF WOODY DEBRIS. OLD CHICKEN WIRE FENCE IN TWO SEGMENTS OF THE STATION

SPECIES														
BKT	GL/g													
6.5	L/56													
5.7	N/38													
3.7	L/10													
3.7	N/10													
3.6	N/11													
3.4	N/8													
NO OTHER FISH SPP OBSERVED OR CAPTURED														
NO OTHER BKT OBSERVED / MISSED IN SURVEY														

GL= GILL LICE

N- NONE

L- LIGHT

M- MOD.

H- HEAVY

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dnr.wi.gov

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

Form 3600-532A (R 6/07)

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

Station Summary

Stream Name	Waterbody ID Code	SWIMS Station ID	FH Database ID
UNN CR 6-5C T48N R04W TRIB TO THOMPSON CR	5000659		

Date (MMDDYYYY)	Station Name
9/15/2020	U/S FROM CONFLUENCE W/ THOMPSON CR.

Latitude - Longitude Determination Method Used	Datum Used
GPS - GARMIN GPS MAP 78	WGS 84

Start Latitude	Start Longitude	End Latitude	End Longitude	County
N46.67162	W-90.92050	N46.67208	W-90.92082	BAYFIELD

Water Characteristics

Time (24-hr clock)	Air Temperature (C)	Water Temperature (C)	Conductivity (µs/cm)	Transparency (cm)
		54°F		

Dissolved Oxygen (mg/l)	Dissolved Oxygen % Saturation	pH

Flow (m³/sec)	Water Level (check one - measure distance if Above or Below Normal):	Water Clarity:
	☒ Normal ☐ Below: _____(m) ☐ Above: _____(m)	☒ Clear ☐ Turbid ☐ Stained

Channel and Basin Characteristics

Mean Stream Width (m)	Station Length (m)
ESTIMATED 1.5-2m	100

Channel Condition: (check one) ☒ Natural ☐ > 20-year-old Channelization ☐ 10- to 20-year-old Channelization ☐ < 10-year-old Channelization ☐ Concrete Channel

Percent Channelization	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
0				

Comments / Notes

SMALL TRIBUTARY TO THOMPSON CREEK, MAINLY SAND BOTTOM WITH SOME GRAVEL, HEAVY EROSION OF HIGH BANKS AT MOUTH AND SEVERAL BENDS UPSTREAM. ONLY A FEW SMALL POOLS PRESENT AND LARGE WOOD PROVIDING COVER FOR FISH,

HABITAT ASSESSMENT DONE USING NOTES FROM FISH SURVEY, AERIAL PHOTOS, AND RECOLLECTION OF STREAM CHANNEL, INSTREAM COVER, AND RIPARIAN AREA

Wadable Stream Qualitative Fish Habitat Rating 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 Heavy Erosion not over short bank (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
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 to 4 small pools (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
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 3 OR 4 Bends, Minimal Riffle/Run (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	5
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 LWD (5)	Cover rare or absent; limited to < 5% of stream 0	5
				Total Score	53

Trout Stream Classification Checklist (revised 2/2016)

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

Stream name: Unnamed Creek 6-8 (T48N R04W)

County: Bayfield WBIC: 5000677

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.

Unnamed Creek 6-8 (T48N R04W S6), Town of Washburn; 0.15 mile beginning at Thompson Creek, approximately 0.05 mile north of the junction of Fur Farm Road and State Highway 13, upstream to the confluence with Unnamed Creek 6-5d (T48N R04W).

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)

Upstream point coordinates: 46.67050° N, -90.91745° W
Downstream point coordinates: 46.66874° N, -90.91671° W
Classification proposed: II

X Fish survey (including relative abundance, length distribution, and age structure) and habitat survey completed on water to be classified. Survey on file at DNR Superior paper files, Superior network electronic files, Fisheries Management Database (query WBIC)

X Fish team supervisor and district fisheries supervisor have approved the classification. Date: 09/28/2020

X Fish Biologist has consulted with the following staff in their office or district

X	Permit Drafter: Eric de Venecia, 9/25/2020	Concerns Yes	(No)
X	Water Resource Specialist: John Kleist, 10/3/2020	Concerns Yes	(No)
X	Water Management Specialist: Jenny Murphy, 10/3/2020	Concerns Yes	(No)
X	Water Management Specialist: Dan Harrington, 10/15/2020	Concerns Yes	(No)
X	Drinking and Groundwater staff: Christian Martinez, 10/3/2020	Concerns Yes	(No)

X Public notice published in local newspaper or other media. 10/9/2020

X Notice sent to all clerks of the county, town, city, or village in which the stream is located. 10/8/2020

X Notice sent to legislators in the affected districts. 10/8/2020

X Notice sent to chairpersons of legislative committees with jurisdiction for natural resources issues. 10/8/2020

X No hearing requested 30 days after public notice.

N/A Hearing requested, held, and classification recommended. Date: N/A

Signed: Paul Piszczek Date: 12/1/2020

Fisheries Biologist

Approved: Date: 01 Dec 2020

Fish Team Supervisor

Brad Eggold Date: 01 Dec 2020

District Fisheries Supervisor

DATA ENTERED C. LUNDEEN 11/28/2016
DATA PROOFED P. PISZCZEK 12/5/2016

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

Wadable Stream Fish Assessment

Form 3600-230 (R 6/07)

Instructions: Bold fields must be completed.

Station Summary

Stream Name		Waterbody ID Code	SWIMS Station ID	FH Database ID
UNN CR 6-8	TRIB TO THOMPSON CR	5000677	10047346	135628185

Date (MMDDYYYY)	Station Name # 3
08 30 2016	U/S FROM CONFLUENCE W/ THOMPSON CR / ADJ. TO STH 13

Latitude - Longitude Determination Method Used	Datum Used
GPS - GARMIN GPSMAP 78	WGS 84

Start Latitude	Start Longitude	End Latitude	End Longitude	County
N46.66880	W-90.91660	N46.66988	W-90.91673	TAYLOR

Water Characteristics

Time (24-hr clock)	Air Temperature (C)	Water Temperature (C)	Conductivity (µs/cm)	Transparency (cm)
		58°F		

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)	Percent Channelization	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
VISUAL EST. ~1.0					

Sampling Description

Sampling Type (check one):
☒ CPE ☐ Depletion ☐ Mark-Recapture ☐ Other - Specify: _____

Station Length (m)	Start Time (24-hr clock)	Finish Time (24-hr clock)
100	0940	0958

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

Gear Description

Gear (indicate number of each type used):
1 Backpack Shockers ____ Stream Shockers ____ Mini-Boom Shockers

Number of Anodes per Unit: 1

Current Type:	Volts	Amps	Pulse Rate	Duty Cycle
☐ AC ☐ DC ☒ DCP	125	0.65	80	20

Person(s) Who Collected Data (Full Names)
AARON NELSON, CONNER LUNDEEN

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

VERY SHALLOW STREAM CHANNEL, PRIMARILY SAND BOTTOM RUN, ONLY 1 OR 2 POOLS OF ANY SIGNIFICANCE, — LOW POTENTIAL FOR MULTIPLE YEAR CLASSES OF TROUT - 2 OR 3 SPRINGS ENTER IN STATION

