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Enbridge  
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June 7, 2021

Amy Minser  
Wisconsin Department of Natural Resources  
Water Resources  
PO Box 7921  
Madison, WI 53707

Re: Enbridge Line 5 Wisconsin Segment Relocation Project  
Construction Stormwater General Permit –Supplemental Filing

Dear Amy:

Enbridge Energy, Limited Partnership ("Enbridge") has prepared the enclosed supplemental information (provided electronically) in support of Enbridge's Construction Stormwater General Permit Application for the proposed Line 5 Wisconsin Segment Relocation Project ("Project"). Enbridge submitted a Construction Stormwater General Permit application to the Wisconsin Department of Natural Resources ("WDNR") in September 2020. Enbridge has continued to coordinate with the WDNR to address agency questions and provide additional information, as applicable. The WDNR identified additional supporting data and clarifications needed from Enbridge related to erosion controls and provided a data request to Enbridge on January 7, 2021. Enbridge provided an initial set of responses on February 11, 2021 addressing a majority of the data needs. Enbridge submitted additional information to the WDNR on February 22, 2021, including revised versions of the Erosion and Sediment Control Plan for WDNR review and comment.

This supplemental filing provides additional information in response to the WDNR's January 7, 2021 Data Request regarding permanent aboveground features. WDNR Data Request Question #4 requested additional information on access roads, including permanent access roads to each Mainline Block Valve ("MLV"). Enbridge's February 10, 2021 response indicated that Enbridge was finalizing MLV site designs and would provide additional information as the information is available. Enbridge is submitting the attached *Mainline Valve Site Runoff Management Report* which analyzes the applicability of Post Construction Storm Water Runoff Management for the MLVs and the associated permanent access roads.

Enbridge has prepared an analysis of the MLV site designs and has incorporated applicable sections of NR 151 regarding post-construction runoff control/treatment into the Project designs. Based on feedback received from the WDNR and results of the analysis, Enbridge minimized ground disturbance to less than one acre and/or modified the Project design to result in disconnected impervious surfaces for MLV 1, 2, 3, 4, 5, and 7. Therefore, post-construction storm water modeling and site evaluation for storm water infiltration are not required.

Enbridge has determined that MLV 6 is subject to the post construction requirements of NR 151.121 to NR 151.124 which include standards for peak flow, infiltration, and total suspended

solids. Enbridge has designed MLV 6 to meet the code requirements, including the implementation of filter strips and vegetative swales. The site falls under the moderate impervious design criteria based on the intended use being industrial in nature in accordance with NR 151.124. Enbridge condensed the MLV site design to the maximum extent practical to conduct operations safely and to minimize the footprint of the developed area.

Enbridge is also providing a revised Project Narrative to reflect changes in the Project schedule and Post Construction Storm Water Management.

Additionally, Enbridge has removed two proposed temporary access roads (access roads AR-202 and AR-080) from the Project workspace and has added two minor additional temporary workspace ("ATWS") associated with water appropriation sites for hydrostatically testing the pipeline. No ground disturbance will occur within these two ATWS locations. Enbridge has updated the associated map pages and application materials to reflect the removal of these two access roads and the addition of the ATWS.

If you have questions about the information presented in the attached materials, please contact me at 218-390-9254.

Sincerely,

Joe McGaver, PE  
Technical Manager Environment  
Enbridge Energy, Limited Partnership

Enclosures:

- Attachment 1 - *Mainline Valve Site Runoff Management Report*
- Attachment 2 - Revised Project Narrative
- Attachment 3 – Revised Project Maps
- Attachment 4 – Revised Project Tables

cc: Ben Callan, Wisconsin Department of Natural Resources  
Adam Mednick, Wisconsin Department of Natural Resources

## **Attachment 1**

### **Mainline Valve Site Runoff Management Report**

## **Attachment 2**

### **Revised Project Narrative**



## **Line 5 Wisconsin Segment Relocation Project**

**Wisconsin Department of Natural Resources  
Storm Water Pollution Prevention Plan  
Project Narrative**

June 2021  
Revision 2

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### **List of Acronyms**

| <b>Name</b>    | <b>Description</b>                             |
|----------------|------------------------------------------------|
| Bad River Band | Bad River Band of Lake Superior Chippewa Tribe |
| ECDs           | Erosion Control Devices                        |
| Enbridge       | Enbridge Energy, Limited Partnership           |
| EPP            | Environmental Protection Plan                  |
| Project        | Line 5 Wisconsin Segment Relocation Project    |
| Reservation    | Bad River Reservation                          |
| ROW            | Right-of-way                                   |
| WDNR           | Wisconsin Department of Natural Resources      |

## **1.0 PROJECT SUMMARY**

Enbridge Energy's ("Enbridge") existing Line 5 pipeline crosses through approximately 12 miles of the Bad River Reservation ("Reservation") of the Bad River Band of Lake Superior Chippewa Tribe ("Bad River Band"). In July 2019, the Bad River Band terminated mediation discussion with Enbridge regarding the renewal of pipeline easement and filed a lawsuit in federal court for the removal of the Line 5 segment from the Reservation. In response to this litigation and discussions with the Bad River Band regarding its preferences for Line 5 to be removed from the Reservation, Enbridge developed the Line 5 Wisconsin Segment Relocation Project ("Project") to reroute the existing Line 5 pipeline. The proposed Project will replace approximately 20 miles of the existing Line 5 pipeline with approximately 41.1 miles of a new pipeline segment located entirely outside the exterior boundaries of the Reservation. Additionally, the Project will include the installation of cathodic protections, AC mitigation facilities, seven mainline block valves, four pipe yards and contractor yards, and minor modifications to the existing Ino Pump station.

### **1.1 CONSTRUCTION RIGHT-OF-WAY**

The Project is located in Ashland, Bayfield, Douglas, and Iron County, Wisconsin. Enbridge proposes to use a 120-foot-wide construction right-of-way ("ROW") to allow for temporary storage of topsoil and spoil as well as accommodate safe operation of construction equipment. To minimize wetland disturbance, Enbridge will reduce the construction ROW to 95-foot-wide in wetlands where practicable based on site-specific conditions. Land disturbance along the construction ROW and the associated temporary workspace will impact approximately **738.9** acres. The ROW and associated temporary workspace will be restored to approximate pre-construction conditions.

### **1.2 ABOVEGROUND FACILITIES**

Enbridge proposes to install seven mainline block valves as part of the Project, each will be approximately **0.13** acre in size and will include an associated access road (see section 1.4). The seven mainline block valves will result in permanent conversion of land use type to approximately **0.9** acre of land. Additionally, Enbridge will make minor modifications to the Ino Pump Station at the existing facility; however, activities at the Ino Pump Station will be within the existing facility fence line. All land affected at the Ino Pump Station is currently impervious industrial land and no increase to impervious area will occur. No other aboveground facilities are required for the Project.

### **1.3 PIPE STORAGE AND CONTRACTOR YARDS**

During construction, Enbridge will temporarily use off-right-of-way areas for pipe and material storage. Additionally, construction contractors will require off-right-of-way contractor yards to park equipment and stage construction activities. Enbridge has identified four pipe yards or contractor yards (totaling approximately 57.9 acres). Enbridge has assessed sensitive environmental features when planning the placement and use of these pipe yards to minimize potential sensitive resource impacts. Enbridge and/or the Contractor will lease the sites and will restore them upon the completion of the Project unless the landowner and applicable agencies otherwise permit or authorize.

### **1.4 ACCESS ROADS**

Enbridge typically uses existing public and private roads to access the ROW and facilities to the extent practicable to limit impacts attributed to construction of new temporary roads. However, Enbridge identified areas where new temporary access roads will be necessary for equipment, material deliveries, and personnel access. Enbridge will obtain applicable landowner and regulatory approvals prior to using

the new access roads. Enbridge may leave newly constructed temporary roads and existing private roads upgraded for use by the Project intact through mutual agreement with the landowner unless otherwise restricted by federal, state, or local regulations. Where temporary access roads are removed, the area will be restored as near as practical to the pre-construction conditions. Enbridge will utilize **91** temporary access roads (approximately **111.8** acres), of which eight will be new or partially new access roads (approximately 4.3 acres). Enbridge will utilize seven permanent access roads (approximately 3.2 acres) associated with the permanent mainline valves, of which six will be new or partially new access roads (approximately 1.9 acres). Existing temporary or permanent access roads may require improvements.

## 2.0 CONSTRUCTION SCHEDULE

Subject to receipt of required regulatory approvals and permit authorizations, Enbridge proposes to begin construction of the Project in **February** of 2022. Enbridge anticipates the pipeline replacement segment to be connected to the existing Line 5 and to be placed in-service in September of 2022. Table 2.0-1 provides the construction schedule. Enbridge will continue restoration efforts until Project areas have been restored in accordance with permit conditions and landowner agreements.

Total construction impacts will be minimized by performing construction in a linear fashion, to the extent feasible, with each crew moving in sequence/phase. Each construction crew will proceed along the pipeline ROW in one continuous operation from staking to backfilling and final grading. Specialty crews will be used to install select areas including horizontal directional drills, road crossings, and railroad crossings. Each construction process will be coordinated to minimize the total time an individual tract of land is disturbed to the extent practicable.

**Table 2.0-1: Construction Schedule**

***Revised June 2021***

| <b>Task Name</b>                            | <b>Start Date</b> | <b>End Date</b> | <b>Duration</b> |
|---------------------------------------------|-------------------|-----------------|-----------------|
| Construction ROW Staking                    | 2/9/2022          | 5/24/2022       | 15 weeks        |
| Start ROW Clearing                          | 2/10/2022         | 4/20/2022       | 10 weeks        |
| Utility Sweeps                              | 2/10/2022         | 4/20/2022       | 10 weeks        |
| Access Grading and Site Preparation         | 2/10/2022         | 5/11/2022       | 13 weeks        |
| Rock Blasting                               | 3/1/2022          | 5/14/2022       | 11 weeks        |
| Begin Horizontal Directional Drill Crossing | 3/1/2022          | 6/25/2022       | 17 weeks        |
| Mainline ROW Grading                        | 5/17/2022         | 7/2/2022        | 7 weeks         |
| Hauling and Stringing Pipe                  | 5/27/2022         | 7/14/2022       | 7 weeks         |
| Facilities Field Work                       | 6/1/2022          | 8/9/2022        | 10 weeks        |
| Pipe Bending                                | 6/1/2022          | 7/19/2022       | 7 weeks         |
| Welding of Pipe                             | 6/7/2022          | 7/23/2022       | 7 weeks         |
| Pipe Coating                                | 6/8/2022          | 7/26/2022       | 7 weeks         |
| Ditching                                    | 6/14/2022         | 7/30/2022       | 7 weeks         |
| Lowering In of Pipe                         | 6/15/2022         | 7/31/2022       | 7 weeks         |
| Backfill Ditch                              | 6/16/2022         | 8/3/2022        | 7 weeks         |
| ROW Restoration                             | 6/21/2022         | 11/5/2022       | 20 weeks        |
| Hydrotesting of Pipe                        | 7/26/2022         | 8/6/2022        | 2 weeks         |
| Commissioning and Tie-in                    | 8/4/2022          | 8/31/2022       | 4 weeks         |
| In-Service Date                             | 9/1/2022          | 9/1/2022        | --              |

### **3.0 EROSION AND SEDIMENT CONTROL**

Temporary erosion and sediment control devices (ECDs) will be installed after initial clearing and before soil disturbance at the base of sloped approaches to streams, wetlands, and roads, and in other areas as necessary to prevent sediment transport into sensitive resource areas. Temporary ECDs will also be installed at the edge of the construction ROW as necessary. Temporary erosion control measures will be replaced by permanent erosion controls during final cleanup restoration. All temporary and permanent erosion and sediment control measures will be in accordance with Enbridge's Environmental Protection Plan (EPP), the Wisconsin Department of Natural Resources (WDNR) Storm Water Construction Technical Standards, and applicable permit requirements. ECDs will be inspected, at a minimum, weekly and within 24 hours after every precipitation event that produces 0.5 inch of rain or more during a 24-hour period. Soils map units crossed by this Project are shown on the soil map set included as Attachment 8 of this application. Soil map units and associated soil characteristics crossed by this project are in a table included as Attachment 9 of this application.

