

West Twin River Watershed - page 1/4
TK01 by Mary Gansberg + Steve Hogler

1. Black Creek - 88300

- use Warm IBI
- Lower section fully meeting attainable use. upper section below CTH BB partially meeting attainable use.
- upstream of CTH BB, USGS has a long-term monitoring station. We need to get their U data - like fish + bugs. Maybe other data out there too.
- Recommendation to continue to monitor both fish and bugs.

2. Devils River - 89900.

- use Warmwater IBI - Don't use intermittent IBI. could we eliminate IBI stuff that don't fit from the table?
- Need to change river miles from 0-4, 4-12 to 0-6, 6-12. Because data available shows 0-6 = WWSF and 6-12 = WWFF. Data from both Pleasant Rd + Kvitek Rd sites are in the 0-6 mile range (not any data for 6-12). but Fish Manager knows WWFF 6-12 miles.
- Recommendation to monitor fish + bugs in the upper (6-12 mile) section to assess + update

3. Francis Creek - 87600.

- use warmwater FBI (not cold)
- stream not intermittent, cls perennial
- recommendation is to monitor to get up-to-date information

4. King Creek - 89400

- creek dry ~~for~~ in 2002 - NO fish data cause stream is dry in summer. Stream flow is the limiting factor. So even though creek is not supporting its attainable use, can't be put on the 303d list.
- recommend to monitor

5. Kriwanek Creek 88000, 0-0.75

- use cold water FBI. cls there a way to take warm + intermittent data off data set + leave only cold?
- 2008 is the only data for this 0-0.75 mile section.

6. Kriwanek Creek 88000, 0.75-1.5

- use warmwater FBI.
- 2002 data from this section

7. Kriwanek Creek 88000 1.5-6

- 1979 Bug data from this section
- would use intermittent FBI. NO data above 1.5 miles.

8. Neshota River - 88200 0-3

- 2009 data not in database yet, but will be. No additional data needed at this time.

9. Neshota River 88200 3-17

- 2002 data from this location
- use warmwater FBI (not cold) (not intermittent) for 2002 data.
- Recommendation to monitor to see if this section should be on 303d list.

10. Twin Hill Creek 89600

- 2005 fish kill from manure spill found warmwater forage fish minnows.
- Recommendation to monitor for up-to-date data.
- 2002 data from baseline monitoring.

11. Unnamed - 3000159

- should say trib to Kriwanek creek - not to West Twin River.
- ~~Recommendation~~ Recommendation to monitor for fish + bugs.

12. Unnamed 90000.

- should say trib to Devils River.

13. West Twin River - 87000 0-5.9
- 1980 + 2002 fish data available, but not listed here.
14. West Twin 5.9-15.41
- includes CTH Q data, CTH Y data, Lake photo.
15. West Twin - 15.41-15.76
- 2002 + 2007 data at Melnik Rd.
16. West Twin. 15.76-17.12
- upstream of Kriwanek Creek. 200.
17. West Twin 17.13-18.44
- No data from this section. Need monitor this section.
18. West Twin - 18.44-19
- on table mileage overlaps. Should be changed
- Data collected in 2009 found, but data not in database yet, be soon.