SHOCKED POOL JUST ABOVE END OF STATION - SAW 2 OR 3 3-4" BKT AND ONE 6.9" SPLAKE (NO CLIPS), SHOCKED NEXT POOL UP, 3 BKT - 6.4" - N, 6.7" - L, 7.2" - L

		SLIMY FATHEAD LENT,			SPECIES								
BKT	GL / G	SCULPIN	MINNOW	MUDMINNOW									
4.0	L / 13	1.6	2.4	1-OBSERVED									
3.6	N / 10												
3.8	N / 12												
3.3	N / 7												
+2	OBSERVED OR LOST												

BOTH STATIONS

ENTERED 12/7/2015 AMW

PROOFED 12/7/2015 AMW

SWIMS STATION 10047348, FHDB - 1356282?2

GL = GILL LICE
N - NONE
L - LIGHT
M - MOD
H - HEAVY

@ CONFLUENCE W/ NEXT TRIB - SHOCKED N 200 FT UP TRIB
1-3" SCULPIN, VERY LOW FLOW, VERY SHALLOW SHADY STREAM
CHANNEL, VERY LOW POTENTIAL FOR ANY FISH PRESENCE - 62°F
10:15 - 10:25 / 10:30 - 10:45
CONFLUENCE W/ TRIB - SHOCKED UP THROUGH FIRST 200 FT INCLUDING
4 POOLS - ONLY SHOCKED FROGS, NO FISH OBSERVED OR COLLECTED
BIGGEST POOL 6'x6'x 2½-3' DEEP, VERY LOW FLOW, RUNS SHALLOW &
SHADY - 63°F - SWIMS STATION 10047347, FHDB 1356282?3

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)

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

Station Summary

Stream Name	Waterbody ID Code	SWIMS Station ID	FH Database ID
UNN CK 6-8 T48N R04W	5200677		

Date (MMDDYYYY)	Station Name
9/15/2020	U/S FROM CONFLUENCE W/ THOMPSON CR

Latitude - Longitude Determination Method Used	Datum Used
GPS - GARMIN GPSMAP 78	WGS 84

Start Latitude	Start Longitude	End Latitude	End Longitude	County
N46.166880	W-90.911660	N46.166938	W-90.911673	BAYFIELD

Water Characteristics

Time (24-hr clock)	Air Temperature (C)	Water Temperature (C)	Conductivity (µs/cm)	Transparency (cm)
		58 F		

Dissolved Oxygen (mg/l)	Dissolved Oxygen % Saturation	pH

Flow (m³/sec)	Water Level (check one - measure distance if Above or Below Normal):	Water Clarity:
	☒ Normal ☐ Below: _____ (m) ☐ Above: _____ (m)	☒ Clear ☐ Turbid ☐ Stained

Channel and Basin Characteristics

Mean Stream Width (m)	Station Length (m)
ESTIMATED - 1.0m	

Channel Condition: (check one) ☐ Natural ☐ > 20-year-old Channelization ☐ 10- to 20-year-old Channelization ☐ < 10-year-old Channelization ☐ Concrete Channel

Percent Channelization	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
0				

Comments / Notes

TRIBUTARY TO THOMPSON CREEK. FAIRLY SHALLOW CHANNEL WITH DEEP POOLS ON BENDS, MAINLY SAND SUBSTRATE WITH SOME WOOD PRESENT. RIPARIAN AREA WOODED WITH NORTHERN HARDWOODS, STREAM PARALLELS HIGHWAY 13 FOR SHORT DISTANCES

HABITAT ASSESSMENT DONE USING NOTES FROM FISH SURVEY, AERIAL PHOTOS, AND RECOLLECTION OF STREAM CHANNEL, INSTREAM COVER, AND RIPARIAN AREA

Wadable Stream Qualitative Fish Habitat Rating 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) STEEP BANKS SOIL IS (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	10
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 STEEP BANKS NEAR MOUTH (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
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 DEPTH MINIMUM IN POOLS (0)	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 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 NO RIFFLES, 3 OR 4 BENDS (5)	Habitat monotonous; riffles or bends rare; generally continuous run habitat; ratio > 25 0	5
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 PREDOMINATELY SAND (0)	0
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 COVER LIMITED TO POOL AREAS LWD. (0)	0
				Total Score	28

Trout Stream Classification Checklist (revised 2/2016)

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

Stream name: Unnamed Creek 6-14a (T48N R04W)

County: Bayfield WBIC: 5000745

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.

Unnamed Creek 6-14a (T48N, R04W S6), Town of Washburn; 0.05 mile beginning at State Highway 13, approximately 0.09 mile south of the junction with Thompson Road/West Bigelow Street, downstream to the confluence with Thompson Creek.

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)

Upstream point coordinates: 46.66506° N, -90.91663° W
Downstream point coordinates: 46.66465° N, -90.91563° W
Classification proposed: II

X Fish survey (including relative abundance, length distribution, and age structure) and habitat survey completed on water to be classified. Survey on file at DNR Superior paper files, Superior network electronic files, Fisheries Management Database (query WBIC)

X Fish team supervisor and district fisheries supervisor have approved the classification. Date: 09/28/2020

X Fish Biologist has consulted with the following staff in their office or district

X	Permit Drafter: Eric de Venecia, 9/25/2020	Concerns	Yes	(No)
X	Water Resource Specialist: John Kleist, 10/3/2020	Concerns	Yes	(No)
X	Water Management Specialist: Jenny Murphy, 10/3/2020	Concerns	Yes	(No)
X	Water Management Specialist: Dan Harrington, 10/15/2020	Concerns	Yes	(No)
X	Drinking and Groundwater staff: Christian Martinez, 10/3/2020	Concerns	Yes	(No)

X Public notice published in local newspaper or other media. 10/9/2020

X Notice sent to all clerks of the county, town, city, or village in which the stream is located. 10/8/2020

X Notice sent to legislators in the affected districts. 10/8/2020

X Notice sent to chairpersons of legislative committees with jurisdiction for natural resources issues. 10/8/2020

X No hearing requested 30 days after public notice.

N/A Hearing requested, held, and classification recommended. Date: N/A

Signed: Paul Piszczek Date: 12/1/2020

Fisheries Biologist

Approved: Date: 01 Dec 2020

Fish Team Supervisor

Brad Eggold Date: 01 Dec 2020

District Fisheries Supervisor

DATA ENTERED C. LUNDEEN 11/28/2016
DATA PROOFED P. PISZCZEK 12/5/2016

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

Wadable Stream Fish Assessment

Form 3600-230 (R 6/07)

Instructions: Bold fields must be completed.