#### **3.1 BEST MANAGEMENT PRACTICES**

Enbridge will implement, at a minimum, the prescriptive compliance outlined in the WDNR *Construction Site Soil Loss and Sediment Discharge Calculation Guidance* (2019) at all applicable locations to meet the sediment performance standard to discharge no more than 5 tons per acre per year of sediment. Areas along the pipeline ROW and associated facilities less than 1 acre in size and less than 10 percent of the total disturbed area are considered prescriptive compliance areas, and will achieve the WDNR soil loss and sediment discharge standards by implementing erosion and sediment control best management practices. Sediment discharge calculations for Project sites that are not considered a prescriptive compliance area are included as Attachment 3 of this application.

The best management practices related to erosion and sediment control for the project are included in Section 8.0 of Enbridge's EPP, included as Attachment 7 of this application:

Enbridge will prevent or reduce deposition of soil from being tracked onto streets by vehicles exiting the construction workspace by installing stone pads or timber mats at construction entrances. If such BMPs are not adequately preventing sediment tracking onto roadways, street sweeping will be used (see Section 8.0 of the EPP).

Enbridge will prevent or reduce the discharge of sediment from disturbed areas into on-site storm water inlets by installing erosion and sediment control devices prior to ground disturbing activities. Erosion and sediment control devices will be maintained until final stabilization (see Section 8.2 of the EPP).

Enbridge will prevent or reduce the discharge of sediment from disturbed areas into adjacent waters of the state by installing erosion and sediment control devices prior to ground disturbing activities. Erosion and sediment control devices will be installed at the base of sloped approaches to waters of the state and at the edge of the construction workspace to slow the flow of water and reduce discharge of sediments into adjacent waters of the state. Erosion and sediment control devices will be maintained until final stabilization (see Section 8.2 of the EPP).

Enbridge will prevent or reduce the discharge of sediment from drainage ways that flow off site by installing erosion and sediment control devices after clearing and prior to ground disturbing activities. Temporary erosion and sediment control devices will be installed at the edge of the construction workspace, as necessary to slow water leaving the site and reduce discharge of sediments that flow off site. Erosion and sediment control devices will be maintained until final stabilization (see Section 8.2 of the EPP) is achieved.

Enbridge will prevent or reduce discharge of sediment from dewatering activities by preventing sediment uptake from the trench, directing discharges through a filtering device, such as a well-vegetated upland area or straw bale dewatering structure, and managing site-specific discharge settings (see Section 25.1 of the EPP).

Enbridge will prevent or reduce discharge of sediment eroding from soil stockpiles existing for more than 7 days by temporarily stabilizing soil stockpiles or installing perimeter controls. Stabilization methods may include application of temporary seed and/or mulch to soil stockpiles (see section 8.4 of the EPP). Perimeter controls may include silt fence or compost filter sock around soil stockpiles (see Section 8.3 of the EPP). In addition, erosion from stockpiles will be reduced by creating stockpile gaps to allow for natural drainage of ditches, swales, and waterways (see Section 9.0 of the EPP). All other disturbed areas in which construction activities have temporarily paused for more than 14 days will be temporarily stabilized, in accordance with the EPP.

Enbridge will prevent or reduce discharge of sediment from erosive flow at outlets and in downstream channels by minimizing the timeframe of in-stream work activities, designing stream crossings as to minimize channel crossing length, and implementing bank stabilization in unstable soils or site-specific conditions that may require additional restoration efforts (see Section 23 of the EPP). Enbridge will prevent or reduce the transport by runoff into waters of the state of chemicals, cement, and other building compounds and materials by requiring its contractors to implement proper planning and prevention measures to minimize the likelihood of spills, and quickly clean up a spill should one occur. In addition, Enbridge will require project contractors to handle, store, and properly dispose of all hazardous and waste materials generated as a result of the Project. Waste products such as cement wash, waste paints, and blast debris, will be stored in appropriate containers that will minimize the potential for leakage and runoff until the waste can be disposed of off-site (see Sections 12, 28, and 29 of the EPP).

Enbridge does not anticipate vehicle or equipment washing occurring on the proposed construction workspace; however, should it be necessary, Enbridge will require its contractors to contain, store, and properly dispose of all wash water. Enbridge will not discharge untreated wash water from vehicle and wheel washing into waters of the state.

Enbridge's EPP outlines construction-related environmental policies, procedures, and protection measures Enbridge developed as a baseline for construction. Enbridge developed the EPP based on prior experience implementing best management practices during construction, as well as the requirements specified in the Federal Energy Regulatory Commission's Upland Erosion Control, Revegetation, and Maintenance Plan (May 2013 Version) and Wetland and Waterbody Construction and Mitigation Procedures (May 2013 Version). It is intended to meet or exceed federal, state, and local environmental protection and erosion control requirements, specifications, and practices. The EPP addresses typical circumstances that may occur along the Project. Project-specific permit conditions and/or landowner agreements will supersede the general practices described in the EPP. Alternative construction procedures implemented in lieu of this EPP will provide an equal or greater level of protection to the environment, and require advance approval from Enbridge.

## **4.0 POST CONSTRUCTION STORM WATER MANAGEMENT**

Enbridge completed an analysis of the seven mainline valves and their associated permanent access roads to define the applicability of and adhere to NR 151 Post Construction Runoff Management. The *Mainline Valve Site Runoff Management Report* was provided to the WDNR in May 2021 as a supplemental response to the January 7, 2021 Information Request. Based on feedback received from the WDNR and results of the analysis, Enbridge minimized ground disturbance to less than 1 acre and/or designed the project to result

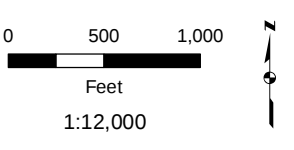
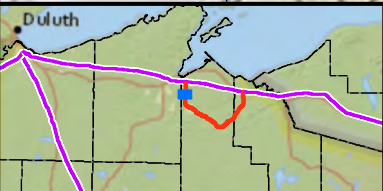
in disconnected impervious surfaces for mainline valves (MLV) 1, 2, 3, 4, 5, and 7. Therefore, post-construction storm water modeling and site evaluation for storm water infiltration are not required.

MLV 6 is subject to the post construction requirements of NR 151.121 to NR 151.124 which include standards for peak flow, infiltration, and total suspended solids. The Project site is designed to meet the code requirements, including the implementation of filter strips and vegetative swales. The site falls under the moderate impervious design criteria based on the intended use being industrial in nature in accordance with NR 151.124. The site design was condensed to the maximum extent practical to conduct operations safely and to minimize the footprint of the developed area.

**Attachment 3**  
**Revised Project Maps**



This information is for environmental review purposes only.

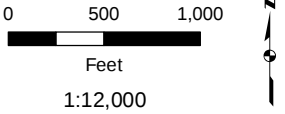
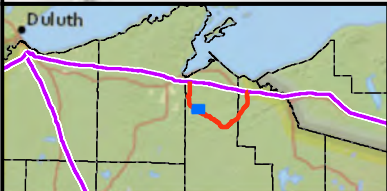
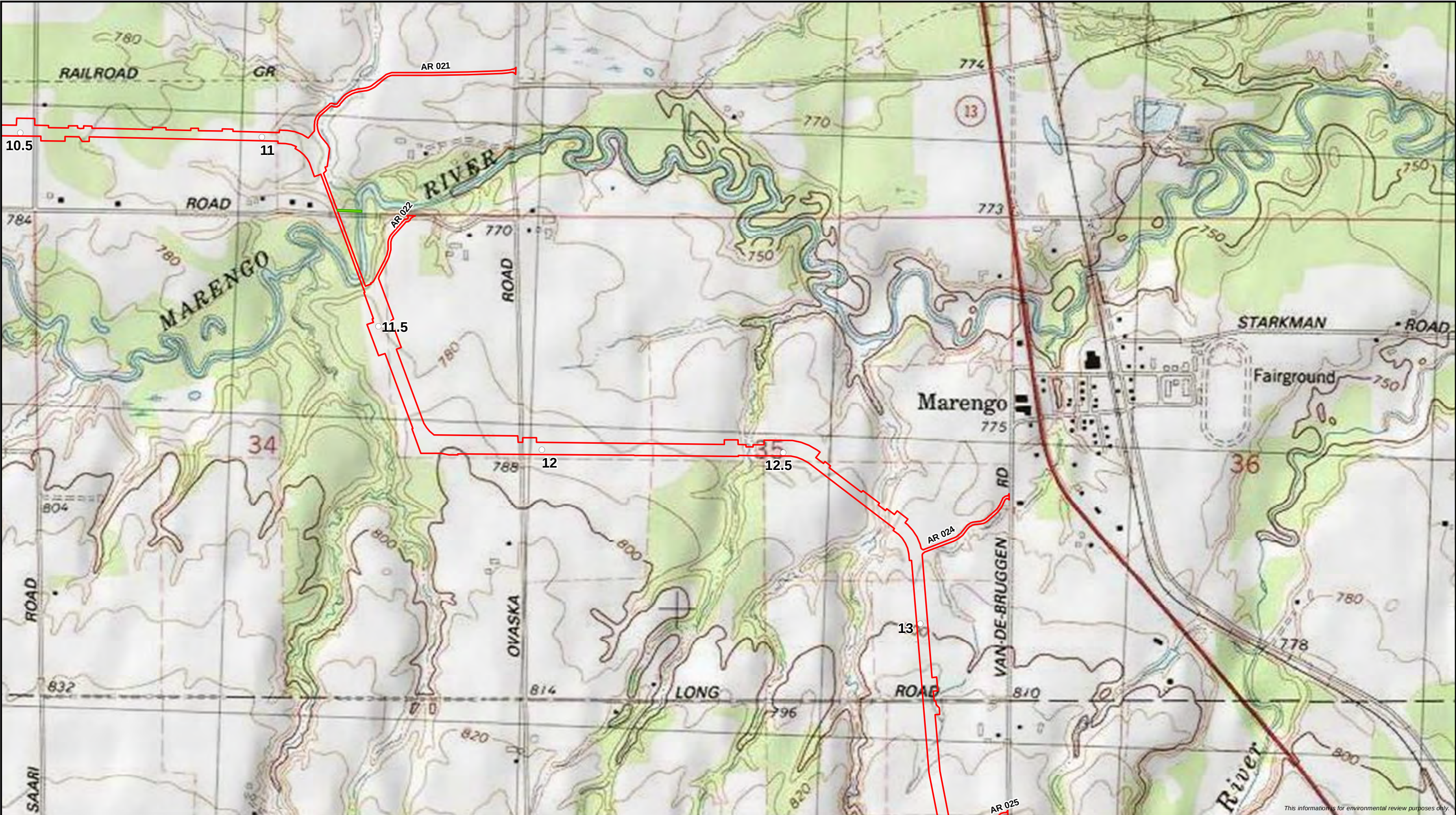


