

Waterbody Impacts- Locations with fish timing restriction dates of September 15- May 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
sasw023p	White River	4.04	46.501915	-90.894564	Mainline ROW	HDD	No	White River	Perennial	No
sase1020p	Marengo River	11.40	46.426360	-90.847420	Mainline ROW	Direct Bore	No	Marengo River	Perennial	No
sase1021e	UNT of Marengo River	11.41	46.426176	-90.847383	Mainline ROW	Direct Bore	No	Marengo River	Ephemeral	No
sasa1005p	Brunswweiler River	14.10	46.405061	-90.812362	Mainline ROW	HDD	No	Marengo River	Perennial	No
sasa1006i	UNT of Brunswweiler River	14.17	46.404899	-90.810967	Mainline ROW	HDD	No	Marengo River	Intermittent	No
WDH-20	UNT of Trout Brook	15.58	46.400318	-90.784596	Mainline ROW	OC/DC	No	Marengo River	Intermittent	Yes
sasc1003p_x1	UNT of Trout Brook	15.86	46.397620	-90.781587	Mainline ROW	DC	No	Marengo River	Perennial	Yes
sasc1003p_x2	UNT of Trout Brook	15.87	46.397403	-90.781355	Mainline ROW	N/A	No	Marengo River	Perennial	No
sasc1012p	Trout Brook	16.58	46.390449	-90.774182	Mainline ROW	HDD	No	Marengo River	Perennial	No
sasc1014p_x1	UNT of Billy Creek	16.77	46.389808	-90.770417	Mainline ROW	HDD	No	Marengo River	Perennial	No
sasc1014p_x2	UNT of Billy Creek	16.77	46.389179	-90.770495	Mainline ROW	N/A	No	Marengo River	Perennial	No
sasc026e	UNT of Billy Creek	16.94	46.389091	-90.766824	Mainline ROW	OC/DC	No	Marengo River	Ephemeral	Yes
sasc025i	UNT of Billy Creek	17.09	46.389106	-90.763784	Mainline ROW	OC/DC	No	Marengo River	Intermittent	Yes
sasb1001e	UNT of Billy Creek	17.10	46.388404	-90.763658	Mainline ROW	N/A	No	Marengo River	Ephemeral	No
sasb1002i	UNT of Billy Creek	17.12	46.387852	-90.762994	Mainline ROW	N/A	No	Marengo River	Intermittent	No
sasc025i_x	UNT of Billy Creek	17.15	46.387719	-90.762501	Mainline ROW	N/A	No	Marengo River	Intermittent	No
sasb1004e	UNT of Billy Creek	17.16	46.387474	-90.762021	Mainline ROW	N/A	No	Marengo River	Ephemeral	No
sasb1007e	UNT of Billy Creek	17.24	46.389088	-90.760600	Mainline ROW	HDD	No	Marengo River	Ephemeral	No
sasc022p	Billy Creek	17.25	46.389082	-90.760429	Mainline ROW	HDD	No	Marengo River	Perennial	No
sasb1005i	UNT of Billy Creek	17.28	46.386795	-90.759922	Mainline ROW	N/A	No	Marengo River	Intermittent	No
sasd1012i	UNT of Silver Creek	19.08	46.376722	-90.731227	Mainline ROW	N/A	No	Marengo River	Intermittent	No
sasd1013p	UNT of Silver Creek	19.09	46.376751	-90.731279	Mainline ROW	HDD	No	Marengo River	Perennial	No
sasd1011p_x1	Silver Creek	19.09	46.376721	-90.731036	Mainline ROW	HDD	No	Marengo River	Perennial	No
sasd1011p_x2	Silver Creek	19.14	46.376560	-90.730172	Mainline ROW	HDD	No	Marengo River	Perennial	No
sasd1011p_x3	Silver Creek	19.20	46.376299	-90.728803	Mainline ROW	HDD	No	Marengo River	Perennial	No
sasa070e	UNT of Silver Creek	19.78	46.375309	-90.709428	Access Road	N/A	No	Marengo River	Ephemeral	No
sasa071p	UNT of Silver Creek	19.78	46.373908	-90.712987	Access Road	N/A	No	Marengo River	Perennial	No

