

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: Unnamed tributary to Unnamed tributary to Bark River

County: Bayfield

WBIC: 5000363

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 tributary to Bark River in Clover Township (T50N, R7W, Sects. 13 and 24). 0.8 mile beginning approximately 0.6 mile upstream from the abandoned powerline corridor, located approximately 0.7 mile east from the intersection of Deswart Road and Bark River Road, downstream to the confluence of an unnamed tributary to Bark River.

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° 10' 55.3" W, 46° 47' 40.2" N

Downstream point coordinates: 91° 11' 22.6" W, 46° 48' 18.7" 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

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 Pisnyak Date 11-29-2013

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

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

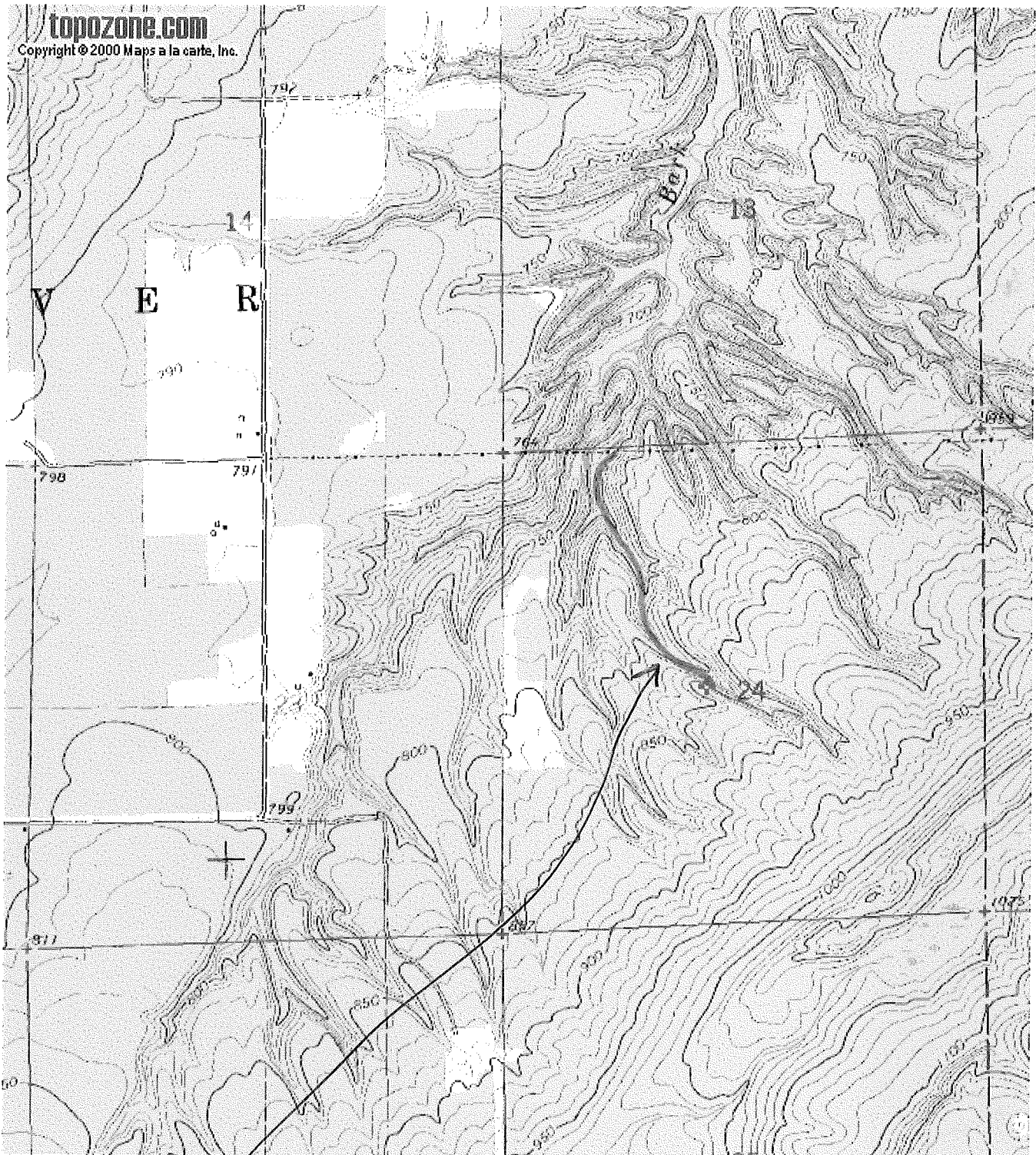
Waterbody: <u>POWERLINE TRIB (UNNAMED TO BAY)</u>	Gear: <input checked="" type="checkbox"/> Backpack <input type="checkbox"/> Stream-shocker(s)	Sample Date: <u>10-8-2013</u>
WBIC: <u>5000363 (WEST FORK)</u>	Current Type: [AC] <input checked="" type="checkbox"/> [DC] [PDC]	Start Time: <u>1245</u>
County: <u>BAYFIELD</u>	Volts: <u>300</u> Pulse Rate: <u>80</u>	End Time: <u>1325</u>
Station Name or Description: <u>800' U/S FROM POWERLINE TRIPS CONFLUENCE</u>	Amps: <u>0.60</u> Duty Cycle: <u>20</u>	Total Time: <u>40 min</u>
Start Lat/Long: <u>N 46° 48' 14.4" / W 091° 11' 28.8"</u>	No. of Dippers/Anodes <input checked="" type="checkbox"/> [1] [2] [3]	Distance Shocked: <u>320'</u>
End Lat/Long: <u>N 46° 48' 11.6" / W 91° 11' 28.8"</u>	Survey Type: <u>CPUE</u> Mesh Size: _____	Pass Type: <input checked="" type="checkbox"/> [Up] [Dn] [Up-Dn] [Other]
Collectors: <u>REYNOLDS SLAMINSKI</u>	Weather: <u>CLEAR - PT CLOUDY</u>	Water Level: [Hi] <input checked="" type="checkbox"/> [Norm] [Low]
	Adverse Cond: <u>NONE</u>	Clarity: <u>CLEAR</u>
	Target Fish: <input checked="" type="checkbox"/> [All species] <input type="checkbox"/> [Gamefish]	Water Temp: <u>50°F</u>

