

## Trout Stream Classification Checklist (revised 7/2012)

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

Stream name: North Fish Creek

County: Bayfield

WBIC: 2888000

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.

North Fish Creek in Keystone Township (T47N, R6W, Sect 29). 0.4 mile beginning at the confluence with an unnamed tributary approximately 0.2 mile southeast from the intersection of Section Lines 29 and 30 and U.S. Highway 2, downstream to U.S Highway 2. This segment joins with the existing 9.6-mile, Class 1 segment that continues downstream to the existing 7.5-mile Class 2 segment that continues to Chequamegon Bay.

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° 9' 19.1" W, 46° 31' 43.2" N

Downstream point coordinates: 91° 8' 52.1" W, 46° 31' 48.2" N

Classification proposed: 1a

- Fish survey (including relative abundance, length distribution, and age structure) and habitat survey completed on water to be classified  
Survey on file at what location: DNR Superior paper files and Superior network electronic files; Fisheries Management Database (query WBIC)
  
- Water leader has consulted with other Water Division Bureaus, especially for class III waters.  
Date: 10-4-2013
  
- Public notice published in local newspaper or other media  
Date: 10-24-2013

Notice sent to all clerks of the county, town, city, or village in which the stream is located

Date: 11/4/2013

Notice sent to legislators in the affected districts

Date: 11/4/2013

Notice sent to chairpersons of legislative committees with jurisdiction for natural resources issues

Date: 11/4/2013

No hearing requested 30 days after public notice

Hearing requested, held, and classification recommended

Date \_\_\_\_\_

Signed: Author of Checklist Paul Pisozzi Date 11-29-2013

Fish Team Supervisor [Signature] Date 12/17/2013

Water Leader Nancy J. Lawson Date 1/21/2014

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ELECTROFISHING Data Collection Sheet: CWA - Baseline or Natural Community Reference Stream Monitoring

Waterbody: Fish Creek Above Hwy 2 Gear:  Backpack  Stream-shocker(s) \_\_\_\_\_  
 WBIC: 2888000 Current Type: [AC]  [DC] [PDC] \_\_\_\_\_  
 County: BAYFIELD Volts: 300 Pulse Rate: 80 \_\_\_\_\_  
 Station Name or Description: U/S V34 2 Amps: 1.35 Duty Cycle: 200 Total Time: 40 min  
Additional trout stream classification  
 Start Lat/Long: N 46° 31' 48.2" W 091° 8' 52.1" No. of Dippers/Anodes [1]  [2] [3] \_\_\_\_\_  
 End Lat/Long: N 46° 31' 44.5" W 091° 8' 58.2" Survey Type: CPUE Mesh Size: 0.1875 Pass Type:  [Up] [Dn] [Up-Dn] [Other] \_\_\_\_\_  
 Collectors: Slaminski / Reynolds Weather: Sunny Adverse Cond: \_\_\_\_\_  
 Target Fish:  [All species]  [Gamefish] Water Level:  [Hi]  [Norm]  [Low] \_\_\_\_\_  
 Clarity: Good Turbid Water Temp: 56°F

SPECIES		Cohort		Length		Weight		Comments										
Drift	RPM/Min	Colo	Section	Date	W. Suckler	B. Striped	Koy Rainbow	C. Chub	Milk Dace									
8.1	5.7	7.2	5.7	4.3	4.4	3.2	3.3	3.8	3.7	4.5	4.2	2.5	2.7	2.6	2.5	4.0	3.7	2.3
		7.5	5.9	5.0	4.6	3.6	1.4	2.3	3.3	1.5	2.0	1.8		2.3	2.4	3.5	3.0	
		5.3	3.0	4.3	3.8	2.8	3.3							2.3	2.7			
		3.2	3.4	4.5	3.9	2.8	3.0							2.8	1.3			
		5.5	5.2	4.3	3.9	1.7	3.0							2.2	2.2			
		3.1		3.9	3.0	3.0	2.9							2.6	1.7			
				4.0		3.3	1.8							2.4	2.2			
				3.4		1.9	1.6							2.5	1.3			
						2.5	1.6							1.1	1.1			
						1.7	1.8							1.4	2.3			
						2.6	1.6							2.6	2.5			
						1.6	1.5							2.4	2.5			
						1.5	1.8							2.9	2.1			
						2.5	2.4							2.7	2.4			
						1.7	1.7							2.9	2.4			
						1.3	1.4							1.3	2.6			
						1.5	1.2							2.7	1.2			
						1.5	1.3							1.2	2.7			
						1.4	1.3							2.2	1.3			
						4.0	3.2							2.5	2.2			
						2.9	2.6							2.4	1.4			
						2.6	1.5							1.2	1.2			
						1.6	1.9							1.8	2.4			
						1.6	1.8							2.6	2.2			
						1.7	1.6							2.2	3.0			
						+3	+3							3.0	2.4			
						+1								2.9	2.9			
														2.2	3.1			
														2.9	2.9			
														1.3	1.3			
														2.6	2.5			
														2.1	1.2			
														2.8	2.1			
														2.6	2.3			
														1.3	2.2			
														2.4				

