

Waterbody Impacts - Locations with fish timing restriction dates of March 1-June 15

FeatureIDa	USGS Name	Milepost	Latitude	Longitude	Project Component Name/Location	Proposed Pipeline Crossing Method ^c	Anticipated Blasting Areas ^b	WDNR Watershed	Flow Regime	Dredging
sasa1008e	UNT of Bay City Creek	0.59	46.551243	-90.896221	Mainline ROW	N/A	No	Fish Creek	Ephemeral	No
sase006p	Bay City Creek	0.63	46.550733	-90.895891	Mainline ROW	DC	No	Fish Creek	Perennial	Yes
WDH-02	UNT of Little Beartrap Creek	1.51	46.538086	-90.895314	Mainline ROW	OC/DC	No	Lower Bad River	Intermittent	Yes
WDH-03	UNT of Little Beartrap Creek	1.55	46.537503	-90.895343	Mainline ROW	OC/DC	No	Lower Bad River	Intermittent	Yes
WDH-04	UNT of Little Beartrap Creek	1.88	46.532822	-90.895742	Mainline ROW	OC/DC	No	Lower Bad River	Intermittent	Yes
sasa1021e	UNT of Little Beartrap Creek	2.04	46.530556	-90.896223	Mainline ROW	N/A	No	Lower Bad River	Ephemeral	No
sasa047i	Little Beartrap Creek	2.24	46.528013	-90.895153	Mainline ROW	OC/DC	No	Lower Bad River	Intermittent	Yes
sasa046e	UNT of Little Beartrap Creek	2.28	46.527472	-90.895105	Mainline ROW	OC/DC	No	Lower Bad River	Ephemeral	Yes
WDH-100	UNT of Little Beartrap Creek	2.68	46.521672	-90.895126	Mainline ROW	OC/DC	No	Lower Bad River	Intermittent	Yes
sasb007i	Beartrap Creek	2.91	46.518197	-90.895055	Mainline ROW	OC/DC	No	Lower Bad River	Intermittent	Yes
sasm001e_x1	UNT of White River	3.78	46.505644	-90.894615	Mainline ROW	HDD	No	White River	Intermittent	No
sasm001e_x2	UNT of White River	3.79	46.505483	-90.894681	Mainline ROW	HDD	No	White River	Intermittent	No
sasw022	UNT of White River	3.82	46.505043	-90.894643	Mainline ROW	HDD	No	White River	Intermittent	No
sasw024	UNT of White River	4.02	46.502285	-90.894586	Mainline ROW	HDD	No	White River	Ephemeral	No
sasa1023i_x1	UNT of White River	4.16	46.500242	-90.894514	Mainline ROW	HDD	No	White River	Intermittent	No
sasa1023i_x2	UNT of White River	4.26	46.498744	-90.894471	Mainline ROW	HDD	No	White River	Intermittent	No
sasd013i	UNT of White River	4.69	46.494002	-90.897180	Mainline ROW	OC/DC	No	White River	Intermittent	Yes
sasd014e	UNT of White River	4.72	46.493862	-90.897742	Mainline ROW	N/A	No	White River	Ephemeral	No
sasd013i_x	UNT of White River	4.86	46.493424	-90.900431	Mainline ROW	OC/DC	No	White River	Intermittent	Yes
sasa1020e	UNT of White River	4.93	46.492317	-90.900730	Mainline ROW	OC/DC	No	White River	Ephemeral	Yes
sasc041p	Rock Creek	5.05	46.490678	-90.900760	Mainline ROW	DC	No	White River	Perennial	Yes
sasa016e	UNT of Rock Creek	5.50	46.486412	-90.906078	Mainline ROW	OC/DC	No	White River	Ephemeral	Yes
sasc036e	UNT of Rock Creek	5.54	46.485865	-90.905741	Mainline ROW	OC/DC	No	White River	Ephemeral	Yes
sasc037e	UNT of Deer Creek	5.79	46.482540	-90.903712	Mainline ROW	OC/DC	No	White River	Ephemeral	Yes
sasc038e	UNT of Deer Creek	5.82	46.482140	-90.903461	Mainline ROW	OC/DC	No	White River	Ephemeral	Yes
sasc039i	UNT of Deer Creek	5.93	46.480688	-90.902606	Mainline ROW	OC/DC	No	White River	Intermittent	Yes
sasc040e	UNT of Deer Creek	5.94	46.480477	-90.902540	Mainline ROW	OC/DC	No	White River	Ephemeral	Yes
sase022p	Deer Creek	6.35	46.474853	-90.899749	Mainline ROW	HDD	No	White River	Perennial	No
sase021e	UNT of Deer Creek	6.39	46.474370	-90.899535	Mainline ROW	HDD	No	White River	Ephemeral	No
sasa067e	UNT of Deer Creek	6.64	46.470751	-90.898793	Mainline ROW	OC/DC	No	White River	Ephemeral	Yes