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sasd1017p	UNT of Silver Creek	19.78	46.373581	-90.714985	Mainline ROW	N/A	No	Marengo River	Perennial	No
sasa071p_x1	UNT of Silver Creek	19.79	46.373043	-90.712240	Mainline ROW	N/A	No	Marengo River	Perennial	No
sasa071p_x2	UNT of Silver Creek	19.79	46.373043	-90.712240	Mainline ROW	N/A	No	Marengo River	Perennial	No
sasd1015p	UNT of Silver Creek	19.83	46.372182	-90.718205	Mainline ROW	DC	Yes	Marengo River	Perennial	Yes
sase1007p	Silver Creek	20.21	46.367422	-90.715413	Access Road	N/A	No	Marengo River	Perennial	No
sase005p_x1	UNT of Silver Creek	20.61	46.364963	-90.707247	Access Road	N/A	No	Marengo River	Perennial	No
sase005p_x2	UNT of Silver Creek	20.61	46.365449	-90.706777	Mainline ROW	DC	Yes	Marengo River	Perennial	Yes
sasv001p	UNT of Silver Creek	20.85	46.360400	-90.705066	Access Road	N/A	No	Marengo River	Perennial	No
sasv020p	UNT of Krause Creek	22.01	46.355133	-90.683786	Mainline ROW	DC	Yes	Upper Bad River	Perennial	Yes
sasv019p	Krause Creek	22.28	46.351862	-90.680991	Mainline ROW	HDD	No	Upper Bad River	Perennial	No
sasd1003e	UNT of Bad River	22.58	46.351903	-90.666572	Pipeyard	N/A	No	Upper Bad River	Ephemeral	No
sasd1001e	UNT of Bad River	22.61	46.351995	-90.664816	Pipeyard	N/A	No	Upper Bad River	Ephemeral	No
sasd1002e	UNT of Bad River	22.62	46.351588	-90.665681	Pipeyard	N/A	No	Upper Bad River	Ephemeral	No
sasc043i_x1	UNT of Krause Creek	22.90	46.343512	-90.675655	Access Road	N/A	No	Upper Bad River	Intermittent	No
sasc043i_x2	UNT of Krause Creek	22.91	46.343369	-90.675655	Access Road	N/A	No	Upper Bad River	Intermittent	No
sasb005e	UNT of Bad River	23.10	46.341465	-90.673929	Access Road	N/A	No	Upper Bad River	Ephemeral	No
sasb003e	Ditch	23.18	46.340882	-90.672235	Access Road	N/A	No	Upper Bad River	Ephemeral	No
sasa008p	UNT of Bad River	23.72	46.336882	-90.662766	Mainline ROW	DC	Yes	Upper Bad River	Perennial	Yes
sasb006p	Bad River	24.18	46.335798	-90.653793	Mainline ROW	HDD	No	Upper Bad River	Perennial	No
sasd1006e	UNT of Bad River	24.72	46.336890	-90.642978	Mainline ROW	OC/DC	Yes	Upper Bad River	Ephemeral	Yes
sasd1005e	UNT of Montreal Creek	25.41	46.338230	-90.629550	Mainline ROW	OC/DC	Yes	Upper Bad River	Ephemeral	Yes
sasv010i	UNT of Scott Taylor Creek	26.69	46.349173	-90.610937	Mainline ROW	OC/DC	Yes	Tyler Forks	Intermittent	Yes
sasv008i	UNT of Scott Taylor Creek	27.10	46.352130	-90.603642	Mainline ROW	OC/DC	Yes	Tyler Forks	Intermittent	Yes
sasv012e	UNT of Scott Taylor Creek	27.20	46.352992	-90.601853	Mainline ROW	OC/DC	Yes	Tyler Forks	Ephemeral	Yes
sasv016i	UNT of Scott Taylor Creek	27.51	46.357054	-90.600105	Mainline ROW	OC/DC	Yes	Tyler Forks	Intermittent	Yes
sasv013i	UNT of Scott Taylor Creek	27.56	46.357485	-90.599522	Mainline ROW	OC/DC	Yes	Tyler Forks	Intermittent	Yes

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sasv017e	UNT of Scott Taylor Creek	27.79	46.360533	-90.597148	Mainline ROW	N/A	No	Tyler Forks	Ephemeral	No