STREAM SURVEY STATION REPORT

DEPARTMENT OF NATURAL RESOURCES

FORM 3600-39

NAME OF STREAM <b>North Fish Creek</b>		Survey Station No. <b>31E</b>	POINT OF EXAMINATION <b>From US. Highway #2 culvert 2200' to feeder on right (NW 1/4 of the NW 1/4 of Section 29)</b>	
COUNTY <b>Bayfield</b>				
Township <b>47N</b>	Range <b>6W</b>	Section <b>29</b>	Distance Sampled (ft.) <b>2200'</b>	GEAR USED <b>240 volt A.C. stream shaker</b>
Avg. Width (ft.) <b>18.7'</b>	Avg. Depth (ft.) <b>.81</b>	Vol. of Flow (c.f.s.) <b>2.84</b>	VELOCITY <input type="checkbox"/> Sluggish <input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Rapid	
WATER <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Stained <input type="checkbox"/> Dirty		CONDUCTANCE <b>C<sub>f</sub></b> <b>C<sub>77</sub></b>	TEMPERATURE .....Water .....Air .....Time	Max. Flood Crest (ft.) <b>2-3'</b>
WATER LEVEL CONDITIONS <b>3</b> In. Below ..... Normal ..... In Above		PRIOR WEATHER CONDITIONS <b>very dry summer</b>		
POLLUTION <b>none apparent</b>				
STREAM BOTTOM TYPES (%) .....Bedrock <b>30</b> <b>Clay</b> <b>15</b> Boulder <b>30</b> Rubble <b>10</b> Gravel <b>15</b> Sand .....Silt .....Marl .....Detritus				POOL GRADE <b>40% A 60% B</b> POOL-RIFFLE RATIO <b>2% Rapid</b> <b>80% Flatwater 18% Riffle</b>
AQUATIC VEGETATION (Species) <b>none</b>	Abund. <b>N</b>	AQUATIC VEGETATION (Species)	Abund.	AQUATIC VEGETATION (Species)
INSTREAM COVER		Scarce	Common	Abundant
Undercut banks	<input checked="" type="checkbox"/>			
Rocks, boulders			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Logs, trees		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Debris			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aquatic Vegetation	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
AQUATIC LIFE				
Stonefly				<input checked="" type="checkbox"/>
Mayfly				<input checked="" type="checkbox"/>
Caddisfly				<input checked="" type="checkbox"/>
Shrimp				
Crayfish				<input checked="" type="checkbox"/>
STREAM BANK VEGETATION				
.....% Cultivated		..... <b>10</b> .....% Upland Hardwood		..... <b>10</b> .....% Swamp Conifer
.....% Firm Pasture		..... <b>10</b> .....% Upland Conifer		.....% Shrub Marsh
.....% Meadow Pasture		..... <b>70</b> .....% Swamp Hardwood		.....% Open Marsh
STREAM COVER		FISHABILITY		
<input checked="" type="checkbox"/> Dense	<input checked="" type="checkbox"/> Partly Open	<input type="checkbox"/> Open	<input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input checked="" type="checkbox"/> Poor	
BANK EROSION		DAMS		
<input type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Medium	<input type="checkbox"/> Light	<input type="checkbox"/> None	Man-made <input type="checkbox"/> Number <input type="checkbox"/> Height <input type="checkbox"/> Pool Area Above
BANK HEIGHTS <b>4'5"</b>		Beaver (active) <input type="checkbox"/> Number <input type="checkbox"/> Height <input type="checkbox"/> Pool Area Above		
NEED FOR INSTREAM DEVICES		Beaver (inactive) <input type="checkbox"/> Number <input type="checkbox"/> Height <input type="checkbox"/> Pool Area Above		
<input type="checkbox"/> Heavy	<input type="checkbox"/> Medium	<input type="checkbox"/> Light	<input checked="" type="checkbox"/> None	
REMARKS				
(use back of sheet for additional remarks)				
DATE OF SURVEY <b>8-12-1976</b>			INVESTIGATOR <b>D. Pratt</b>	