Station Summary

Stream Name		Waterbody ID Code	SWIMS Station ID	FH Database ID
UNN CR - 6-11Ha	TRIB TO THOMPSON CREEK	5000745	10047343	136628045

Date (MMDDYYYY)	Station Name	
08302016	@ U/S & D/S STH 13	JUST SOUTH OF THOMPSON RD. #7,8

Latitude - Longitude Determination Method Used: | Datum Used: WGS 84

Start Latitude	Start Longitude	End Latitude	End Longitude	County
N46.66513	W-90.91690	46.66654	W-90.91773	BAYFIELD

Water Characteristics

Time (24-hr clock)	Air Temperature (C)	Water Temperature (C)	Conductivity (µs/cm)	Transparency (cm)
		62°F / 64F		

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)	Percent Channelization	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
~0.5	—				

Sampling Description

Sampling Type (check one): ☒ CPE ☐ Depletion ☐ Mark-Recapture ☐ Other - Specify: _____

Station Length (m)	Start Time (24-hr clock)	Finish Time (24-hr clock)
U/S 100 / D/S 50	U/S - 1242 / D/S - 13:12	U/S 1254 / D/S - 13:25

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

Gear Description

Gear (indicate number of each type used): 1 Backpack Shockers ____ Stream Shockers ____ Mini-Boom Shockers

Number of Anodes per Unit: 1

Current Type:	Volts	Amps	Pulse Rate	Duty Cycle
☐ AC ☐ DC ☒ DCP	175	.50	80	20

Person(s) Who Collected Data (Full Names):
AARON NELSON, CONNER LUNDEEN

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

U/S FROM STH - VERY HEADWATERS - DEFINED CHANNEL W/ FLOW BUT VERY LIMITED FOR HABITAT FOR FISH

CULVERT SHOCK FULL 100m STATION D/S - TOO SHORT OF STREAM CHANNEL BEFORE TRIB REACHES CULVERT - 10m AFTER CULVERT IS CONFLUENCE W/ THOMPSON CR.

START - N46.66476, W-90.91583
STOP - N46.66491, W-90.91632

U/S of STN 13 | D/S from STN 13

CENTRAL		SPECIES						CENTRAL	SLIMY				
MUD MINNOW		BNT	(♀)	COHO	(♀)	BKT	(♂) (♀)	M. MINNOW	SCULPIN				
3.9		5.9	4.1	3.7	11	2.9	N/3	3.9	2.9				
1.9				3.9	12			2.3	3.0				
								2.5					
								3.3					
								3.0					
								3.6					
								2.5					
								2.6					
								2.6					
								2.1					
								2.1					
								3.1					
								2.4					
								2.6					
								2.5					
								2.4					
								1.3					
								2.4					
								2.3					
								1.4					

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)

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

Station Summary

Stream Name			Waterbody ID Code	SWIMS Station ID	FH Database ID
UNN CR 6-14a	T48N RIDIN	TRIB TO THOMPSON CR	5000745		

Date (MMDDYYYY)	Station Name
9/15/2020	DS FROM STN 13, START AT OLD RR GRADE / SNOWMOBILE TRAIL

Latitude - Longitude Determination Method Used	Datum Used
GPS - GARMIN GPSMAP 78	WGS 84

Start Latitude	Start Longitude	End Latitude	End Longitude	County
N46.66476	W-90.91583	N46.66491	W-90.91632	BAYFIELD

Water Characteristics

Time (24-hr clock)	Air Temperature (C)	Water Temperature (C)	Conductivity (µs/cm)	Transparency (cm)
		64F		

Dissolved Oxygen (mg/l)	Dissolved Oxygen % Saturation	pH

Flow (m³/sec)	Water Level (check one - measure distance if Above or Below Normal):	Water Clarity:
	[X] Normal [ ] Below: _____ (m) [ ] Above: _____ (m)	[X] Clear [ ] Turbid [ ] Stained

Channel and Basin Characteristics

Mean Stream Width (m)	Station Length (m)
ESTIMATED ~ 050	50

Channel Condition: (check one) [X] Natural [ ] > 20-year-old Channelization [ ] 10- to 20-year-old Channelization [ ] < 10-year-old Channelization [ ] Concrete Channel

Percent Channelization	Sinuosity	Gradient (m/km)	Stream Order	Basin Area (km²)
0				

Comments / Notes

SMALL TRIBUTARY TO THOMPSON CREEK, LITTLE FLOW AND WATER TO SUSTAIN FISH UPSTREAM FROM STN 13. DOWNSTREAM FROM STN 13 BECOMES WIDE AND SANDY.

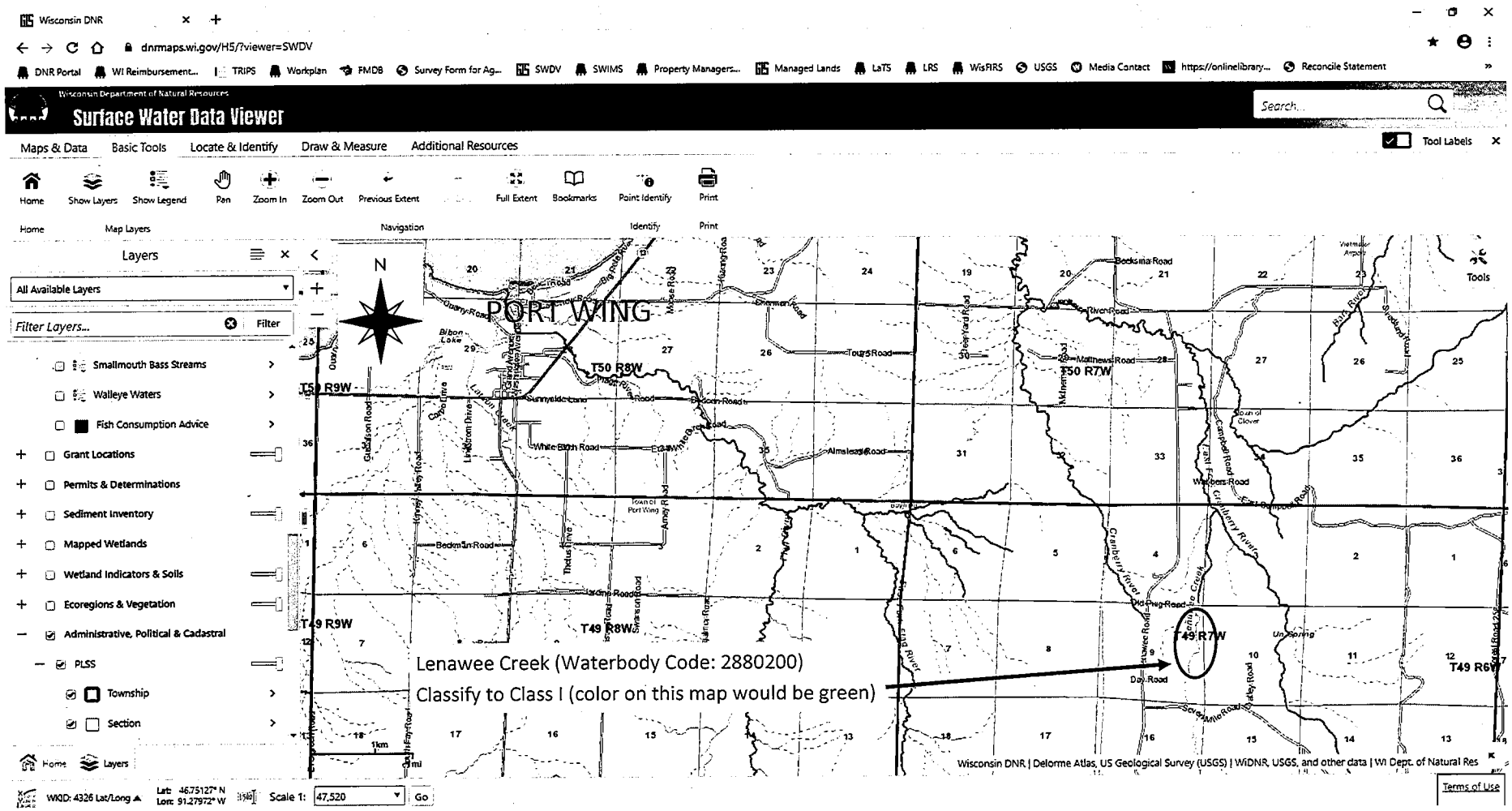
HABITAT ASSESSMENT DONE USING NOTES FROM SURVEY, AERIAL PHOTOS AND RECOLLECTION OF STREAM CHANNEL, INSTREAM COVER AND RIPARIAN AREA