- Milepost
- ▭ Proposed Workspace
- ▭ Proposed Additional Workspace
- ▭ Filed Access Road Removed



Attachment A  
Proposed Project on Topographic Maps  
Line 5 Wisconsin Segment Relocation Project  
Enbridge Energy, L.P.



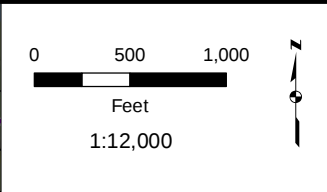
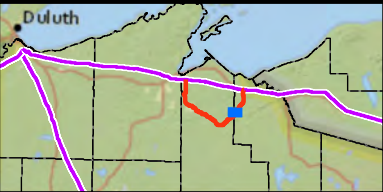
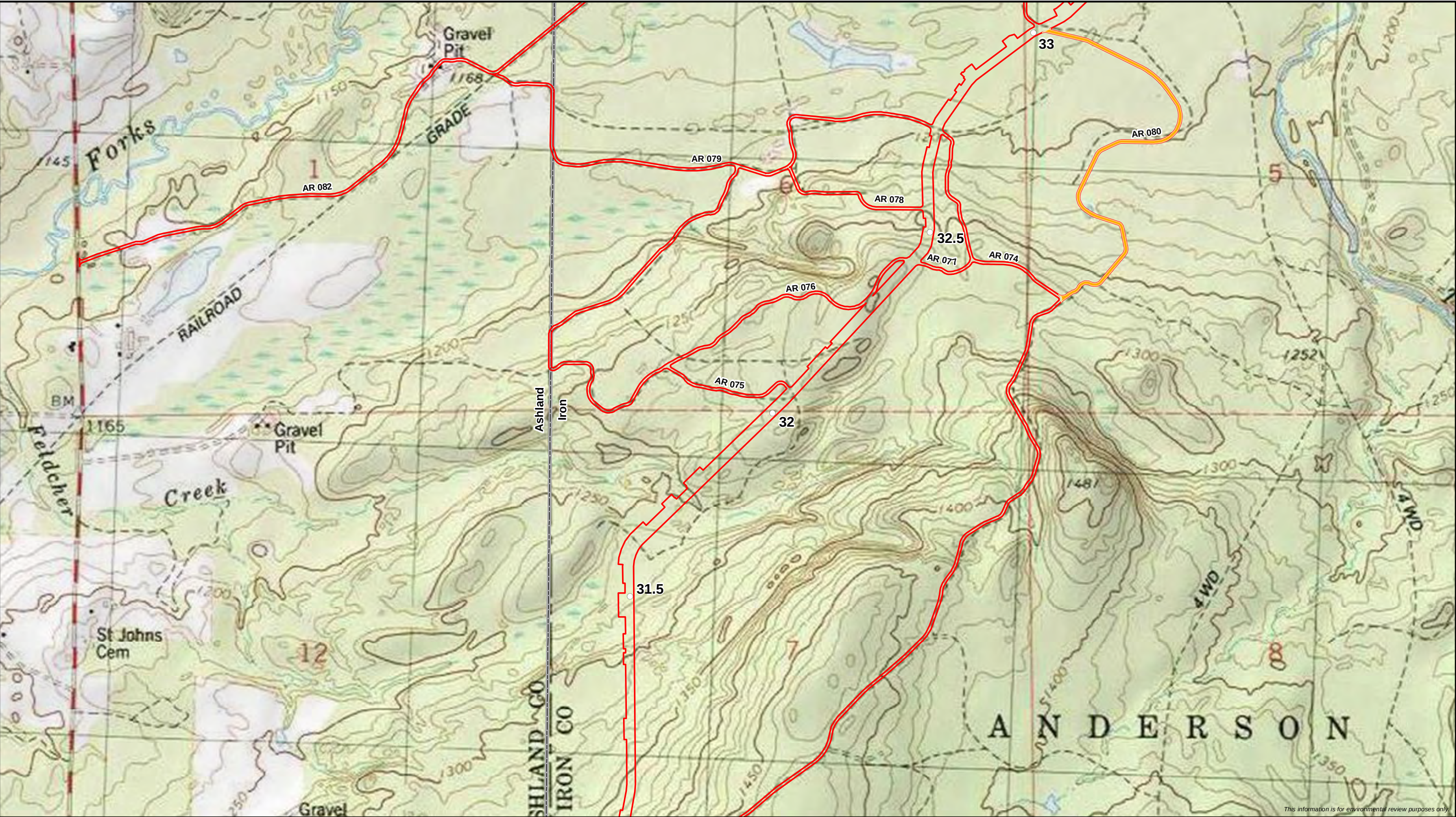


- Milepost
- ▭ Proposed Workspace
- ▭ Proposed Additional Workspace



Attachment A  
Proposed Project on Topographic Maps  
Line 5 Wisconsin Segment Relocation Project  
Enbridge Energy, L.P.

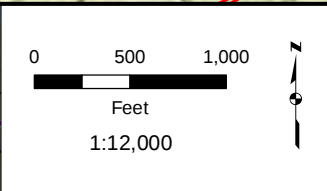
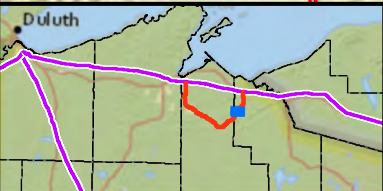
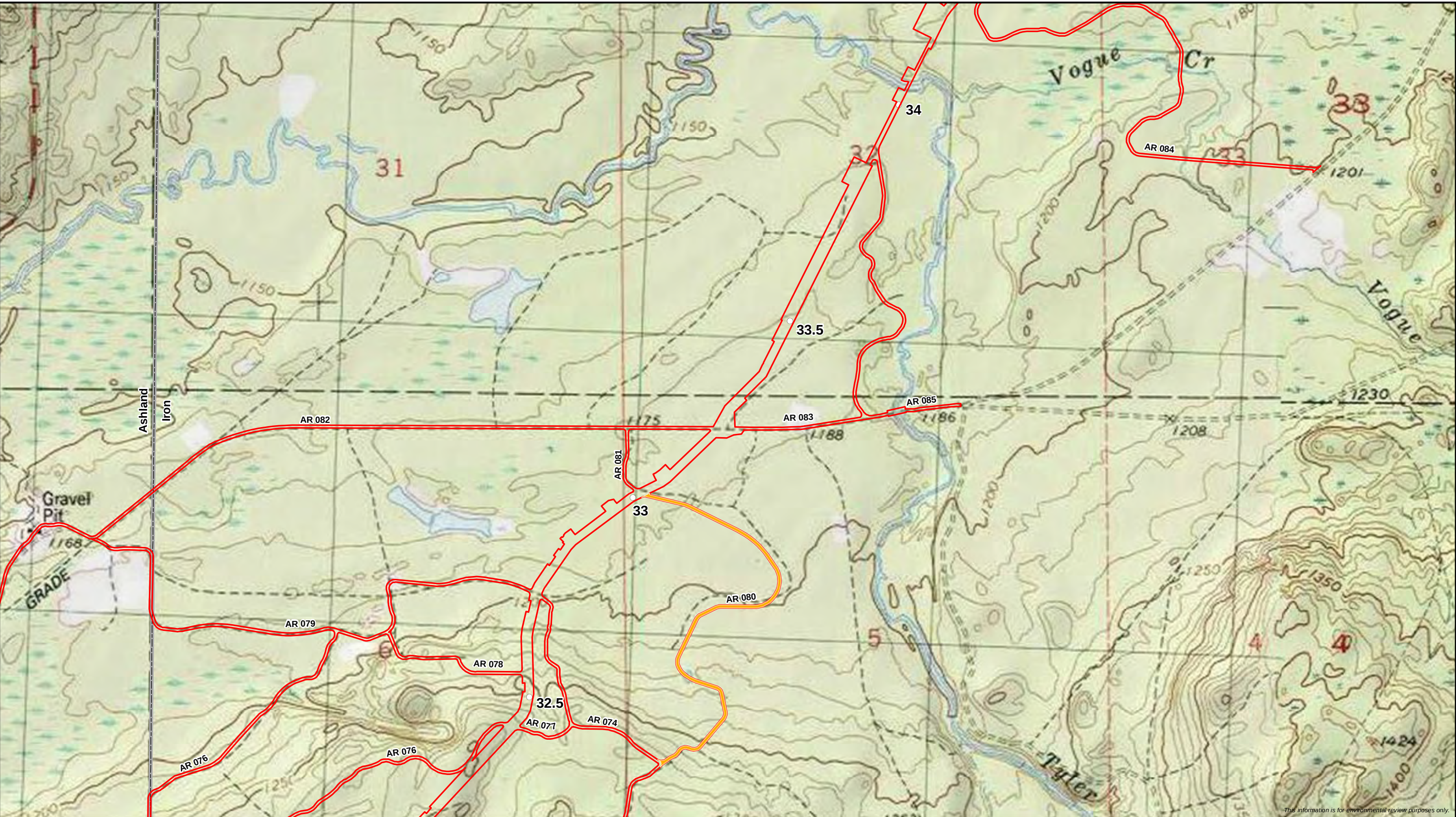




- Milepost
- ▭ Proposed Workspace
- ▭ Filed Access Road Removed

Attachment A  
Proposed Project on Topographic Maps  
Line 5 Wisconsin Segment Relocation Project  
Enbridge Energy, L.P.