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WDH-101	UNT of Deer Creek	6.94	46.466476	-90.903205	Access Road	N/A	No	White River	Intermittent	No
sasa066i	UNT of Deer Creek	7.07	46.464737	-90.898793	Mainline ROW	OC/DC	No	White River	Intermittent	Yes
sasa068e	UNT of Deer Creek	7.16	46.463335	-90.898786	Mainline ROW	OC/DC	No	White River	Ephemeral	Yes
sasd015i	UNT of Marengo River	7.59	46.457081	-90.898792	Mainline ROW	OC/DC	No	Marengo River	Intermittent	Yes
sasd011p	UNT of Marengo River	7.99	46.451173	-90.898612	Mainline ROW	DC	No	Marengo River	Perennial	Yes
sasc012e_x	UNT of Marengo River	8.07	46.450131	-90.900629	Access Road	N/A	No	Marengo River	Ephemeral	No
sasc012e_x1	Ditch	8.07	46.450109	-90.898658	Mainline ROW	OC/DC	No	Marengo River	Ephemeral	Yes
sasc012e_x2	Ditch	8.07	46.450103	-90.898863	Access Road	N/A	No	Marengo River	Ephemeral	No
sasc013e	Ditch	8.64	46.443022	-90.894316	Mainline ROW	OC/DC	No	Marengo River	Ephemeral	Yes
sasa021e	Ditch	8.65	46.442837	-90.894311	Mainline ROW	OC/DC	No	Marengo River	Ephemeral	Yes
WDH-102_x1 k	UNT of Marengo River	8.81	46.441579	-90.891742	Mainline ROW	OC/DC	No	Marengo River	Intermittent	No
sasa020i	UNT of Marengo River	8.84	46.442773	-90.890035	Access Road	N/A	No	Marengo River	Intermittent	No
WDH-102_x2 k	UNT of Marengo River	9.03	46.439762	-90.888009	Mainline ROW	OC/DC	No	Marengo River	Intermittent	No
WDH-102_x3	UNT of Marengo River	9.16	46.438621	-90.885945	Mainline ROW	N/A	No	Marengo River	Intermittent	No
sase1001e	UNT of Marengo River	9.27	46.437378	-90.884302	Mainline ROW	OC/DC	No	Marengo River	Ephemeral	Yes
sase1003e	Ditch	10.54	46.430698	-90.861400	Mainline ROW	OC/DC	No	Marengo River	Ephemeral	Yes
sase1018i	UNT of Marengo River	11.09	46.431553	-90.848665	Access Road	N/A	No	Marengo River	Intermittent	No
WDH-10	UNT of Marengo River	11.09	46.431768	-90.848357	Access Road	N/A	No	Marengo River	Intermittent	No
sase1004e	UNT of Marengo River	11.13	46.432584	-90.842136	Access Road	N/A	No	Marengo River	Ephemeral	No
sase1019i	UNT of Marengo River	11.18	46.429297	-90.849048	Mainline ROW	Direct Bore	No	Marengo River	Intermittent	No
sase1008e	Ditch	11.95	46.421342	-90.840518	Mainline ROW	OC/DC	No	Marengo River	Ephemeral	Yes
sase1011i	UNT of Marengo River	12.43	46.421313	-90.830559	Mainline ROW	OC/DC	No	Marengo River	Intermittent	Yes
sase1015i	UNT of Marengo River	12.75	46.419458	-90.824654	Mainline ROW	OC/DC	No	Marengo River	Intermittent	Yes
WDH-15	UNT of Marengo River	13.26	46.412517	-90.822521	Mainline ROW	OC/DC	No	Marengo River	Intermittent	Yes
sasd1020e	UNT of Marengo River	13.61	46.406745	-90.826549	Mainline ROW	N/A	No	Marengo River	Ephemeral	No
sasd1022p	UNT of Marengo River	13.61	46.406521	-90.826439	Mainline ROW	N/A	No	Marengo River	Perennial	No
sase1023e	UNT of Marengo River	13.64	46.406470	-90.824970	Mainline ROW	N/A	No	Marengo River	Ephemeral	No