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

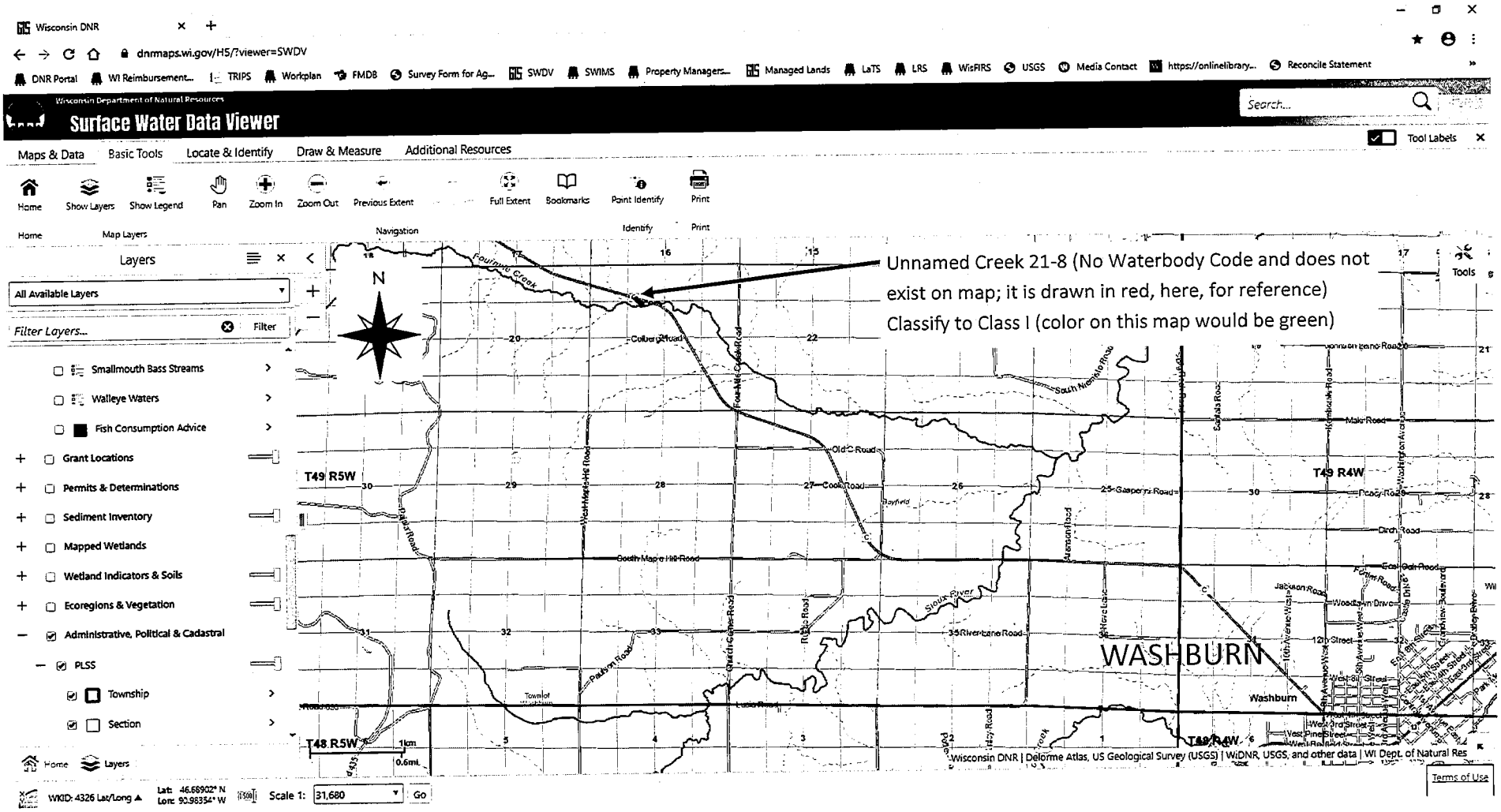
Form 3600-532A (R 6/07)

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	10
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)	0
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)	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 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 NO RIFFLES TWO BENDS (5)	Habitat monotonous; riffles or bends rare; generally continuous run habitat; ratio > 25 0	5
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 PREDOMINATELY SAND - RUN (0)	0
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 LWD. (5)	Cover rare or absent; limited to < 5% of stream 0	5
				Total Score	25