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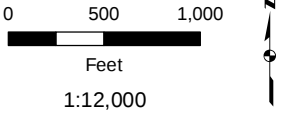
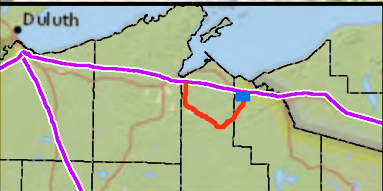


- Milepost
- ▭ Proposed Workspace
- ▭ Filled Access Road Removed



Attachment A  
Proposed Project on Topographic Maps  
Line 5 Wisconsin Segment Relocation Project  
Enbridge Energy, L.P.



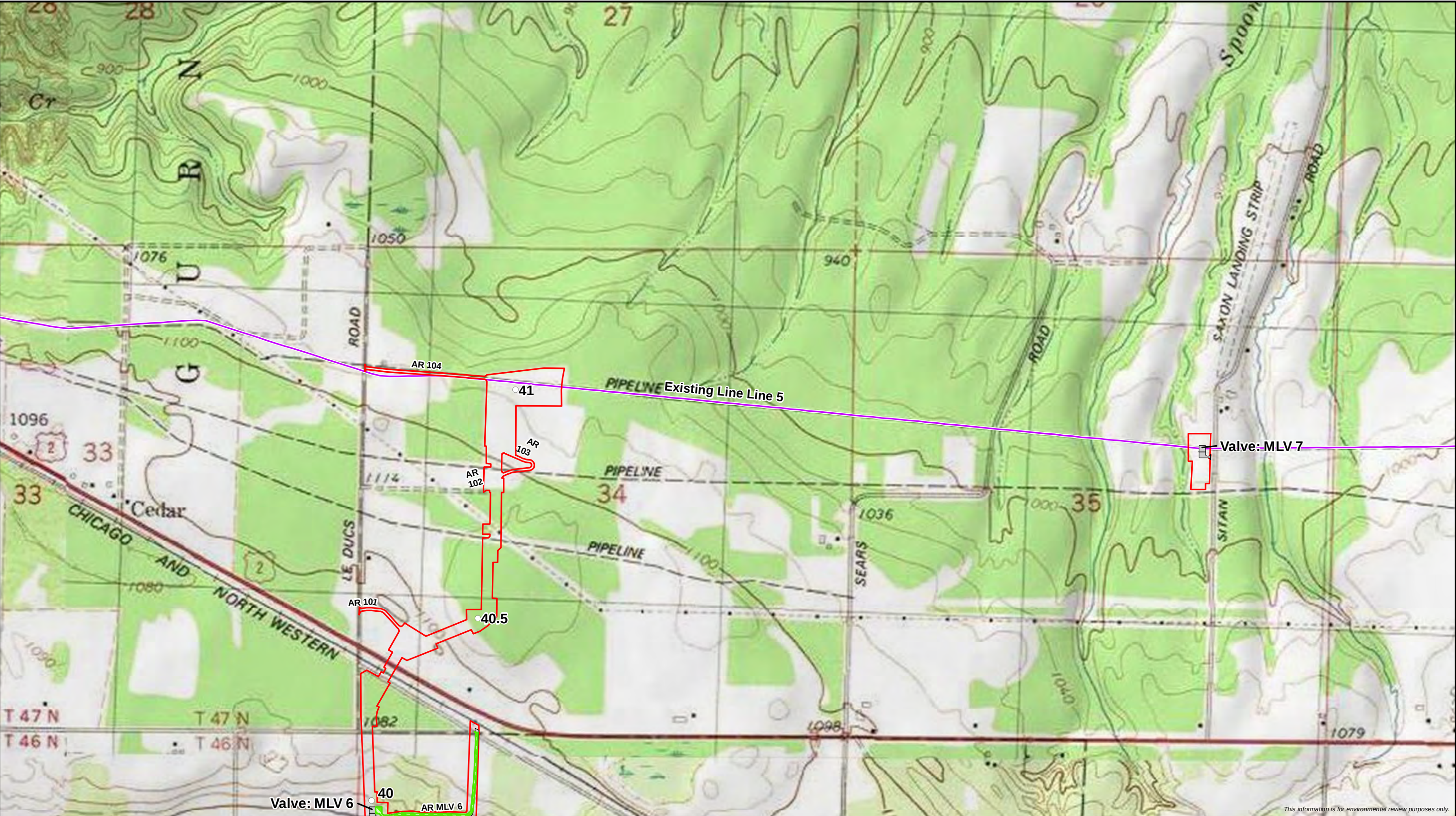


- Milepost
- ▭ Proposed Workspace
- ▨ Proposed Workspace Modification

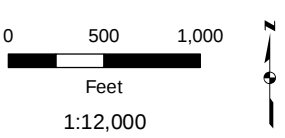
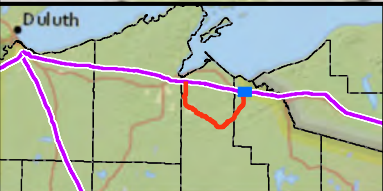


Attachment A  
Proposed Project on Topographic Maps  
Line 5 Wisconsin Segment Relocation Project  
Enbridge Energy, L.P.





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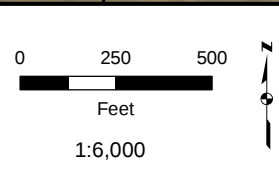


- Existing Enbridge Pipeline
- Milepost
- Proposed Workspace
- Proposed Workspace Modification



Attachment A  
Proposed Project on Topographic Maps  
Line 5 Wisconsin Segment Relocation Project  
Enbridge Energy, L.P.



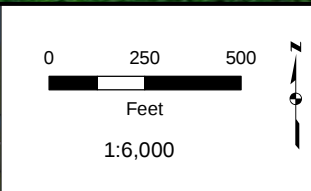
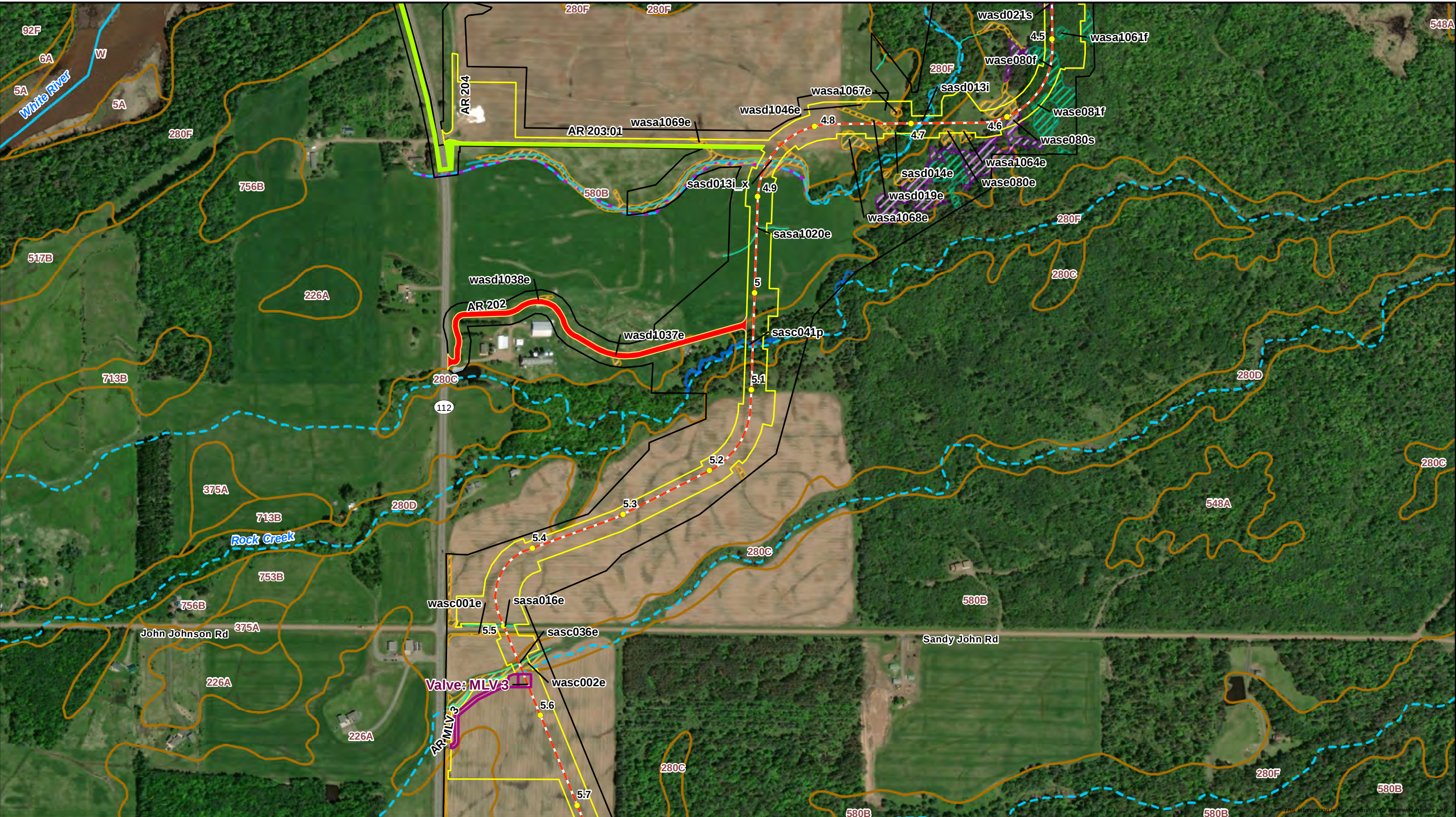


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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>Milepost</li><li>Proposed Centerline</li><li>HDD/Direct Bore</li><li>Proposed Workspace</li><li>Proposed Additional Workspace</li><li>Survey Complete</li></ul> | <ul style="list-style-type: none"><li>SSURGO Map Unit</li><li>Wisconsin DNR 24K Hydro</li><li>Perennial Stream/River</li><li>Intermittent Stream</li><li>WI DNR Waterbody</li></ul> | <ul style="list-style-type: none"><li>Delineated Waterbody</li><li>Perennial Waterbody</li><li>Intermittent Waterbody</li><li>Ephemeral Waterbody</li><li>Delineated Wetland</li><li>PFO Wetland</li></ul> | <ul style="list-style-type: none"><li>PSS Wetland</li><li>PEM Wetland</li></ul> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|



Attachment B  
Delineated Wetlands and Waterbodies  
Line 5 Wisconsin Segment Relocation Project  
Enbridge Energy, L.P.  
Ashland County, Wisconsin