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sasc1004e_x1	UNT of Brunswweiler River	14.45	46.404291	-90.804765	Mainline ROW	N/A	No	Marengo River	Ephemeral	No
sasc1005e	UNT of Brunswweiler River	14.47	46.404137	-90.804708	Mainline ROW	OC/DC	No	Marengo River	Ephemeral	Yes
sasc1004e_x2	UNT of Brunswweiler River	14.49	46.404256	-90.803972	Access Road	N/A	No	Marengo River	Ephemeral	No
sasc1004e_x3	UNT of Brunswweiler River	14.50	46.404264	-90.803628	Access Road	N/A	No	Marengo River	Ephemeral	No
sasc1006p	UNT of Brunswweiler River	14.73	46.401492	-90.801603	Mainline ROW	DC	No	Marengo River	Perennial	Yes
sasc1007e	UNT of Brunswweiler River	14.82	46.400637	-90.800238	Mainline ROW	N/A	No	Marengo River	Ephemeral	No
sasc1009e_x1	UNT of Brunswweiler River	14.91	46.399915	-90.798775	Mainline ROW	N/A	No	Marengo River	Ephemeral	No
sasc1009e_x2	UNT of Brunswweiler River	14.92	46.400047	-90.798557	Mainline ROW	OC/DC	No	Marengo River	Ephemeral	Yes
sasa1028i	UNT of Brunswweiler River	14.96	46.400091	-90.797642	Mainline ROW	OC/DC	No	Marengo River	Intermittent	Yes
sasa1027e	UNT of Brunswweiler River	15.03	46.400734	-90.796298	Access Road	N/A	No	Marengo River	Ephemeral	No
sasa1026e	UNT of Brunswweiler River	15.08	46.401767	-90.795138	Access Road	N/A	No	Marengo River	Ephemeral	No
WDH-18	UNT of Brunswweiler River	15.18	46.400304	-90.792814	Mainline ROW	HDD	No	Marengo River	Intermittent	No
sasc1010i	UNT of Brunswweiler River	15.28	46.400315	-90.790914	Mainline ROW	HDD	No	Marengo River	Intermittent	No
sasc1001i	UNT of Trout Brook	15.98	46.396264	-90.779806	Access Road	N/A	No	Marengo River	Intermittent	No
sasc028e	UNT of Billy Creek	16.91	46.389075	-90.767586	Mainline ROW	N/A	No	Marengo River	Ephemeral	No
sasv002e	UNT of Silver Creek	20.96	46.363137	-90.700494	Mainline ROW	OC/DC	Yes	Marengo River	Ephemeral	Yes
sasv004p	UNT of Silver Creek	21.28	46.360179	-90.695723	Mainline ROW	DC	Likely	Marengo River	Perennial	Yes
sasv006i	UNT of Silver Creek	21.29	46.360244	-90.695468	Mainline ROW	N/A	No	Marengo River	Intermittent	No
sasv006i	UNT of Silver Creek	21.30	46.360166	-90.695453	Mainline ROW	OC/DC	Likely	Marengo River	Intermittent	Yes
sasv007i	UNT of Krause Creek	21.70	46.358567	-90.687403	Mainline ROW	OC/DC	Likely	Marengo River	Intermittent	Yes
sirb010p	UNT of Feldcher Creek	30.67	46.382246	-90.548053	Mainline ROW	DC	Likely	Tyler Forks	Perennial	Yes
sirb1001e	UNT of Feldcher Creek	30.75	46.383087	-90.546719	Mainline ROW	N/A	No	Tyler Forks	Ephemeral	No
sirb009p	UNT of Feldcher Creek	30.82	46.384466	-90.548726	Access Road	N/A	No	Tyler Forks	Perennial	No
sirb1002e	UNT of Feldcher Creek	30.87	46.384794	-90.546225	Mainline ROW	N/A	No	Tyler Forks	Ephemeral	No
sirb006e	UNT of Feldcher Creek	30.98	46.386024	-90.543417	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sird1006e	UNT of Feldcher Creek	31.07	46.387652	-90.545245	Mainline ROW	N/A	No	Tyler Forks	Ephemeral	No