SPECIES		Comments:									
Brook	Brook	1/2 Brook	1/2 Brook	1/2 Brook	1/2 Brook	1/2 Brook	1/2 Brook	1/2 Brook	1/2 Brook	1/2 Brook	1/2 Brook
5.8	5.9	3.0	3.3	3.0	3.2	3.4	3.1	3.5	4.2		
4.0	8.5	3.3	2.7	3.5	2.7	3.8		3.8	3.4		
5.7		2.7		3.5	2.6			3.0	1.2		
				2.3	3.1			3.1	3.8		
				3.1	2.5			4.0	3.9		
				3.1	3.3			4.3	3.9		
				2.2	3.1			4.2	1.1		
				3.5	2.7			1.3	1.3		
				3.0	3.7			1.2	1.1		
				3.7	3.1						
				3.2	3.8						
				2.7							

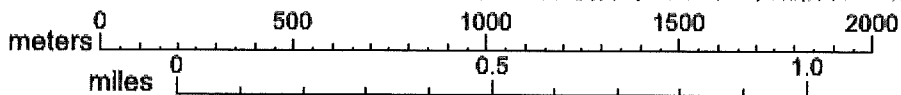
W. Powerline trib'

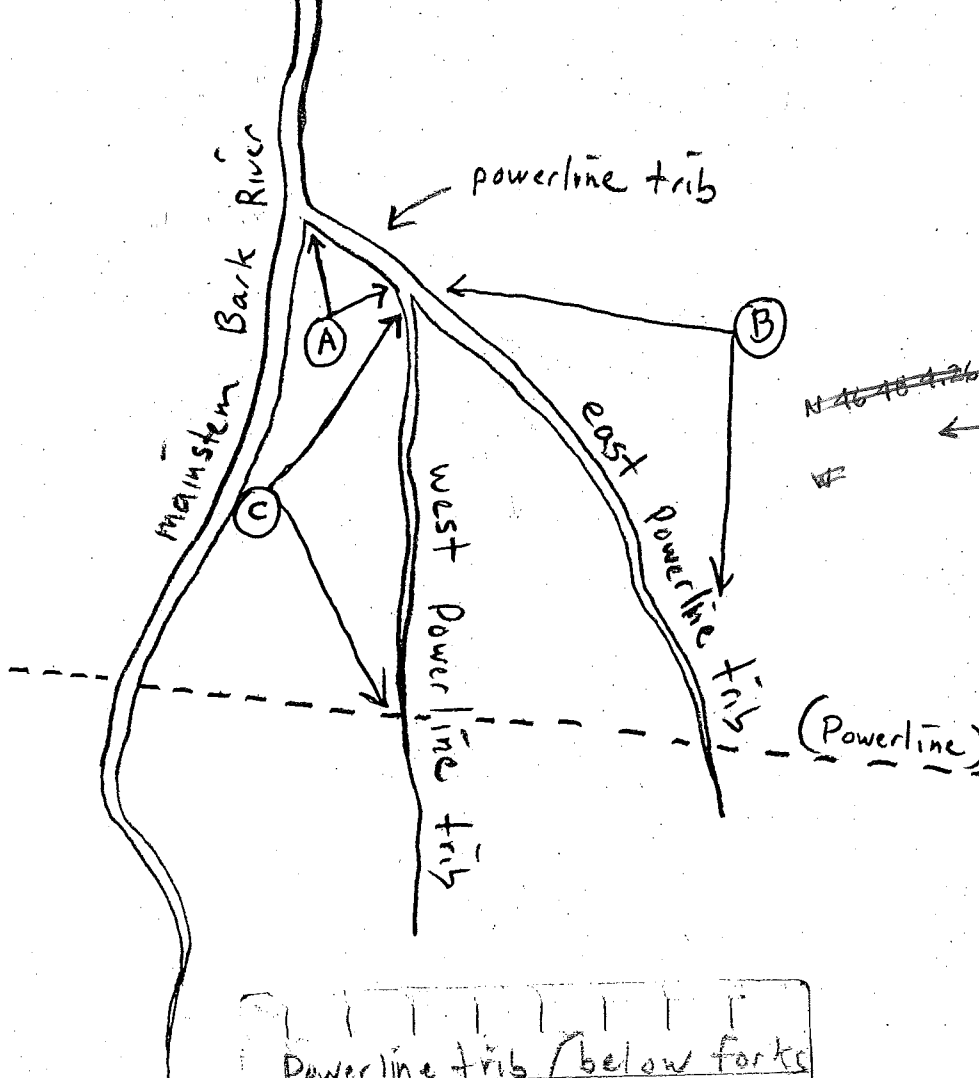


Target is 46° 47' 48"N, 91° 11' 14"W - BARK BAY quad [Quad Info]



WBIC 5000363





East fork of Powerline trib. 8/15/01 (B)

Brook	ended at GPS coordinates
6.7 6.4	
6.2 7.7	40° 48' 04"
4.8 5.8	N 46° 48.074'
5.3 4.2		W 91° 10.989'
5.1 3.7	91° 10' 59"