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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>Milepost</li><li>Proposed Centerline</li><li>Proposed Workspace</li><li>Proposed Additional Workspace</li><li>Filed Access Road Removed</li><li>Survey Complete</li><li>Permanent Valve/Road</li></ul> | <ul style="list-style-type: none"><li>SSURGO Map Unit</li><li>Wisconsin DNR 24K Hydro</li><li>Perennial Stream/River</li><li>Intermittent Stream</li><li>WI DNR Waterbody</li><li>Delineated Waterbody</li><li>Pond</li></ul> | <ul style="list-style-type: none"><li>Perennial Waterbody</li><li>Intermittent Waterbody</li><li>Ephemeral Waterbody</li><li>Delineated Wetland</li><li>PFO Wetland</li><li>PSS Wetland</li><li>PEM Wetland</li></ul> |
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Attachment B

Delineated Wetlands and Waterbodies

Line 5 Wisconsin Segment Relocation Project

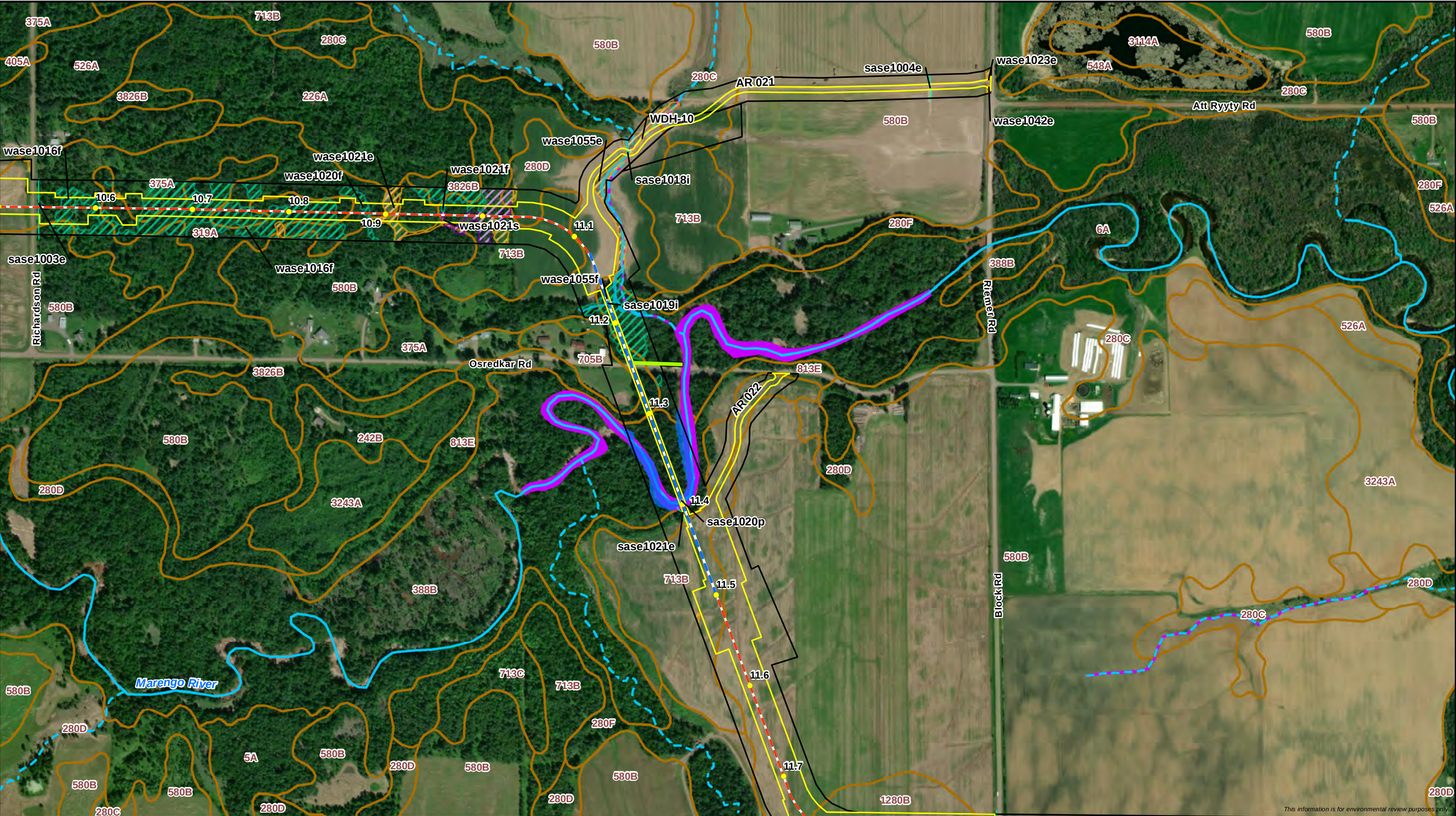
Enbridge Energy, L.P.

Ashland County, Wisconsin

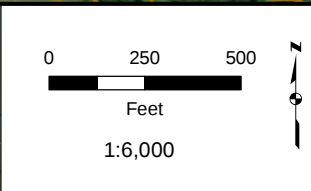


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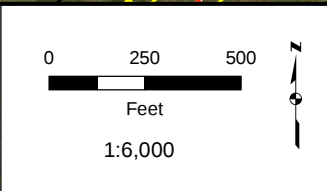
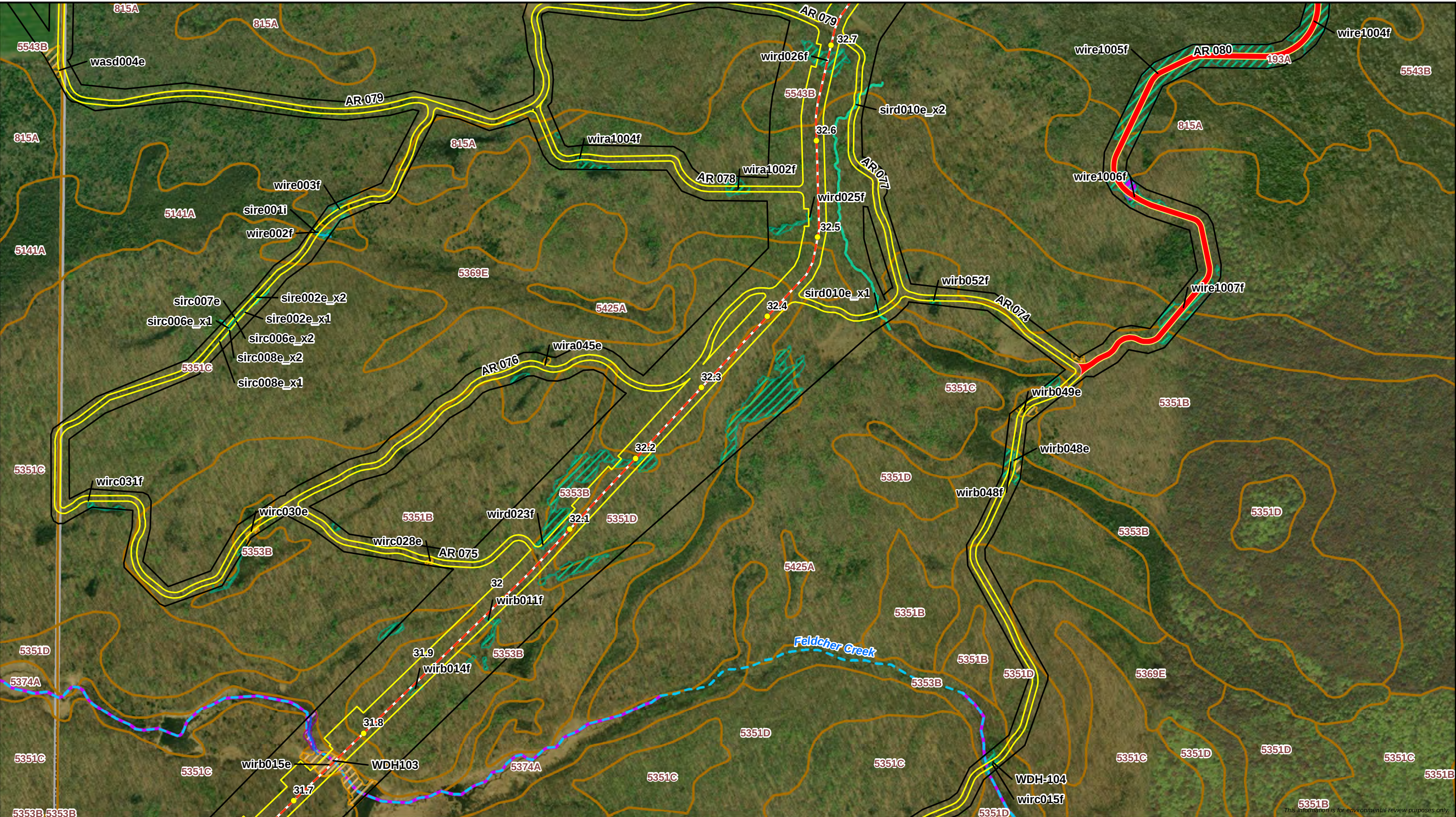
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| <ul style="list-style-type: none"><li>Milepost</li><li>Proposed Centerline</li><li>HDD/Direct Bore</li><li>Proposed Workspace</li><li>Proposed Additional Workspace</li><li>Survey Complete</li></ul> | <ul style="list-style-type: none"><li>SSURGO Map Unit</li><li>Wisconsin DNR 24K Hydro<ul style="list-style-type: none"><li>Perennial Stream/River</li><li>Intermittent Stream</li><li>WI DNR Waterbody</li></ul></li></ul> | <ul style="list-style-type: none"><li>Delineated Waterbody<ul style="list-style-type: none"><li>Perennial Waterbody</li><li>Intermittent Waterbody</li><li>Ephemeral Waterbody</li></ul></li><li>Delineated Wetland<ul style="list-style-type: none"><li>PFO Wetland</li></ul></li></ul> | <ul style="list-style-type: none"><li>PSS Wetland</li><li>PEM Wetland</li></ul> |
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Attachment B  
Delineated Wetlands and Waterbodies  
Line 5 Wisconsin Segment Relocation Project  
Enbridge Energy, L.P.  
Ashland County, Wisconsin