STREAM				INVESTIGATOR		
North Fish Creek				Pratt, Morgenuv, Witek		
Area Sampled:	LENGTH	WIDTH	AREA (ACRES)	STATION NO.	NO. PER ACRE	DATE
	2200'	18.7'	0.94	31F	319.1	August 12, 1976
SPECIES						
SIZE RANGE	Rainbow	Brown				
1						
1.0 - 1.4						
1.5 - 1.9						
2.0 - 2.4						
2.5 - 2.9						
3.0 - 3.4						
3.5 - 3.9						
4.0 - 4.4						
4.5 - 4.9						
5.0 - 5.4						
5.5 - 5.9						
6.0 - 6.4						
6.5 - 6.9						
7.0 - 7.4						
7.5 - 7.9						
8.0 - 8.4						
8.5 - 8.9						
9.0 - 9.4						
9.5 - 9.9						TAGGED FISH (Color coded Floy) Red
10.0 - 10.4						
10.5 - 10.9						Rainbow = 16
11.0 - 11.4						Brown = 9
11.5 - 11.9						
12.0 - 12.4						
12.5 - 12.9						
13.0 - 13.4						
13.5 - 13.9						
14.0 - 14.4						
14.5 - 14.9						ALL TROUT AND SALMON
15.0 - 15.4						FIN-CLIPPED - Dorsal
15.5 - 15.9						
16.0 - 16.4						
16.5 - 16.9						
17.0 - 17.4						
17.5 - 17.9						
18.0 - 18.4						
18.5 - 18.9						
19.0 - 19.4						
19.5 - 19.9						
20.0 - 20.4						
20.5 - 20.9						
21.0 - 21.4						
21.5 - 21.9						
22.0 - 22.4						
22.5 - 22.9						
23.0 - 23.4						
23.5 - 23.9						
24.0 - 24.4						
24.5 - 24.9						
25 + (give actual size)						
<b>TOTAL</b>	200 + 86 <sup>not mens</sup> = 286			10 + 4 <sup>not mens</sup> = 14		

STREAM				INVESTIGATOR		
North Fish Creek				Pratt, Morgenau, Witek		
Area Sampled:	LENGTH	WIDTH	AREA (ACRES)	STATION NO.	NO. PER ACRE	DATE
	2200'	18.7'	0.94	31F		August 12, 1976
SPECIES						
SIZE RANGE	Sting Sculpin	White Sucker	Creek Chub	Brook Stickleback	Blacknose Shiner	Blacknose Dace
1.0 - 1.4						
1.5 - 1.9						
2.0 - 2.4						
2.5 - 2.9						
3.0 - 3.4						
3.5 - 3.9						
4.0 - 4.4						
4.5 - 4.9						
5.0 - 5.4						
5.5 - 5.9						
6.0 - 6.4						
6.5 - 6.9						
7.0 - 7.4						
7.5 - 7.9						
8.0 - 8.4						
8.5 - 8.9						
9.0 - 9.4						
9.5 - 9.9						
10.0 - 10.4						
10.5 - 10.9						
11.0 - 11.4						
11.5 - 11.9						
12.0 - 12.4						
12.5 - 12.9						
13.0 - 13.4						
13.5 - 13.9						
14.0 - 14.4						
14.5 - 14.9						
15.0 - 15.4						
15.5 - 15.9						
16.0 - 16.4						
16.5 - 16.9						
17.0 - 17.4						
17.5 - 17.9						
18.0 - 18.4						
18.5 - 18.9						
19.0 - 19.4						
19.5 - 19.9						
20.0 - 20.4						
20.5 - 20.9						
21.0 - 21.4						
21.5 - 21.9						
22.0 - 22.4						
22.5 - 22.9						
23.0 - 23.4						
23.5 - 23.9						
24.0 - 24.4						
24.5 - 24.9						
25 + (give actual size)						
<b>TOTAL</b>	50	10+72 <sup>not meas.</sup> =82	2+14 <sup>not meas.</sup> =16	17+10 <sup>not meas.</sup> =27	2	7+40 <sup>not meas.</sup> =47

STREAM				INVESTIGATOR		
North Fish Creek				Pratt, Morganav, Witek		
Area Sampled:	LENGTH	WIDTH	AREA (ACRES)	STATION NO.	NO. PER ACRE	DATE
	2200'	18.7'	0.94	31F		August 12, 1976
SIZE RANGE	SPECIES					
1	Longnose Dace	Johnny Darter	Central Mudminnow			
1.0 - 1.4		I				
1.5 - 1.9		IIII				
2.0 - 2.4	II	III	I			
2.5 - 2.9	IIII		III			
3.0 - 3.4	IIII III					
3.5 - 3.9	II					Common Shiner - 26
4.0 - 4.4						
4.5 - 4.9						
5.0 - 5.4						
5.5 - 5.9						
6.0 - 6.4						
6.5 - 6.9						
7.0 - 7.4						
7.5 - 7.9						
8.0 - 8.4						
8.5 - 8.9						
9.0 - 9.4						
9.5 - 9.9						
10.0 - 10.4						
10.5 - 10.9						
11.0 - 11.4						
11.5 - 11.9						
12.0 - 12.4						
12.5 - 12.9						
13.0 - 13.4						
13.5 - 13.9						
14.0 - 14.4						
14.5 - 14.9						
15.0 - 15.4						
15.5 - 15.9						
16.0 - 16.4						
16.5 - 16.9						
17.0 - 17.4						
17.5 - 17.9						
18.0 - 18.4						
18.5 - 18.9						
19.0 - 19.4						
19.5 - 19.9						
20.0 - 20.4						
20.5 - 20.9						
21.0 - 21.4						
21.5 - 21.9						
22.0 - 22.4						
22.5 - 22.9						
23.0 - 23.4						
23.5 - 23.9						
24.0 - 24.4						
24.5 - 24.9						
25 + (give actual size)						
TOTAL	23 + 16 not meas. = 39	19 + 22 not meas = 41	4 + 2 not meas = 6			