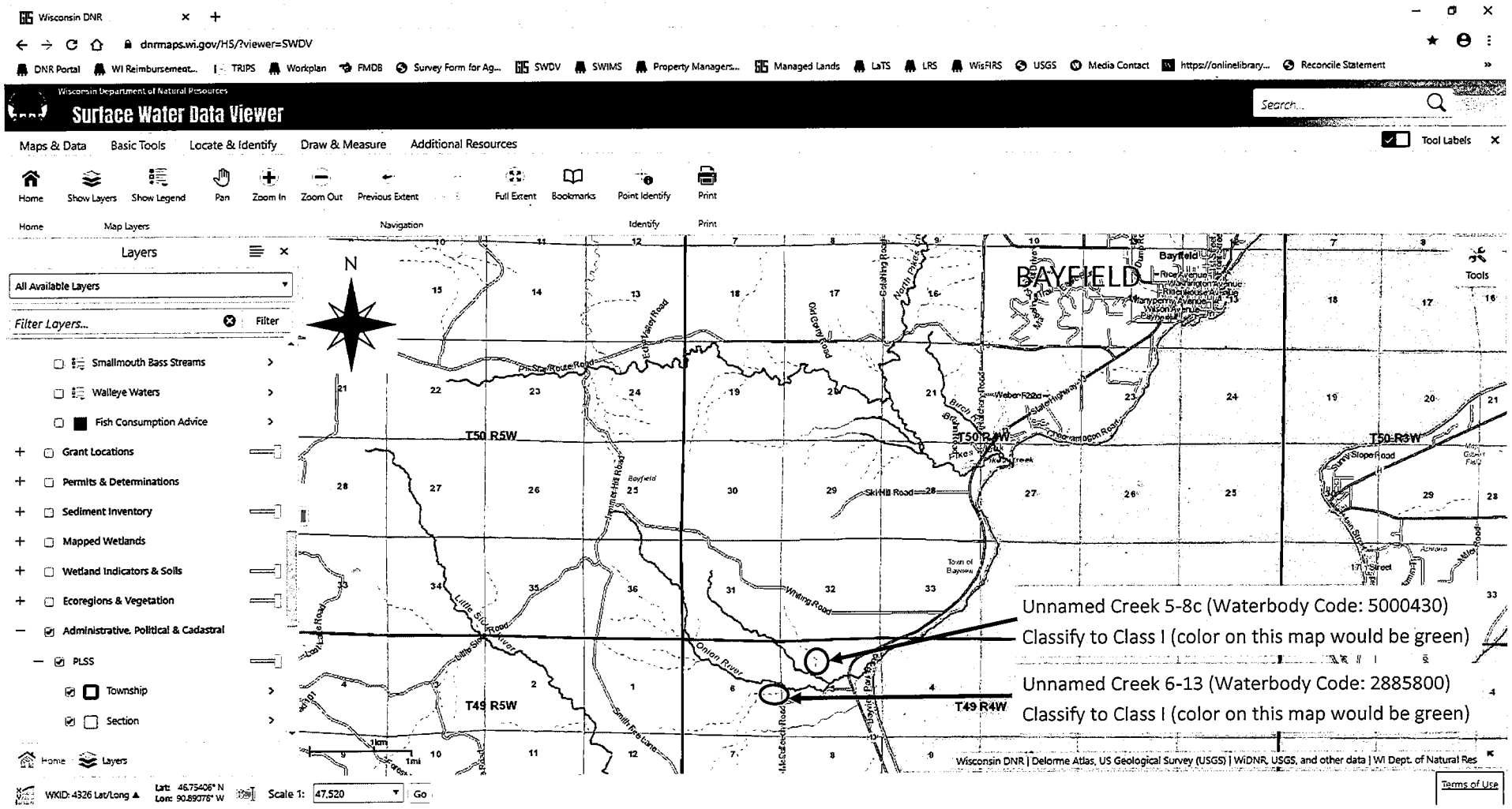
PART 3: Maps



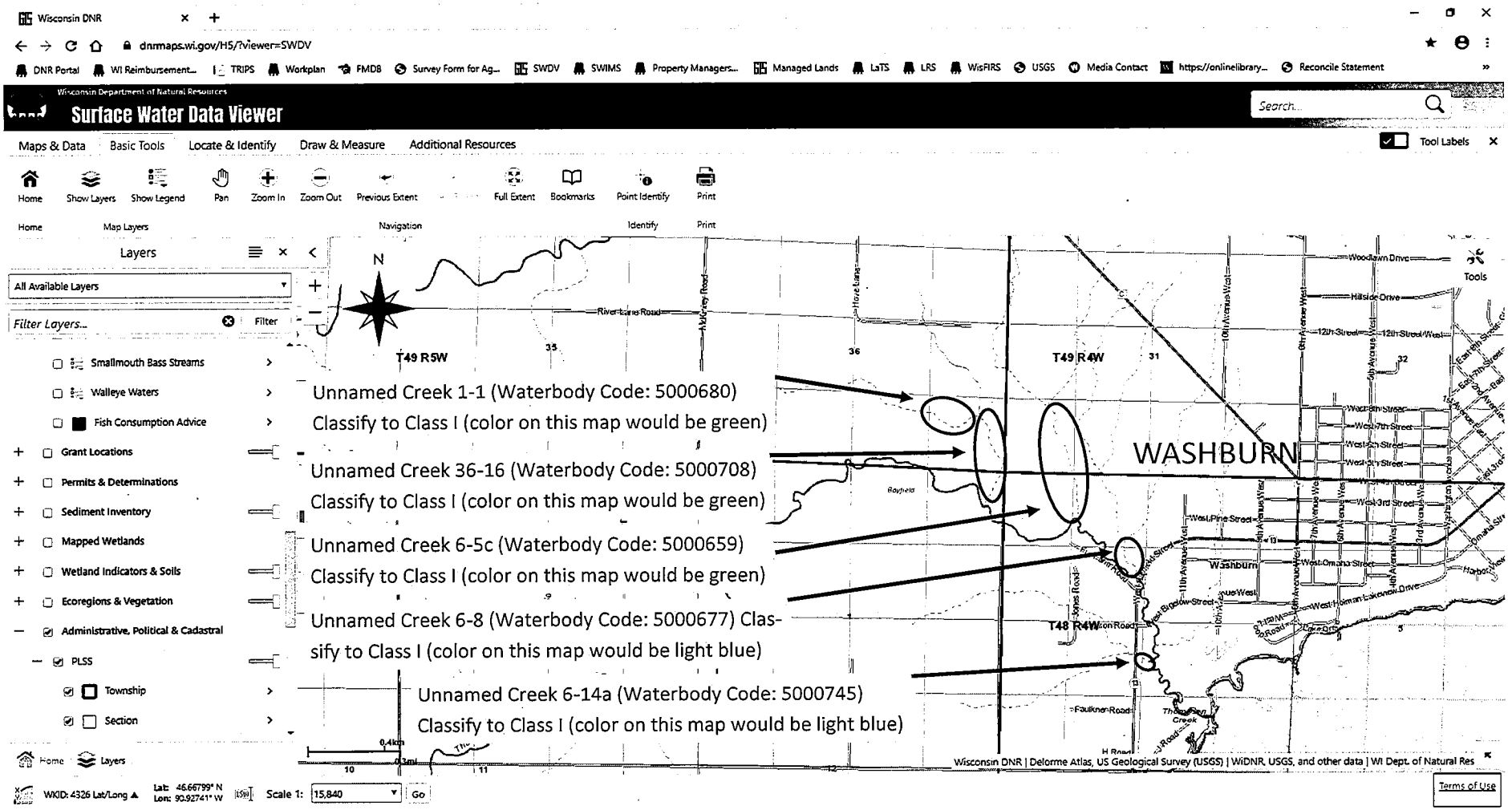
2020 Wisconsin DNR Proposed Trout Stream Classification Map—Bayfield County (Map 3)
Wisconsin DNR—Superior
November 9, 2020



2020 Wisconsin DNR Proposed Trout Stream Classification Map—Bayfield County (Map 1)
Wisconsin DNR—Superior
November 9, 2020



2020 Wisconsin DNR Proposed Trout Stream Classification Map—Bayfield County (Map 4)
Wisconsin DNR—Superior
November 9, 2020



2020 Wisconsin DNR Proposed Trout Stream Classification Map—Bayfield County (Map 2)
Wisconsin DNR—Superior
November 9, 2020

PART 4: Correspondence and Public Notice

- Legislative committees, legislators, and county and municipal official notifications
- Newspaper public notice – Ashland Daily Press

Piszczek, Paul P - DNR

From: Piszczek, Paul P - DNR
Sent: Thursday, October 8, 2020 2:46 PM
To: sfibert@bayfieldcounty.org; Pope, Tracy D - MUN; bayviewtown@centurytel.net; clerk@townofwashburn.com
Subject: DNR Fisheries Public Notice - Trout Stream Classification: Bayfield County
Attachments: 2020_Bayfield_Co_Public_Notice_FINAL.pdf

Hello,

This email is being sent to all county, town, city, or village clerks per Wisconsin Department of Natural Resources Fisheries Management public notice procedures.

Please see the attached DNR public notice regarding the proposed classification of nine stream segments as trout water in Bayfield County. The public notice will be published as a Legal Notice in the Ashland Daily Press print and e-editions on October 9, 2020.

This notice is also being emailed to legislators and legislative committee chairpersons whose districts include the proposed trout streams.