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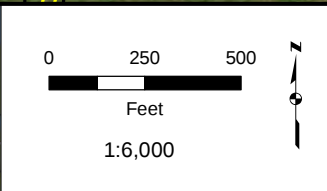
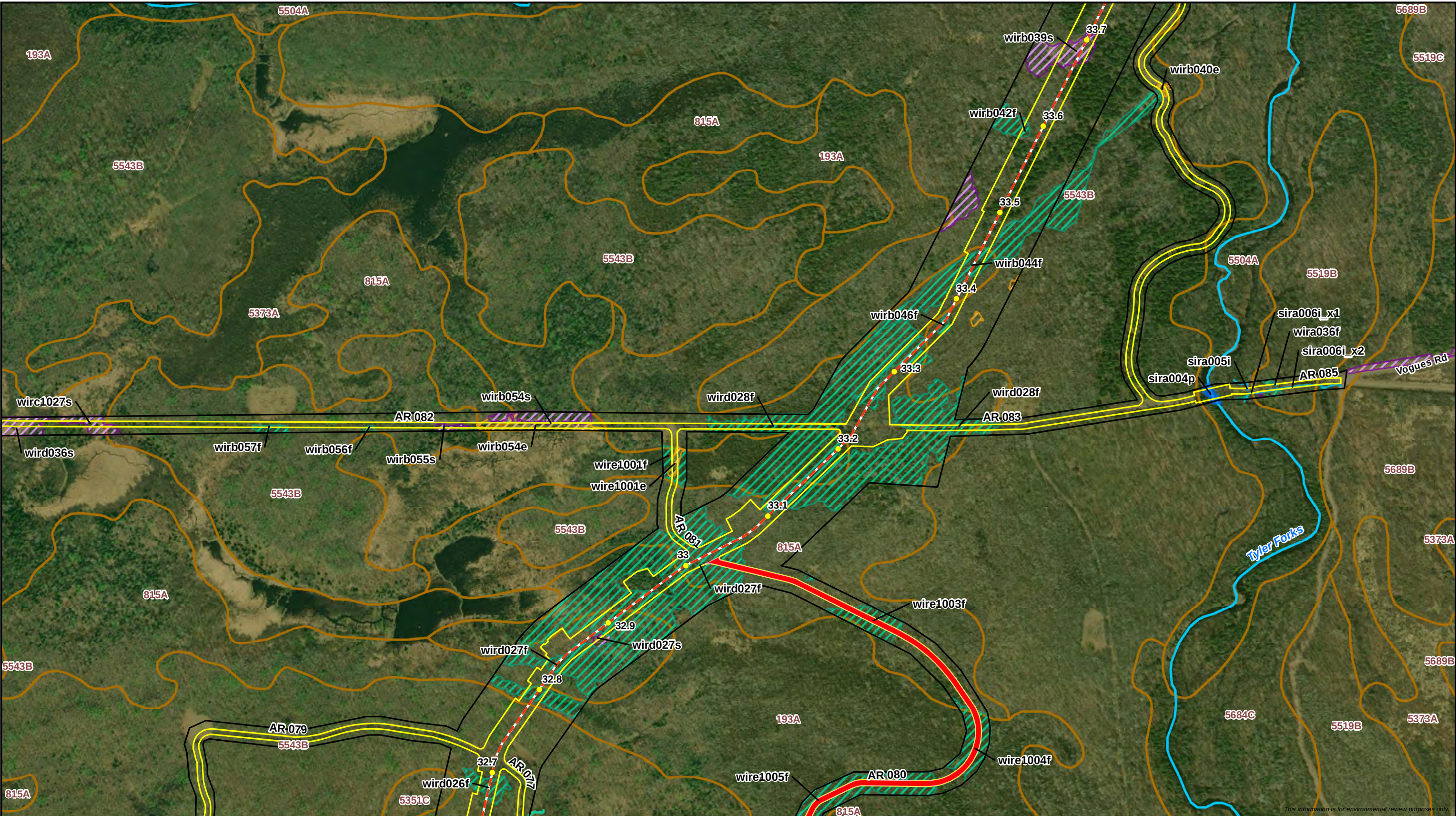
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Attachment B  
Delineated Wetlands and Waterbodies  
Line 5 Wisconsin Segment Relocation Project  
Enbridge Energy, L.P.  
Iron County, Wisconsin



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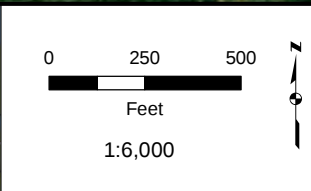
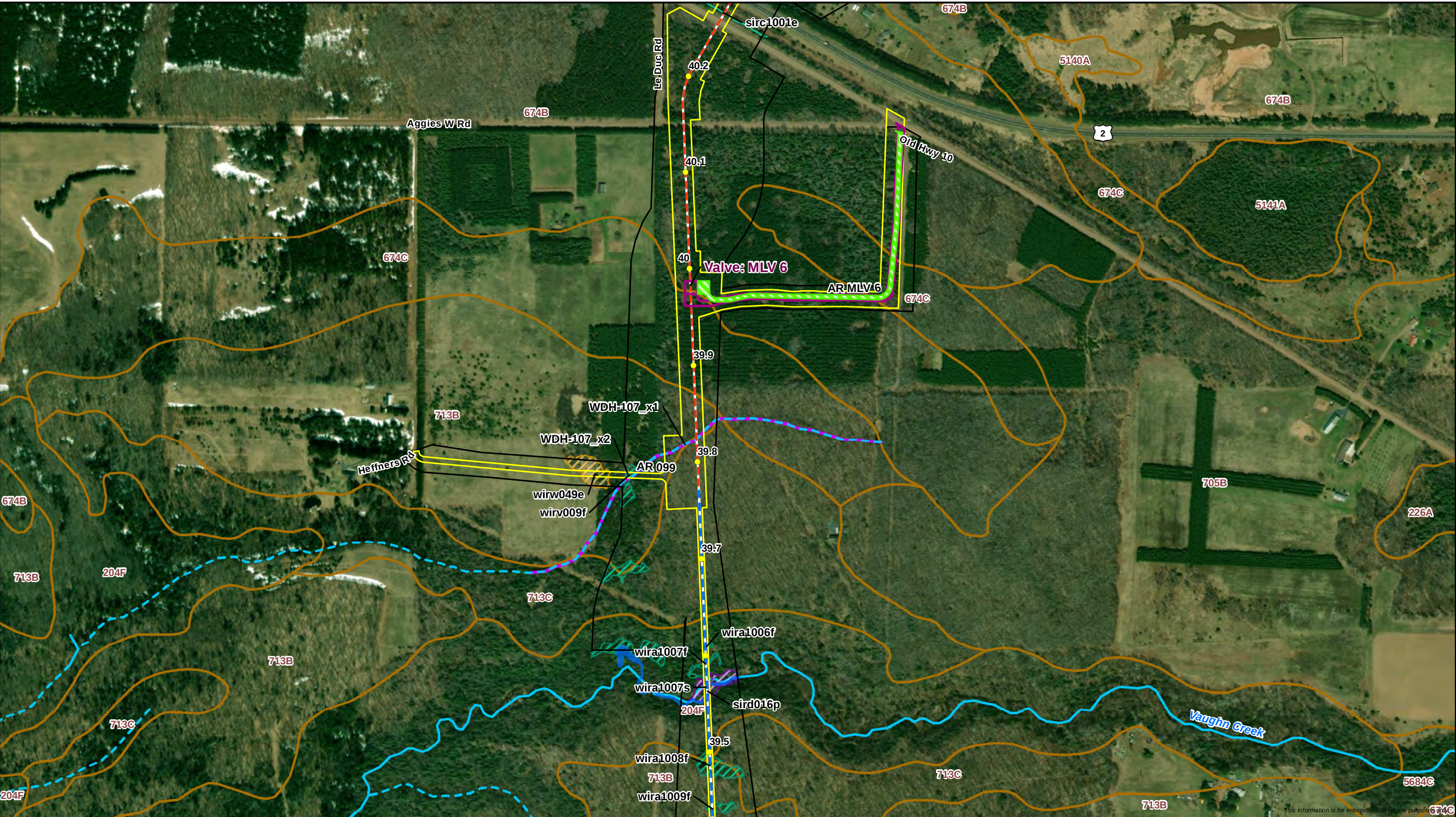
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Attachment B  
Delineated Wetlands and Waterbodies  
Line 5 Wisconsin Segment Relocation Project  
Enbridge Energy, L.P.  
Iron County, Wisconsin

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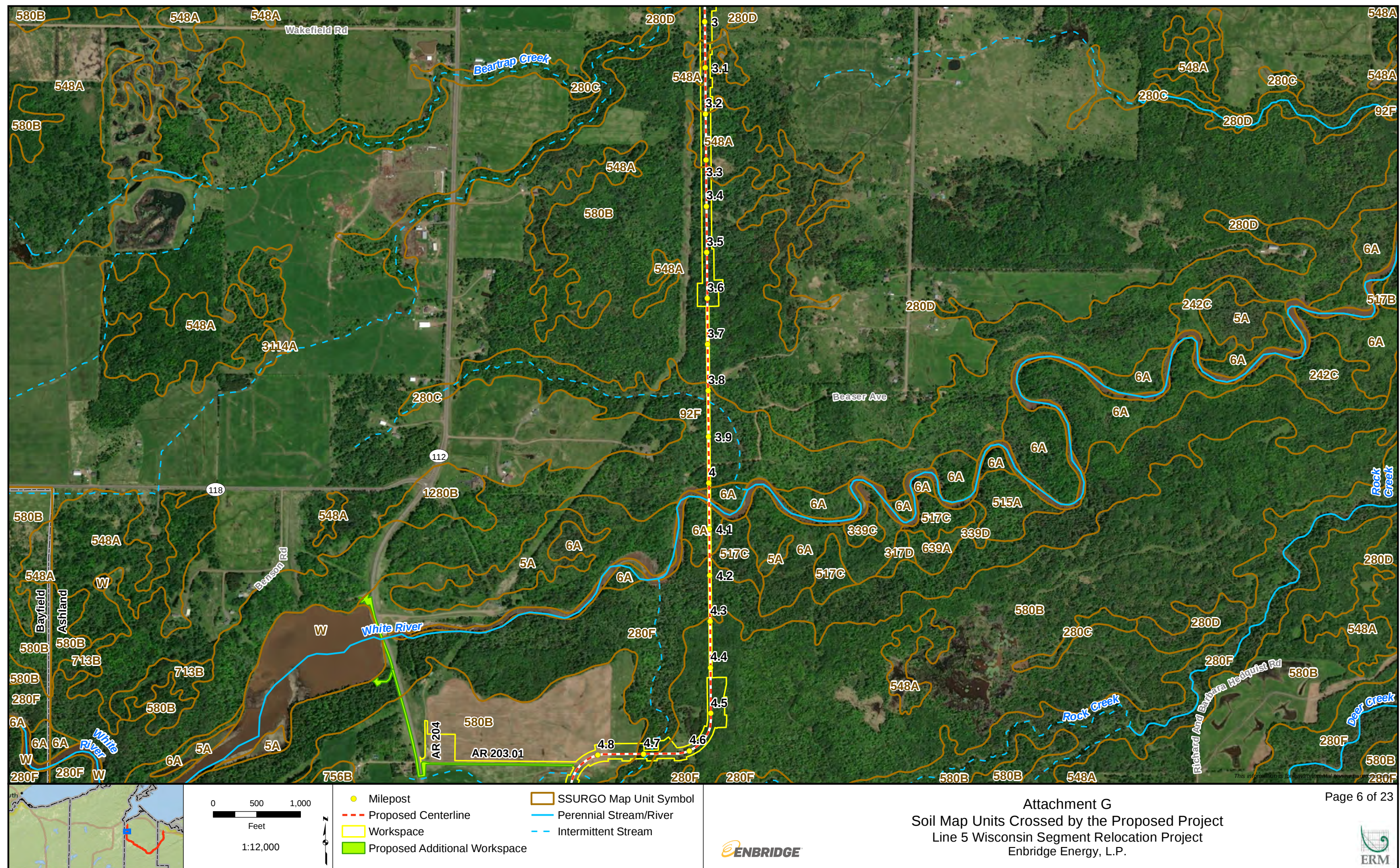