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sirb007e	UNT of Feldcher Creek	31.10	46.387414	-90.540248	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sird1005i	UNT of Feldcher Creek	31.11	46.388253	-90.545333	Mainline ROW	OC/DC	Yes	Tyler Forks	Intermittent	Yes
sird1004i	UNT of Feldcher Creek	31.25	46.390240	-90.545465	Mainline ROW	N/A	No	Tyler Forks	Intermittent	No
sird1002e	UNT of Feldcher Creek	31.32	46.391235	-90.545555	Mainline ROW	N/A	No	Tyler Forks	Ephemeral	No
sird011i	UNT of Vaughn Creek	39.35	46.489276	-90.486802	Mainline ROW	N/A	No	Potato River	Intermittent	No
WDH-107_x2 k	UNT of Vaughn Creek	39.79	46.495500	-90.488084	Access Road	N/A	No	Potato River	Intermittent	No
WDH-107_x1 k	UNT of Vaughn Creek	39.82	46.495969	-90.486862	Mainline ROW	Trench	No	Potato River	Intermittent	Yes
sirc1001e	UNT of Vaughn Creek	40.27	46.502430	-90.486095	Mainline ROW	OC/DC	No	Potato River	Ephemeral	Yes
sbad1005e	UNT of North Fish Creek	N/A	46.570893	-91.018999	Valve	N/A	No	Fish Creek	Ephemeral	No

a Wetland/waterbody unique identification is based on 2019/2020 field survey data and Wisconsin Wetland Inventory Desktop Mapping (WDNR, 1992).

b Anticipated blasting areas were determined based on a multi-phase study including (1) desktop analysis of publicly available soils information including Natural Resources Conservation Service soils data, United States Geological Survey bedrock outcrop data, historical well data, and geotechnical soil bore data; and (2) field investigations including additional geotechnical borings, electrical resistivity imaging, and hammer probing to a depth of 12 feet or multiple probe refusal; and (3) data analysis. Areas identified as "Likely" may encounter bedrock at a depth above the planned pipeline installation depth.

c OC: Open trench method used in conditions of no water present at the crossing location, sometimes referred to as the "Wet Trench" method.

DC: Open trench method used in conditions where water is present in the waterbody; referred to as the "Dry Crossing" method, where the construction zone is isolated and either a dam and pump or a flume pipe are used to route water around the isolated work area.

HDD: Horizontal Directional Drill method used to install the pipeline using a trenchless technique. Crossings proposed as HDD will require temporary installation of tracking cables across waterbodies. Direct Bore: Direct Pipe installation method used to install the pipeline using a trenchless technique.