Please feel free to contact me if you have any questions.

Regards,
Paul

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Paul Piszczek
Senior Fisheries Biologist – Lake Superior Basin Tributaries
Fish, Wildlife, & Parks Division
Wisconsin Department of Natural Resources
1701 North 4th Street
Superior, WI 54880
Phone: (715) 392-7990
paul.piszczek@wisconsin.gov

dnr.wi.gov

Piszczek, Paul P - DNR

From: Piszczek, Paul P - DNR
Sent: Thursday, October 8, 2020 2:46 PM
To: Sen.Bewley - LEGIS; Rep.Milroy@legis.wisconsin.gov; Rep.Meyers - LEGIS
Subject: DNR Fisheries Public Notice - Trout Stream Classification: Bayfield and Douglas Counties
Attachments: 2020_Bayfield_Co_Public_Notice_FINAL.pdf; 2020_Douglas_Co_Public_Notice_FINAL.pdf

Hello,

This email is being sent to legislators and the chairpersons of the legislative committees with jurisdiction for natural resources issues per Wisconsin Department of Natural Resources Fisheries Management public notice procedures.

Please see the attached DNR public notice regarding the proposed classification of nine stream segments as trout water in Bayfield and Douglas counties. The public notice will be published as a Legal Notice in the Superior Telegram and the Ashland Daily Press print and e-editions on October 9, 2020.

This notice is also being emailed to county, city, town, and/or village clerks whose jurisdictions include the proposed trout streams.

Please feel free to contact me if you have any questions.

Regards,
Paul

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Paul Piszczek
Senior Fisheries Biologist – Lake Superior Basin Tributaries
Fish, Wildlife, & Parks Division
Wisconsin Department of Natural Resources
1701 North 4th Street
Superior, WI 54880
Phone: (715) 392-7990
paul.piszczek@wisconsin.gov

Piszczek, Paul P - DNR

From: Piszczek, Paul P - DNR
Sent: Thursday, October 8, 2020 2:48 PM
To: Sen.Cowles - LEGIS; Rep.Kitchens - LEGIS; Rep.Mursau - LEGIS
Subject: RE: DNR Fisheries Public Notice - Trout Stream Classification: Bayfield and Douglas Counties
Attachments: 2020_Bayfield_Co_Public_Notice_FINAL.pdf

Hello,

This email is being sent to legislators and the chairpersons of the legislative committees with jurisdiction for natural resources issues per Wisconsin Department of Natural Resources Fisheries Management public notice procedures.

Please see the attached DNR public notice regarding the proposed classification of nine stream segments as trout water in Bayfield County. The public notice will be published as a Legal Notice in the Superior Telegram print and e-editions on October 9, 2020.

This notice is also being emailed to county, city, town, and/or village clerks whose jurisdictions include the proposed trout streams.

Please feel free to contact me if you have any questions.

Regards,
Paul

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Paul Piszczek
Senior Fisheries Biologist – Lake Superior Basin Tributaries
Fish, Wildlife, & Parks Division
Wisconsin Department of Natural Resources
1701 North 4th Street
Superior, WI 54880
Phone: (715) 392-7990
paul.piszczek@wisconsin.gov

dnr.wi.gov

PUBLIC NOTICES

The City of Ashland Historic Preservation Commission will be holding its October 19, 2020 meeting at 5:00pm via GoTo Meetings.

Please join my meeting from your computer, tablet or smartphone. https://global.gotomeeting.com/join/886525429 You can also dial in using your phone.
United States (Toll Free): 1 877 309 2073 or United States: +1 (571) 317-3129, using Access Code: 886-525-429.

The meeting agenda can be found on the Calendar on the City of Ashland's website at www.ceawi.org.

10/9, 2020
WNAXLP

Minutes of the:
Bayfield County Board of Supervisors' Meeting
August 25, 6:00 p.m.
Bayfield County Board Room,
Courthouse, Washburn,
Wisconsin

Full copies of resolutions, ordinances, reports, and other agreements can be found at: www.bayfieldcounty.org or the Bayfield County Clerk's Office: 715-373-6100, 117 East 5th Street Washburn, WI 54891.

The Bayfield County Board of Supervisors meeting was called by Bayfield County Chairman, Dennis M. Pocernich. A roll call was taken by County Clerk- Scott Fibert, as follows: Steve Sandstrom-present; Mary Dougherty-present; Larry Fickbohm-present; Charly Ray-present; Jeremy Oswald-present; Jeffrey Silbert-present; Dennis Pocernich-present; Fred Strand-present; Thomas Sniteberg-present; Marty Milanowski-present; David Zepczyk-present; James Crandall-present; Brett Rondeau-absent. Total: 12 present, 1 absent. A quorum was present to conduct business.

The following were also present: County Administrator- Mark Abeles-Allison, County Clerk- Scott Fibert, County Veterans Service Officer-Kevin Johnson, County Tourism & Recreation Director- Mary Motiff, County Accountant- Kim Mattson, (via Microsoft Teams), Health Director- Sara Wartman (via Microsoft Teams), County Child Support Director- Jennifer Oemek (via Microsoft Teams), County Director of Information of Technology-Paul Houck (via Microsoft Teams), Mary Ann Kolar (via Microsoft Teams), and Ann Chartier (via Microsoft Teams)

3. Pledge of Allegiance; The Pledge of Allegiance was recited by all in attendance.

4. Minutes: Discussion and Possible Action, Minutes from July 28, 2020. Motion by Milanowski, Fickbohm to approve minutes from July 28, 2020. Motion carried, 12-0, 1 absent.

5. Public Comment: None

6. Veterans Presentation; Kevin Johnson introduced Mary Ann Kolar, Department of Veterans Affairs Secretary. Kolar provided updates of veterans programs and group homes since the COVID pandemic, Chairman Pocernich thanked Kolar for the update.

7. Presentation, 100th Anniversary Women's Right to Vote, 19th Amendment, Resolution #71, Ann Chartier presented a history of the League of Women's Voters and efforts related to women's suffrage. Chairman Pocernich thanked her for the presentation. A Motion was made by Sandstrom, Dougherty to approve Resolution 2020-71. Motion carried 12-0, 1 absent.

8. Tourism and Fair Reports, Motiff reported on current status of tourism and the Bayfield County fair held virtually this year. Information requests in 2020 have surpassed requests in 2019. Sales tax is currently 2% above last year as of the end of July. The first Bayfield County virtual fair was well attended with 136 exhibitors (47% of 2019) and 1170 exhibits. Market sale proceeds were $95,660 with over $2200 in ad on revenue. Motiff urged board members to enjoy ongoing Best Fair Food offerings around the county as part of the Fair sponsored contest
A Motion was made by Fickbohm, Crandall to receive and place on file. Motion carried 12-0, 1 absent.

9. Employee of the Year Resolutions, 72-23. Abeles-Allison announced the nominees and recipients of the Employee of the Year awards in the Sheriff and Courthouse. Recipients: Luke Kleczka and Jenan Delaine.
A Motion was made by Oswald, Milanowski to approve Resolutions 2020-72 and 2020-73. Motion carried 12-0, 1 absent.