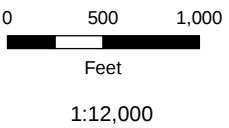
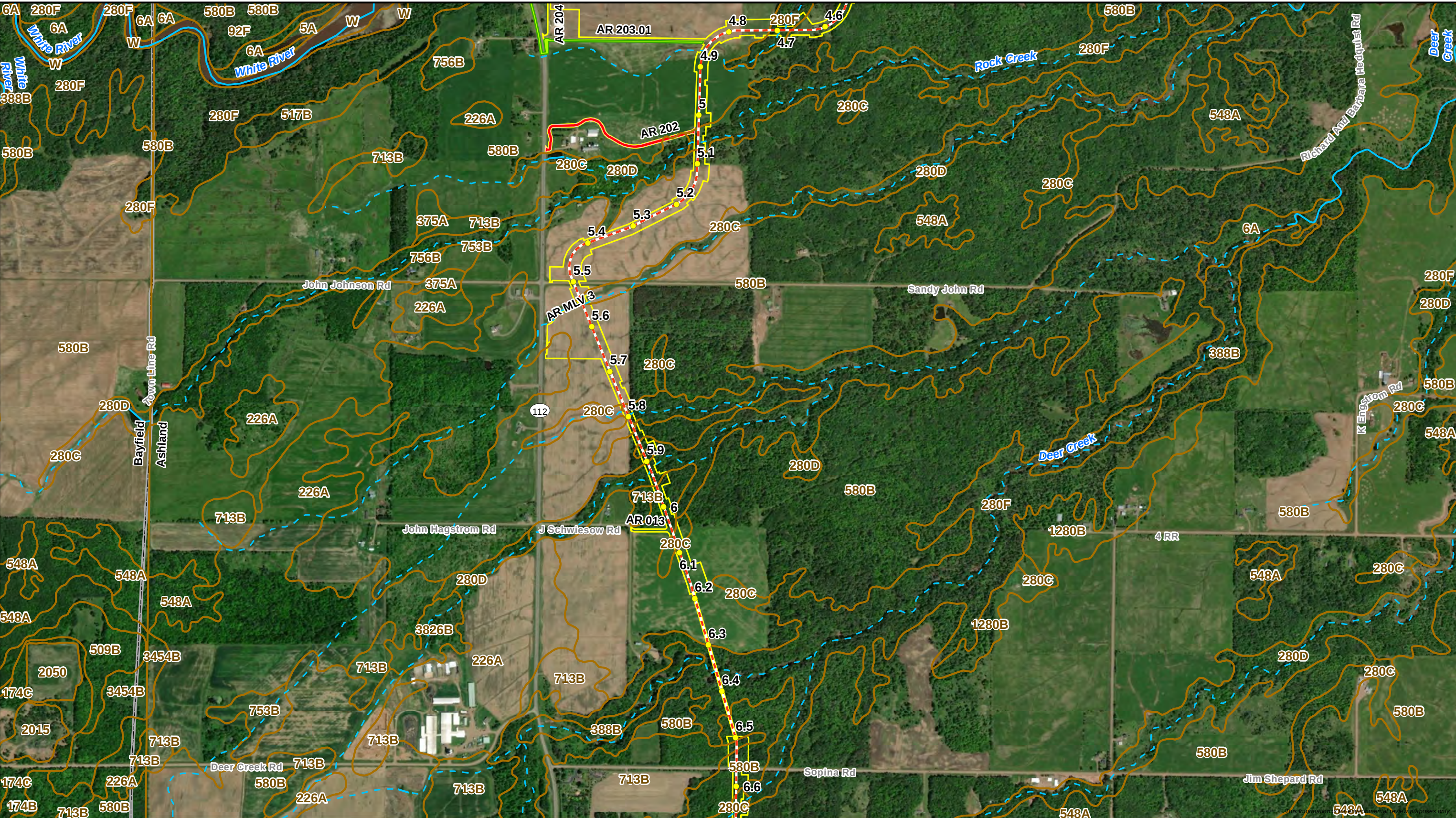
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Attachment B  
Delineated Wetlands and Waterbodies  
Line 5 Wisconsin Segment Relocation Project  
Enbridge Energy, L.P.  
Iron County, Wisconsin

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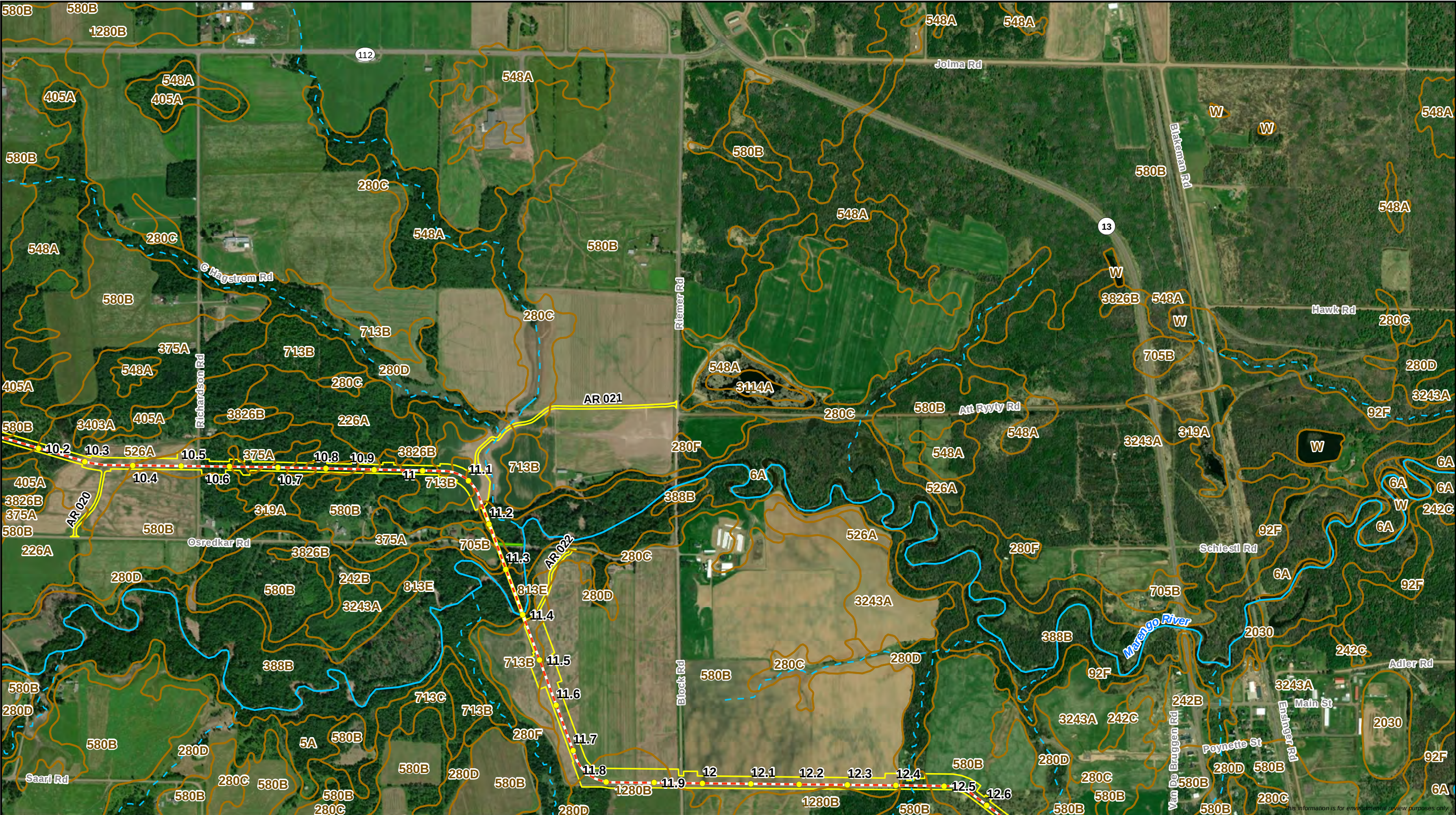


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|---------------------------------|-----------------------------|
| ● Milepost                      | ■ Filed Access Road Removed |
| - - - Proposed Centerline       | ■ SSURGO Map Unit Symbol    |
| □ Workspace                     | — Perennial Stream/River    |
| ■ Proposed Additional Workspace | - - - Intermittent Stream   |



Attachment G  
Soil Map Units Crossed by the Proposed Project  
Line 5 Wisconsin Segment Relocation Project  
Enbridge Energy, L.P.







05001,000

Feet

1:12,000

Milepost

Proposed Centerline

Workspace

Proposed Additional Workspace

SSURGO Map Unit Symbol

Perennial Stream/River

Intermittent Stream



Attachment G

Soil Map Units Crossed by the Proposed Project

Line 5 Wisconsin Segment Relocation Project

Enbridge Energy, L.P.