2.7 2.7	see attached map
2.9 6.7	Very Rocky High gradient stream
7.5 5.8	
6.2 5.3	in mid-lower end. numerous sliding sand/clay banks. also several logjams impassible for fish.
6.2 4.8	
4.8 4.8	
3.2	
(23)	

Powerline trib / below forks of E & W trib to mainstem 8/15/01 Hyd = of (13) (A)

Brook	✓	✓		
7.4	8.1	3.6	3.0	
6.5	8.2	3.1		
6.4	5.8	2.4		
6.9	5.7	6.7		
5.3	6.6 (clipped)			
5.8	4.8	8.4		
4.4	3.3	7.6		
2.9	3.2	7.0		
3.2	3.6	6.7		
2.8	2.8 5.8			
3.3	3.1 5.2			(4)
3.3	3.6 (clipped)			
2.5	2.6	5.3		
2.4	3.2	3.0		

West Powerline trib (From Fork to Powerline) 8/15/01 (C)

Brook	✓	✓	✓	
6.3	8.0	2.8	7.0	2.6
6.4	5.7	2.7	6.5	
6.6	7.0	2.8	6.5	
5.3	6.9 (clipped)			
5.5	5.6	6.7	6.0	
4.3	5.6	2.7	6.1	
5.7	5.7	7.3	5.6	
5.0	3.0	3.3	4.6	
3.0	3.3	7.1	4.9	
3.2	3.3	8.0	4.7	
3.1	3.1	5.7	2.7	(5)
3.3	3.5	5.3	3.1	
3.2	3.1	7.0	3.1	