sasv018i	UNT of Scott Taylor Creek	27.94	46.362406	-90.595945	Mainline ROW	OC/DC	Yes	Tyler Forks	Intermittent	Yes
sasa007e_x1	UNT of Gehrman Creek	28.06	46.363765	-90.594408	Mainline ROW	OC/DC	Likely	Tyler Forks	Ephemeral	Yes
sasa007e_x2	UNT of Gehrman Creek	28.09	46.363800	-90.593477	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sasa006e	UNT of Gehrman Creek	28.24	46.365155	-90.591336	Mainline ROW	OC/DC	Likely	Tyler Forks	Ephemeral	Yes
sasa005e	UNT of Gehrman Creek	28.25	46.365156	-90.591152	Mainline ROW	OC/DC	Likely	Tyler Forks	Ephemeral	Yes
sasa004p	UNT of Gehrman Creek	28.39	46.365594	-90.588167	Mainline ROW	DC	Likely	Tyler Forks	Perennial	Yes
sasd017e	UNT of Gehrman Creek	28.45	46.363662	-90.586195	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sasd018e	UNT of Gehrman Creek	28.54	46.364048	-90.584337	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sasw011_x2	UNT of Gehrman Creek	28.62	46.366924	-90.583723	Access Road	N/A	No	Tyler Forks	Intermittent	No
sasw011_x3	UNT of Gehrman Creek	28.63	46.366913	-90.583607	Access Road	N/A	No	Tyler Forks	Intermittent	No
sasw011	UNT of Gehrman Creek	28.67	46.366545	-90.582589	Mainline ROW	OC/DC	Likely	Tyler Forks	Intermittent	Yes
sasw010	UNT of Gehrman Creek	28.68	46.368164	-90.583090	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sasw008_x1	Gehrman Creek	28.71	46.368075	-90.582360	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sasw009_x1	UNT of Gehrman Creek	28.73	46.368076	-90.581886	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sasw009_x2	UNT of Gehrman Creek	28.77	46.368027	-90.581444	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sasw007	UNT of Gehrman Creek	28.78	46.367998	-90.581464	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sasw008_x2	Gehrman Creek	28.79	46.367897	-90.580497	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sasw005	Camp Four Creek	29.81	46.375803	-90.563281	Mainline ROW	OC/DC	Yes	Tyler Forks	Intermittent	Yes
saws006	UNT of Camp Four Creek	29.87	46.376232	-90.562354	Mainline ROW	OC/DC	Yes	Tyler Forks	Ephemeral	Yes
sasw003	Camp Four Creek	29.88	46.377736	-90.563309	Access Road	N/A	No	Tyler Forks	Intermittent	No
WDH-103	Feldcher Creek	31.76	46.396904	-90.542944	Mainline ROW	DC	Yes	Tyler Forks	Intermittent	Yes
sasc031i	UNT of Tyler Forks	31.83	46.407322	-90.555653	Access Road	N/A	No	Tyler Forks	Intermittent	No
sasc030i	UNT of Tyler Forks	31.91	46.408547	-90.555131	Access Road	N/A	No	Tyler Forks	Intermittent	No

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sirc008e_x1	Ditch	31.97	46.403157	-90.545453	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sirc008e_x2	Ditch	31.99	46.403331	-90.545246	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sirc006e_x1	Ditch	31.99	46.403365	-90.545271	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sirc006e_x2	Ditch	31.99	46.403457	-90.545099	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sirc007e	Ditch	31.99	46.403517	-90.545132	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sire002e_x1	Ditch	32.02	46.403630	-90.544868	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sire002e_x2	Ditch	32.05	46.403827	-90.544677	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sire001i	UNT of Tyler Forks	32.15	46.404806	-90.543384	Access Road	N/A	No	Tyler Forks	Intermittent	No