TK01
Watershed: West Twin River Designated Use: Fish and Aquatic Life

	Stream Name	WB ID Code	Local Waterbody Name	Start Mile	End Mile	Impaired Water Priority	Impaired Water Category	Pollutants	Impaired Water ID	Impaired Water Status	Current Use	Attainable Use	Supporting Attainable Use	Designated Use	Supporting Designated Use	Impairments	Sources	Assessment	Data Level	DNR Category	Counties	Regions
1	Black Creek	88300	Black Cr (Buck Creek)	0	9.49	NA	NA	NA	NA	NA	WWFF	WWSF	Not Part Assessed	Default Warmwater	NR102 Classification	NA	NA	Not Eval Assessed	XX	Category 3	Kewaunee, Manitowoc	Northeast Region"
2	Devils River	89900	Devil'S River	0	16	NA	NA	NA	NA	NA	WWSF	WWSF	Supporting Fully	Default Warmwater	NR102 Classification	NA	NA	Evaluated	XX	Category 3	Manitowoc	Northeast Region"
	Devils River	89900	Devil'S River	16	12	NA	NA	NA	NA	NA	WWFF	WWFF	Not Support Fully	Default Warmwater	NR102 Classification	NA	NA	Evaluated	XX	Category 3	Brown, Manitowoc	Northeast Region"
3	Francis Creek	87600	Francis Creek	0	6.81	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Fully Assessed	Default	NR102 Classification	NA	NA	Not Eval Assessed	NA	Category 3	Manitowoc	Northeast Region"
	Hidden Lake	82800	Hidden Lake (Turtle)	0	23	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Supporting	NA	NA	NA	NA	Not Assessed	B2	Category 3	Manitowoc	Northeast Region"
4	King Creek	89400	King Creek	0	5.65	NA	NA	NA	NA	NA	WWSF LFF	WWSF WWFF	Not Not Assessed	Default	NR102 Classification	NA	NA	Not Eval Assessed	XX	Category 3	Brown, Kewaunee	Northeast Region"
5	Kriwanek Creek	88000	Kriwanek Creek	0	0.75	NA	NA	NA	NA	NA	Cold - Class II Trout	Cold - Class II Trout	Supporting Fully	Cold	1980 Trout Book Classification	NA	NA	Evaluated Monitored in 2008	B1, B2	Category 3	Manitowoc	Northeast Region"
6	Kriwanek Creek	88000	Kriwanek Creek	0.75	1.5	NA	NA	NA	NA	NA	WWFF	WWFF	Not Assessed Fully	WWFF	Classification Survey Pending	NA	NA	Not Assessed Eval	XX	Category 3	Manitowoc	Northeast Region"
7	Kriwanek Creek	88000	Kriwanek Creek	1.5	6	NA	NA	NA	NA	NA	LFF (TFAL)	LFF (TFAL)	Not Assessed Fully	LFF (TFAL)	Classification Survey Pending	NA	NA	Not Assessed	B2	Category 3	Manitowoc	Northeast Region"
	Lake Michigan	20	Memorial Drive Wayside Beach, Lake Michigan	0	3.24	Low	Other Factors	E. Coli	711	303d Listed	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	Recreational Restrictions - Pathogens	NA	Monitored	B1	Category 5A	Manitowoc	Northeast Region"
	Lilly Lake	82900	Lilly Lake	0	40	NA	NA	NA	NA	NA	NA	Unknown Community	Fully Supporting	NA	NA	NA	NA	Not Assessed	B2	Category 3	Brown	Northeast Region"
	Middle Lake	83000	Middle Lake	0	7	NA	NA	NA	NA	NA	NA	Unknown Community	Fully Supporting	NA	NA	NA	NA	Not Assessed	B2	Category 3	Brown	Northeast Region"
8	Neshota River	88200	Neshota River	0	3	NA	NA	NA	NA	NA	WWSF	WWSF	Supporting Fully	Default Warmwater	NR102 Classification	NA	NA	Evaluated Monitored	NA	Category 3	Brown, Kewaunee, Manitowoc	Northeast Region"
9	Neshota River	88200	Neshota River	3	17.22	NA	NA	NA	NA	NA	WWFF	WWFF WWSF	Not Support Fully	Default Warmwater	NR102 Classification	NA	NA	Evaluated	XX	Category 3	Brown, Kewaunee	Northeast Region"
	Shoto Lake	87300	Shoto Lake (Impoundment)	0	55	NA	NA	NA	NA	NA	NA	Unknown Community	Fully Supporting	NA	NA	NA	NA	Not Assessed	B2	Category 3	Manitowoc	Northeast Region"
	Third Lake	89800	Third Lake	0	5	NA	NA	NA	NA	NA	NA	Unknown Community	Fully Supporting	NA	NA	NA	NA	Not Assessed	B2	Category 3	Brown	Northeast Region"
	Tuma Lake	87900	Tuma Lake (Ordling)	0	14	NA	NA	NA	NA	NA	NA	Unknown Community	Fully Supporting	NA	NA	NA	NA	Not Assessed	B2	Category 3	Manitowoc	Northeast Region"
10	Twin Hill Creek	89600	Twin Hill Creek	0.01	5.95	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Supporting Fully	Default	NR102 Classification	NA	NA	Evaluated	NA	Category 3	Brown	Northeast Region"
	Two Rivers Harbor	47	Two Rivers Harbor	0	11.35	Low	Other Factors	Unknown Pollutant	497	303d Listed	Unknown Community	Unknown Community	Not Supporting	Default	NR102 Classification	Chronic Aquatic Toxicity	Source Unknown	Evaluated	B1	Category 5A	Manitowoc	Northeast Region"
	Unnamed	87700	Unnamed Trib T20n, R23e, S11swne	0	4.74	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"
	Unnamed	87800	Unnamed Trib. T 21n, R23e, S29 Nenw	0	1.22	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"
	Unnamed	83600	Un Lake	0	2.46	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"
	Unnamed	83500	Un Lake	0	0.92	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"
	Unnamed	83400	Un Lake	0	1.08	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"
	Unnamed	83300	Un Lake	0	1.33	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"