STREAM SURVEY STATION REPORT

DEPARTMENT OF NATURAL RESOURCES

FORM 3600-39

N46 48.207
W091 11.522

NAME OF STREAM			Survey Station No. T3C		POINT OF EXAMINATION Powerline trib (West Fork) - Powerline to headwaters						
COUNTY			Township		Range		Section				
Distance Sampled (ft.) 3072			GEAR USED								
Avg. Width (ft.) 6.7		Avg. Depth (ft.) 3.6		Vol. of Flow (c.f.s.)		VELOCITY <input type="checkbox"/> Sluggish <input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Rapid		Max. Flood Crest (ft.) 2-3			
WATER <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Stained <input type="checkbox"/> Dirty			CONDUCTANCE Cf C77		TEMPERATURE.....Water .....Air .....Time			pH	M.P.A.		
WATER LEVEL CONDITIONS.....In. Below .....Normal .....In. Above			PRIOR WEATHER CONDITIONS								
POLLUTION											
STREAM BOTTOM TYPES (%)Bedrock .....Hardpan .....10.....Boulder .....20.....Rubble .....30.....Gravel.....40.....Sand .....Silt .....Marl .....Detritus							POOL GRADE				
							POOL-RIFLE RATIO 30/70				
AQUATIC VEGETATION (Species)			Abund.		AQUATIC VEGETATION (Species)			Abund.			
INSTREAM COVER		Scarce	Common	Abundant	Stable	Unstable	AQUATIC LIFE		Scarce	Common	Abundant
Undercut banks		<input checked="" type="checkbox"/>					Stonefly				
Rocks, boulders			<input checked="" type="checkbox"/>				Mayfly				
Logs, trees		<input checked="" type="checkbox"/>					Caddisfly				
Debris			<input checked="" type="checkbox"/>				Shrimp				
Aquatic Vegetation		<input checked="" type="checkbox"/>					Crayfish				
STREAM BANK VEGETATION											
.....% Cultivated		alder 60		.....% Upland Hardwood		.....% Swamp Conifer		.....% Firm Pasture		purple/birch 15	
.....% Meadow Pasture		Conifer 15		.....% Upland Conifer		.....% Shrub Marsh		.....% Meadow Pasture		Conifer 15	
.....% Meadow Pasture				.....% Swamp Hardwood		.....% Open Marsh		.....% Meadow Pasture			
STREAM COVER <input type="checkbox"/> Dense <input checked="" type="checkbox"/> Partly Open <input type="checkbox"/> Open						FISHABILITY <input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor					
BANK EROSION <input checked="" type="checkbox"/> Heavy <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Light <input type="checkbox"/> None						DAMS Man-made		Number		Height	
BANK HEIGHTS 1-4						Beaver (active)		no dam visible		Pool Area Above	
NEED FOR INSTREAM DEVICES <input type="checkbox"/> Heavy <input type="checkbox"/> Medium <input type="checkbox"/> Light <input type="checkbox"/> None						Beaver (inactive)					
REMARKS Springs start at 2300' and end at 3000'. Both sides soft and Grassy stopped shocking at large sliding hill on south side. Small trib. enters from south at 1500'. Lower gradient and better spawning substrate from East Fork to powerline. Bottom not trout habitat fish spawning - mostly (use back of sheet for additional remarks)											
DATE OF SURVEY						INVESTIGATOR					

REV. 5-74 brook trout, higher gradient and more boulders the rest of way until the last 400'. Then more sand and pea gravel. Some Brook trout spawning. 11/7/01 very few Brook trout still spawning. No large fish redds

West Fork Powerline
 trib. From mouth of
 East Fork to Headwater

~~###~~ ~~###~~ ~~###~~ ~~###~~ ~~###~~
 S. Trib W little water

~~###~~ ~~###~~ ~~###~~ +50
 spring end 4050 spring start

N4648.207 W9111.522

978' to start of Powerline
 Shading from E Fork mouth
 Just downstream of old logging

9'1"	3.7	7'4"	3.1
	4.2		5.6
	3.5		6.0
	3.2		4.2
	1.4	ave 3.7	3.0
			ave 4.4

STOPPED at Large Sliding
 hill on south side of stre

7'0"	2.8	5'1"	4.4	4'7"	2.0
	3.7		4.6		3.7
	4.0		5.2		6.1
	4.6		2.8		4.5
ave 3.4	1.8		1.5		0.5
			ave 3.6		ave 3.4

lower gradient and
 better spawning substrate
 from just above East Fork
 to Powerline - get higher
 gradient and more boulder
 rest of way until upper
 400 ft. - then more sand
 and pea gravel - few BRK
 spawning - most BRK
 spawning completed -
 NO LITTLE ROCK FISH NO
 larger Ruffe