10. Departments of the Year Resolutions 74-76. Abeles-Allison explained for the first time ever it was a very close tie between three departments. The committee decided on all three because of work during the pandemic. Houck and Wartman thanked the Board for the rewards. Pocernich thanked the departments.
A Motion by Silbert, Strand to appoint approve Resolutions 2020-74, 2020-75, and 2020-76. The Motion Carried, 12-0, 1 absent.

11. Child Support Awareness Month Proclamation #5. Osmek reported Governor Evers announced August 2020 as Child Support Awareness Month in Wisconsin in recognition of the role Child Support agencies play to create economic security for Wisconsin families. The agencies stepped up during the pandemic for children needed financial support while working with parents when income has been impacted.
A Motion by Oswald, Crandall to approve Proclamation 2020-05. The Motion Carried, 12-0, 1 absent.

12. Library Committee appointments. Abeles-Allison presented the appointments: Mary Lynch, Karen Jelinek, Laurie St. Aubin-Whelihan, Cassie Fleming, and Diane Posner.
A Motion by Oswald, Crandall to confirm the appointments to the Library Committee. The Motion Carried, 12-0, 1 absent.

13. July 17-19, 2020 Emergency Declaration Confirmation.
A Motion by Crandall, Oswald to confirm the Emergency Declaration Confirmation. The Motion Carried, 12-0, 1 absent.

14. Bayfield County Loan with the Bayfield County Industrial Development Agency. Abeles-Allison explained the history of the loan with Impact 7, Bayfield County, and the Industrial Development Agency. On August 20, the Bayfield County Industrial Development Authority met and recommended a write down of debt owned; Bayfield County's portion being $60,150.
A Motion by Milanowski, Sandstrom to approve writing down the loan between Bayfield County and The Industrial Development Agency. A roll call was taken as follows: Pocernich-yes, Strand-yes, Snilsberg-yes, Milanowski-yes, Zepczyk-yes, Crandell-yes, Rondeau-absent, Sandstrom-yes, Dougherty-yes, Fickbohm-yes, Ray-yes, Oswald, yes, Silbert-yes. The Motion Carried 12-0, 1 absent.

15. Report of the Bayfield County Planning and Zoning Committee No. 2020-11; Petition to amend the Bayfield County Zoning Ordinance regarding the Zoning of a parcel owned by Arthur and Angela Hyde, Town of Bell, from Residential-one (R-1) to Agricultural-one (Ag-1). .
Silbert explained rezone for addition of animals on the property.
A Motion by Silbert, Zepczyk to receive and place on file. The motion carried 12-0, 1 absent.

16. Bayfield County Ordinance Amendment No. 2020-11. Petition to amend the Bayfield County Zoning Ordinance regarding the Zoning of a parcel owned by Arthur and Angela Hyde, Town of Bell, From Residential (R-1) to Agricultural 1 (Ag-1).
A Motion by Silbert, Fickbohm, to approve Amendment 2020-11. The Motion carried 12-0, 1 absent.

17. Bayfield County Administrator's Report:
a) Wartman presented COVID-19 Health update: COVID is still considered a communicable disease in Wisconsin; thinking of curbside drive up for flu shots, working with schools' procedures regarding COVID.
b) Clean Sweep ran successfully. 135 residents served in Iron River.
c) Future County Board Meeting Dates, the following meetings are all regularly scheduled:
• September 29th, 2020
• October 27th, 2020
• November 10, 2020
d) Census 2020; encourage people to complete the census.
e) Pigeon Lake Report: Highway department is raising the build as waters continue to rise; 17 inches of rain was reported since July 1.
f) Budget 2021 Status Report: early projections show slightly less levy needed than last year. September 10 a balanced budget will be presented to Executive.
g) Wisconsin Counties Association, Business Meeting and Resolutions; discussed upcoming meeting to be held virtually.

18. Supervisors' Reports: None
Adjournment at 7:51 p.m.

Sincerely,

Scott S. Fibert
Scott S. Fibert, Bayfield County Clerk
SSF/kmm

10/9, 2020
WNAXLP

City of Ashland
Request for Proposals
Residential Redevelopment of the Timeless Timber Site

The City of Ashland is accepting proposals for commercial redevelopment of the City-owned former Timeless Timber site, located on U.S. Highway 2, until 4:00pm on October 14, 2020. To view the full Request for Proposals (RFP) visit http://www.ceawi.org/Bids.aspx.

10/9, 2020
WNAXLP

The Ashland City Council and Committee of the Whole will meet on Tuesday, October 13, 2020 @ 630pm via GOTO Meeting.

You can join the meeting by using the following link:
Ashland City Council, Tue, Oct 13, 2020 @ 5:30 PM
Please join from your computer, tablet or smartphone.
https://global.gotomeeting.com/join/117132637

You can also dial in using your phone.
United States (Toll Free): 1 877 309 2073<tel:+18773092073,,117132637>
Access Code: 177-132-637

New to GoToMeeting? Get the app now and be ready when your first meeting starts: https://global.gotomeeting.com/install/117132637

10/9, 2020
WNAXLP

The City of Ashland Planning Commission will be holding its October 20, 2020 meeting at 6:30pm via GoTo Meetings.

Please join my meeting from your computer, tablet or smartphone. https://global.gotomeeting.com/join/492478157. You can also dial in using your phone.
United States (Toll Free): 1 866 899 4679 or United States: +1 (571) 317-3129, using Access Code: 437-393-405.

The meeting agenda can be found on the Calendar on the City of Ashland's website at www.ceawi.org.

10/9, 2020
WNAXLP

DNR PROPOSES NEW TROUT STREAM CLASSIFICATIONS IN BAYFIELD COUNTY

SUPERIOR - Pursuant to NR 1.02(7)(c), Wis. Adm. Code, the Department of Natural Resources gives public notice of the classification of several Lake Superior tributary stream segments in Bayfield County as Class I or Class II trout streams. The classifications are based on surveys that found naturally reproducing populations of resident and Lake Superior trout and salmon.

Classified Trout Waters in Wisconsin are defined as follows:

A Class I Trout Stream is a stream or portion thereof with a self-sustaining population of trout. Such streams contain trout spawning habitat and naturally produced fry, fingerling, and yearling in sufficient numbers to utilize the trout habitat; or contains trout with 2 or more age groups, above the age of one year, and natural reproduction and survival of wild fish in sufficient numbers to utilize the available trout habitat and to sustain the fishery without stocking.

A Class II Trout Stream is a stream or portion thereof that contains a population of trout made up of one or more age groups, above the age one year, in sufficient numbers to indicate substantial survival from one year to the next, and may or may not have natural reproduction of trout occurring; however, stocking is necessary to fully utilize the available trout habitat or sustain the fishery.

A Class III Trout Stream is a stream or portion thereof that requires the annual stocking of trout to provide a significant harvest; and does not provide habitat suitable for the survival of trout throughout the year, or for natural reproduction of trout.

The seven streams proposed as Class I are:
• Lenawee Creek (T49N R07W S9), Town of Clover o 1.00 mile beginning at the upstream terminus of the existing Class 1 trout water segment of Lenawee Creek, approximately 0.13 mile east of Puig Road and flowing through existing State land within the South Shore Lake Superior Fishery Area.

• Unnamed Creek 21-8 (T49N R05W S21), Town of Bayview o 0.05 mile beginning approximately 0.10 mile west of the County Highway C culvert, north to County Highway C.