Unnamed	87500	Unnamed Trib. T20n, R24e, S30 Sene	0	6.52	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"
Unnamed	917001228	Unnamed	0	7.79	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"
Unnamed	83200	Un Lake	0	1.11	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"
Unnamed	88900	Unnamed Trib T22n, R22e, S25 Nsw	0	3.71	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default Warmwater	NR102 Classification	NA	NA	Evaluated	NA	Category 3	Brown	Northeast Region"
Unnamed	89000	Un Lake	0	1.13	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"
Unnamed	89100	T22n, R22e, S23 Sesw (Denmark Creek)	0	4.65	NA	NA	NA	NA	NA	LFF (TFAL)	LFF (TFAL)	Fully Supporting	Default Warmwater	NR102 Classification	NA	NA	Evaluated	B1	Category 3	Brown	Northeast Region"
Unnamed	89200	Unnamed Trib T22n, R22e, S15 Swme (Langes Corners Creek)	0	3.42	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"
Unnamed	917001215	Unnamed	0	2.09	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"
Unnamed	917001208	Unnamed	0	2.49	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"
Unnamed	89500	Unnamed Trib T22n, R22e, S03 Sesw	0	9	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"
Unnamed	917001206	Unnamed	0	3.99	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"
Unnamed	89700	Unnamed Trib T22n, R22e, S05 Sene	0	1.27	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"
Unnamed	917001184	Unnamed	0	2.03	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"
Unnamed	917001176	Unnamed	0	6	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"
Unnamed	917001166	Unnamed	0	3.97	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"
12	90000	Unnamed Trib T21n, R22e, S09 Nwnw Devils River	0	2.94	NA	NA	NA	NA	NA	WWWF WWFF	WWWF WWFF	Not Fully Assessed Supported	Default	NR102 Classification	NA	NA	Not Assessed Evaluated in 2008	XX	Category 3	Manitowoc	Northeast Region"
11	3000159	Tributary to the Twin River Kriwanek Creek	0	0.88	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default Warmwater	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"
Unnamed	917001145	Unnamed	0	2.11	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"
Unnamed	917000624	Unnamed	0	6.55	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"
Unnamed	917000626	Unnamed	0	3.53	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"
Unnamed	917000634	Unnamed	0	2.76	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"
Unnamed	917000644	Unnamed	0	3.92	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"
Unnamed	917000650	Unnamed	0	3.67	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"
Unnamed	917000666	Unnamed	0	2.58	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"
Unnamed	917000668	Unnamed	0	2.46	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"
Unnamed	917000669	Unnamed	0	10.19	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"
Unnamed	917000675	Unnamed	0	5.77	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"
Unnamed	917000676	Unnamed	0	3.43	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"
Unnamed	917000683	Unnamed	0	4.46	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not	Default	NR102	NA	NA	Not	NA	Category	Brown	Northeast