WDH-104	Feldcher Creek	32.22	46.396941	-90.528659	Access Road	N/A	No	Tyler Forks	Intermittent	No
sird010e_x1	UNT of Feldcher Creek	32.46	46.403659	-90.531204	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sird010e_x2	UNT of Feldcher Creek	32.64	46.406819	-90.531705	Access Road	N/A	No	Tyler Forks	Ephemeral	No
sira004p	Tyler Forks	33.43	46.413408	-90.516777	Access Road	N/A	No	Tyler Forks	Perennial	No
sira006i_x1	UNT of Tyler Forks	33.45	46.413419	-90.515883	Access Road	N/A	No	Tyler Forks	Intermittent	No
sira005i	UNT of Tyler Forks	33.45	46.413477	-90.515977	Access Road	N/A	No	Tyler Forks	Intermittent	No
sira006i_x2	UNT of Tyler Forks	33.46	46.413508	-90.514988	Access Road	N/A	No	Tyler Forks	Intermittent	No
sirb012p	Tyler Forks	34.04	46.423134	-90.516324	Mainline ROW	HDD	No	Tyler Forks	Perennial	No
sirc005e	UNT of Tyler Forks	34.08	46.423620	-90.515975	Mainline ROW	HDD	No	Tyler Forks	Ephemeral	No
sirc002p	Vogue Creek	34.31	46.421020	-90.504365	Access Road	N/A	No	Tyler Forks	Perennial	No
WDH-105	Vogue Creek	34.44	46.423749	-90.504538	Access Road	N/A	No	Tyler Forks	Perennial	No
sirw002	UNT of Potato River	35.72	46.453841	-90.508244	Access Road	N/A	No	Potato River	Ephemeral	No
sira001i	UNT of Potato River	35.91	46.442979	-90.490844	Mainline ROW	OC/DC	No	Potato River	Intermittent	Yes
sirw001	Coil Creek	36.55	46.454500	-90.489729	Access Road	N/A	No	Potato River	Intermittent	No
WDH-106	Coil Creek	36.84	46.454407	-90.484919	Access Road	N/A	No	Potato River	Perennial	No
sirc1004e	UNT of Potato River	37.03	46.456347	-90.477634	Access Road	N/A	No	Potato River	Ephemeral	No
sirc1003i	UNT of Potato River	37.03	46.456556	-90.477849	Access Road	N/A	No	Potato River	Intermittent	No
sirv001p	UNT of Potato River	37.63	46.464343	-90.497629	Access Road	N/A	No	Potato River	Perennial	No
sird001p	Potato River	37.86	46.468641	-90.482145	Mainline ROW	HDD	No	Potato River	Perennial	No
sird004e	UNT of Vaughn Creek	38.60	46.479311	-90.483346	Mainline ROW	OC/DC	No	Potato River	Ephemeral	Yes
sird005e	UNT of Vaughn Creek	38.64	46.479955	-90.483730	Mainline ROW	N/A	No	Potato River	Ephemeral	No
sird006e	UNT of Vaughn Creek	38.69	46.480680	-90.483780	Mainline ROW	N/A	No	Potato River	Ephemeral	No

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sird009p	UNT of Vaughn Creek	39.00	46.484463	-90.484924	Mainline ROW	DC	No	Potato River	Perennial	Yes
sird016p	Vaughn Creek	39.56	46.492280	-90.486344	Mainline ROW	HDD	No	Potato River	Perennial	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 publically 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.