• Unnamed Creek 5-8c (T49N R04W S5), Town of Bayview o 0.25 mile beginning at confluence with unnamed tributary to Onion River, approximately 0.25 mile west of the Onion River crossing at State Highway 13.

• Unnamed Creek 6-13 (T49N R04W S6), Town of Bayview o 0.25 mile beginning at confluence with Onion River, 0.06 mile east of powerline corridor and north of McCulloch Road; 0.75 mile west of State Highway 13.

• Unnamed Creek 1-1 (T48N R05W S1 to T49N R05W S36), Town of Washburn
o 0.34 mile beginning at Thompson Creek, approximately 0.30 miles northwest of the end of Fur Farm Road, upstream to the confluence with Unnamed Creek 36-16 (T48N R05W S36), approximately 0.30 miles south-southeast of the end of Hove Lane.

• Unnamed Creek 36-16 (T48N, R05W S36), Town of Washburn o 0.20 mile beginning approximately 0.32 mile south-southwest of the end of Hove Lane downstream to the confluence with Unnamed Creek 1-1 (T48N R05W S1), approximately 0.30 mile northwest of the end of Fur Farm Road.

• Unnamed Creek 6-5c (T48N R04W S6 to T49N R04W S31), Town of Washburn o 0.42 mile beginning at the confluence with Thompson Creek, approximately 0.09 mile north-northeast of the end of Fur Farm Road, upstream to the confluence with Unnamed Creek 31-11 (T49N R04W S31), approximately 0.41 mile southeast of Hove Lane.

The two streams proposed as Class II are:
• Unnamed Creek 6-8 (T48N R04W S6), Town of Washburn o 0.15 mile beginning at Thompson Creek, approximately 0.05 mile north of the junction of Fur Farm Road and State Highway 13, upstream to the confluence with Unnamed Creek 6-5d (T48N R04W).

• Unnamed Creek 6-14a (T48N, R04W S6), Town of Washburn o 0.05 mile beginning at State Highway 13, approximately 0.09 mile south of the junction with Thompson Road/West Bigelow Street, downstream to the confluence with Thompson Creek.

The DNR will waive any hearing requirement on this classification unless a written request for a hearing is received before November 9, 2020. Hearing requests should be sent to Paul Piszczek, Senior Fisheries Biologist, Wisconsin DNR, 1701 North 4th Street, Superior, WI 54880.

10/9, 2020
WNAXLP

REQUEST FOR PROPOSALS (RFP) CONSTRUCTION MANAGER-AT-RISK

Red Cliff Chippewa Housing Authority (RCCHA) is requesting proposals for a Construction Manager-at-Risk General Contractor for project entailing 22 new residential housing units and modernization of a 2-story, 6-unit apartment complex.

To obtain complete RFP package requirements, contact Cheryl Cloud, Executive Director at ccloud@redcliffhousing.org or 715-779-3477, ext. 3506.

RCCHA is located at 37645 New Housing Road in Red Cliff, WI. Mailing Address: 37645 New Housing Road; Bayfield, WI - 54814.

WNAXLP

SCHOOL DISTRICT OF BAYFIELD

Technology Integration Specialist

Position Summary

This new position will support the use of educational technologies to promote student achievement in the PK-12 classroom as well as analyze data to measure student progress. Non-exempt, full time 12 month with benefits. Approx. Hourly Wage - $24.00 to $26.50.

Qualifications:

Experience educating teachers or other adults in the integration of technology for instruction; network/computer program analyses; Infinite Campus, Wisedash, Canvas.

Key Duties and Responsibilities

- Collaborate with teachers to compose useful technology-infused, content-based lessons and support as they implement the lessons in their classrooms.
- Provide assistance and training to instructional staff in the integration of technology to support student achievement.
- Collaborates in the evaluation, selection and implementation of instructional technology materials and software.
- Create documentation for users, test software systems, and design ways of using our software.
- Serves as backup for District IT Director when he/she is out of the building.

The School District of Bayfield does not discriminate in employment decisions based on age, race, creed, religion, color, disability, handicap, marital status, sex, sexual orientation, national origin, citizenship status, ancestry, arrest record, conviction record, or membership in the National Guard or military forces of the United States, or other protected group status.

For more information and to apply, visit our website www.bayfield.k12.wi.us/employment.

SCHOOL DISTRICT OF BAYFIELD
300 North 4th Street, Bayfield, Wisconsin
(715) 779-3201

Greenwood Cemetery Notice
Bayfield, WI

In accordance with Section 172-12 I. the City of Bayfield or an approved group will collect and dispose of all potted plants and artificial flowers/decorations beginning October 16, 2020. Please help maintain the Greenwood Cemetery by disposing of these items prior to this time.

Please call Billie L. Hoopman, Clerk if you have any questions at 715-779-5712.

ATTENTION TOWN OF KELLY PROPERTY OWNERS AND RENTERS SNOWPLOWING RATES FOR TOWN OF KELLY DRIVEWAYS FOR THE 2020-2021 SEASON ARE AS FOLLOWS:

$200 (up to 1/4 mile), $250 (1/4 mile - 1/2 mile), $300 (over 1/2 mile) to be paid by October 31, 2020.
$250/$300/$350 (up to 1/4 mile/1/4 mile - 1/2 mile/over 1/2 mile) between November 1 - December 31, 2020.
After December 31, 2020 - only on an hourly rate of $150 - minimum of $150, at the discretion of the Road Crew Supervisor.
Plowing under special circumstances is at an hourly rate of $150.
All lanes must be cleared of obstacles and have ample turn around, otherwise lane will not be plowed.
The Town reserves the right to refuse to provide plow services on driveways not up to standards.
To avoid damage to property, lanes must be flagged.
Town and driver not responsible for damage to property.
Town is not responsible for clean up on private driveways between storms. Landowners are asked to provide a phone number for Town staff to contact for additional information.
Landowners should contact Road Crew Supervisor Bill Franzel only during regular business hours at the Town Hall: 715-765-4662.

Send your payment by October 31, 2020 to:
Lorri A. Mattes, Treasurer
Town of Kelly
60050 Roy Anderson Road, Mason, WI 54856

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3 BR Single Family Home OR
1 BR Apartments for rent Crestview Apartments, Mellen WI for those 52 or older or disabled. Amenities include free Wi-Fi, elevator, walking distance to downtown, small pets, indoor mail service, utilities included, laundry facility. Rent based on income.

Call E. Fuller Inc. 715-634-2040.
Section 8 affordable, Equal Housing Opportunity

SALT/SAND BID

The Town of Barksdale is soliciting bids for 350 tons 10% salt/sand to be stockpiled at the town garage site on E. Ondossagon Road, Ashland, WI. The salt/sand shall be delivered to the stockpile site during any weekday Monday through Friday. Weight slips are required. The bid should state that, should the Town request additional salt/sand during the 2020/2021 winter season, it will be provided at the same price as quoted in the initial bid.
The Town reserves the right to accept or reject any or all bids. Bids are due by 7:00 p.m., Tuesday, October 13, 2020.
Mail bids to:
Town of Barksdale, Salt/Sand Bids
29025 E. Ondossagon Road
Ashland, WI 54806
If you have questions you may contact David Lucius at 682-2229.

WNAXLP