										Community	Community	Assessed		Classification			Assessed		3		Region"	
Unnamed	91700775	Unnamed	0	2.12	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Kewaunee	Northeast Region"	
Unnamed	91700787	Unnamed	0	2.94	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"	
Unnamed	91700818	Unnamed	0	3.98	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"	
Unnamed	91700842	Unnamed	0	3.72	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"	
Unnamed	91700874	Unnamed	0	3.35	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"	
Unnamed	91700897	Unnamed	0	2.58	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"	
Unnamed	91700991	Unnamed	0	2.67	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Brown	Northeast Region"	
Unnamed	917001052	Unnamed	0	3.24	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"	
Unnamed	917001056	Unnamed	0	2.34	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"	
Unnamed	917001124	Unnamed	0	4.32	NA	NA	NA	NA	NA	Unknown Community	Unknown Community	Not Assessed	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"	
Unnamed	89300	T22n, R22e, S15 Nwne (Langes Corner)	0.01	4.28	NA	NA	NA	NA	NA	NA	LFF (TFAL)	Not Assessed	NA	NA	NA	NA	Not Assessed	XX	Category 3	Brown	Northeast Region"	
Unnamed	3000159	Tributary to the Twin River	0.88	2.07	NA	NA	NA	NA	NA	LAL (VTAL)	LAL (VTAL)	Supporting	LAL (VTAL)	NR104 Classification Survey	NA	NA	Evaluated	NA	Category 3	Manitowoc	Northeast Region"	
13	West Twin River	87000	West Twin River	0	5.9	Medium	NPS	Total Phosphorus	513	303d Listed	WWSF	Cold Class II Trout WWSF	Not Fully Supporting	Default Coldwater	NR102 Classification	Low DO	Non-Point Source	Evaluated	B1	Category 5A	Manitowoc	Northeast Region"
14	West Twin River	87000	West Twin River	5.9	15.41	Medium	NPS	Total Phosphorus	513	303d Listed	WWSF	Cold Class II Trout WWSF	Not Supporting Fully	Default	NR102 Classification	Low DO	Non-Point Source, Landfills	Evaluated	B1	Category 5A	Manitowoc	Northeast Region"
15	West Twin River	87000	West Twin River	15.41	15.76	Medium	NPS	Total Phosphorus	513	303d Listed	Cold - Class II Trout	Cold - Class II Trout WWSF	Not Supporting Fully	Default Coldwater	NR102 Classification	Low DO	Non-Point Source	Evaluated Monitored	B1	Category 5A	Manitowoc	Northeast Region"
16	West Twin River	87000	West Twin River	15.77	17.12	Medium	NPS	Total Phosphorus	513	303d Listed	WWSF	Cold Class II Trout WWSF	Not Supporting Fully	Default	NR102 Classification	Low DO	Non-Point Source	Evaluated Monitored	B1	Category 5A	Manitowoc	Northeast Region"
17	West Twin River	87000	West Twin River	17.13	18.44	Medium	NPS	Total Phosphorus	513	303d Listed	Cold Class II Trout WWSF	Cold - Class II Trout WWSF	Not Supporting	Cold	1980 Trout Book Classification	Low DO	Non-Point Source	Evaluated Not Assessed	B1	Category 5A	Manitowoc	Northeast Region"
18	West Twin River	87000	West Twin River	18	19	NA	NA	NA	NA	NA	WWSF	WWSF	Not Assessed Fully	Default	NR102 Classification	NA	NA	Not Assessed	NA	Category 3	Manitowoc	Northeast Region"

Overlaps

Supporting