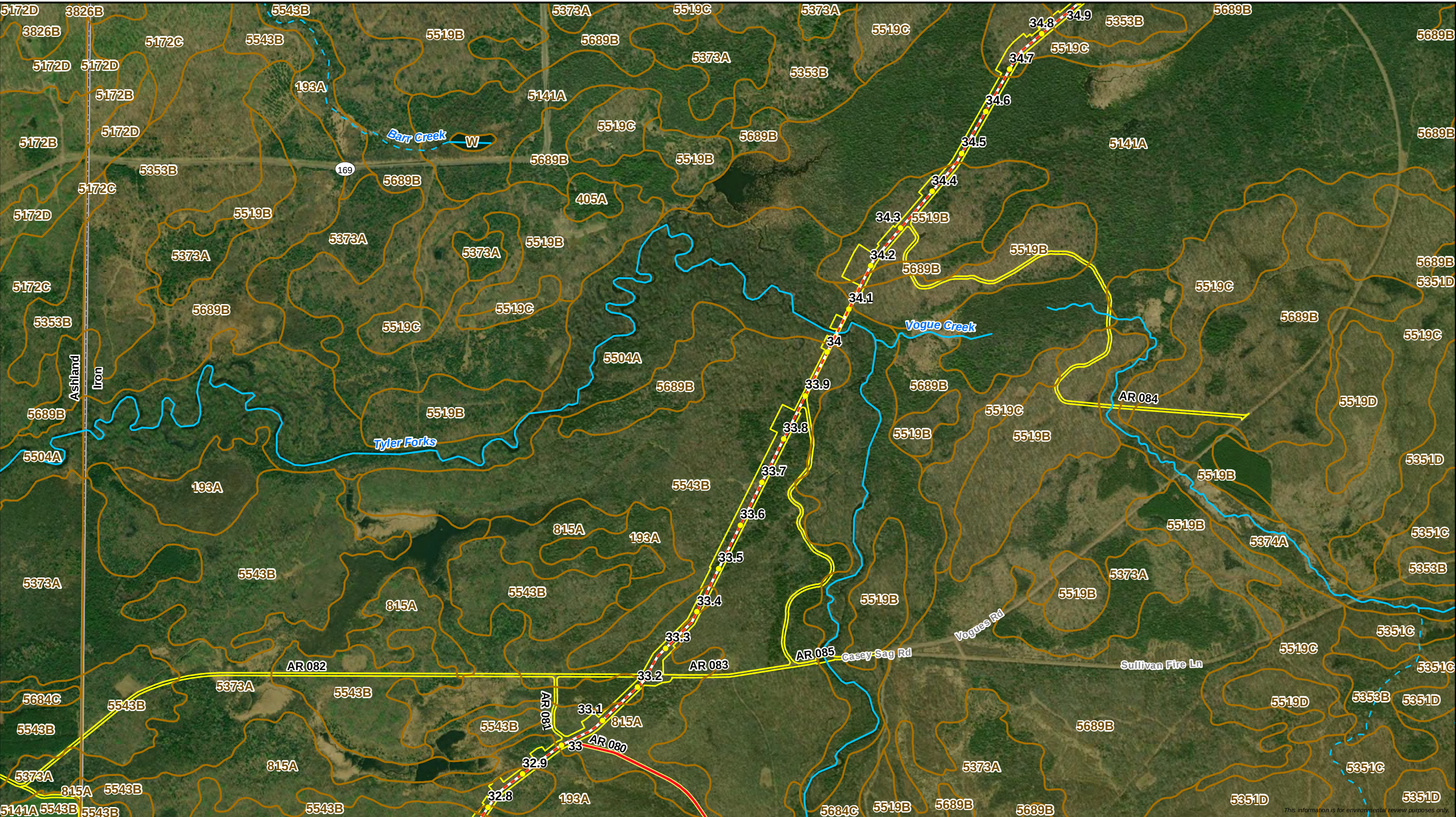
Page 10 of 23

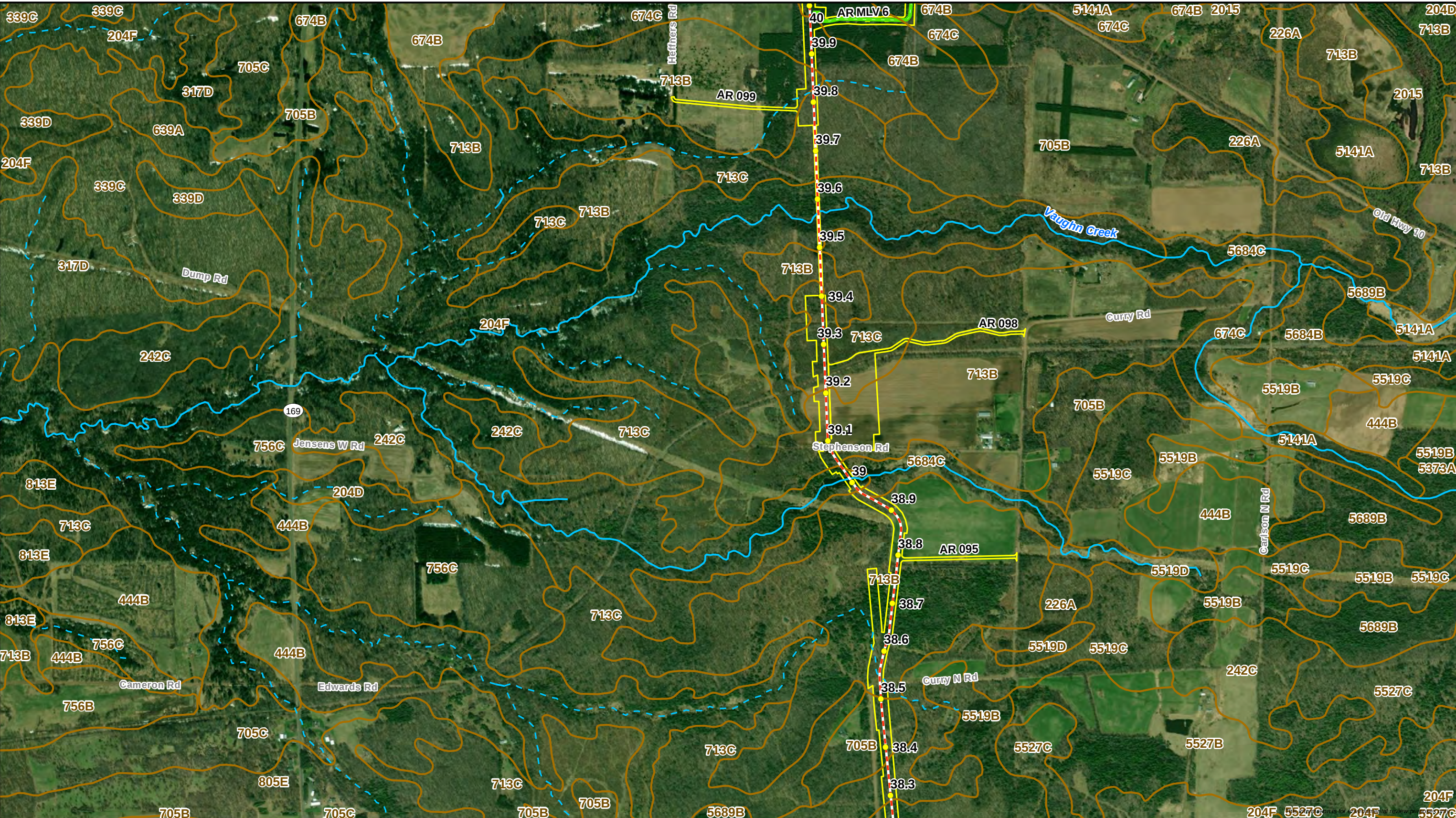


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**Attachment 4**  
**Revised Project Tables**

**Line 5 Wisconsin Segment Relocation Project  
Storm Water Pollution Prevention Plan**

**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                 | Component Name | Percent Slope |      | Surface Texture | Drainage Class               | Permeability     | Taxonomic Classification                                                                         | Parent Material                                                         | Landforms                   | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres      |
|-----------------|-----------------------------------------------|----------------|---------------|------|-----------------|------------------------------|------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------|-----------------------------|--------------------------|------------|
|                 |                                               |                | Low           | High |                 |                              |                  |                                                                                                  |                                                                         |                             |                             |                          |            |
| 1280B           | Sanborg-Odanah complex, 2 to 6 percent slopes | Odanah         | 2             | 6    | Silt loam       | Well drained                 | Moderate         | Fine, mixed, active, frigid Haplic Glossudalfs                                                   | clayey till                                                             | till plains                 | State                       | No                       | 2.1        |
|                 |                                               | Sanborg        | 0             | 6    | Silt loam       | Moderately well drained      | Moderate         | Fine, mixed, active, frigid Oxyaquic Glossudalfs                                                 | clayey till                                                             | till plains                 | State                       | No                       | 2.6        |
| 193A            | Minocqua muck, 0 to 2 percent slopes          | Minocqua       | 0             | 2    | Muck            | Poorly drained               | Moderately Rapid | Coarse-loamy over sandy or sandy-skeletal, mixed, superactive, nonacid, frigid Typic Endoaquepts | silty and loamy glaciofluvial deposits over sandy and gravelly outwash  | depressions, outwash plains | Prime                       | Yes                      | <b>1.3</b> |
| 2015            | Pits                                          | Pits           | N/A           | N/A  | N/A             | N/A                          | N/A              | N/A                                                                                              | N/A                                                                     | outwash plains              | No                          | N/A                      | 19.8       |
| 2030            | Udorthents and Udipsamments, cut or fill      | Udipsamments   | N/A           | N/A  | N/A             | N/A                          | N/A              | Udipsamments                                                                                     | N/A                                                                     | N/A                         | No                          | No                       | 8.0        |
|                 |                                               | Udorthents     | N/A           | N/A  | N/A             | N/A                          | N/A              | Udorthents                                                                                       | N/A                                                                     | N/A                         | No                          | No                       | 8.0        |
| 204D            | Denomie silt loam, 15 to 30 percent slopes    | Denomie        | 15            | 30   | Silt loam       | Well drained                 | Moderate         | Fine-silty, mixed, active, frigid Haplic Glossudalfs                                             | silty and loamy till                                                    | till plains                 | No                          | No                       | 0.0        |
| 204F            | Denomie silt loam, 30 to 60 percent slopes    | Denomie        | 30            | 60   | Silt loam       | Well drained                 | Moderate         | Fine-silty, mixed, active, frigid Haplic Glossudalfs                                             | silty and loamy till                                                    | till plains                 | No                          | No                       | 2.6        |
| 215C            | Pence sandy loam, 6 to 15 percent slopes      | Pence          | 6             | 15   | Sandy loam      | Somewhat excessively drained | Moderately Rapid | Sandy, isotic, frigid Typic Haplorthods                                                          | loamy glaciofluvial deposits over stratified sandy and gravelly outwash | hillslopes, outwash plains  | No                          | No                       | 13.9       |

**Line 5 Wisconsin Segment Relocation Project  
Storm Water Pollution Prevention Plan**

**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                    | Component Name | Percent Slope |      | Surface Texture | Drainage Class               | Permeability     | Taxonomic Classification                                            | Parent Material                                                         | Landforms                                                   | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres |
|-----------------|--------------------------------------------------|----------------|---------------|------|-----------------|------------------------------|------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------|--------------------------|-------|
|                 |                                                  |                | Low           | High |                 |                              |                  |                                                                     |                                                                         |                                                             |                             |                          |       |
| 215D            | Pence sandy loam, 15 to 35 percent slopes        | Pence          | 15            | 35   | Sandy loam      | Somewhat excessively drained | Moderately Rapid | Sandy, isotic, frigid Typic Haplorthods                             | loamy glaciofluvial deposits over stratified sandy and gravelly outwash | hillslopes, outwash plains                                  | No                          | No                       | 0.0   |
| 226A            | Allendale loamy fine sand, 0 to 3 percent slopes | Allendale      | 0             | 3    | Loamy fine sand | Somewhat poorly drained      | Rapid            | Sandy over clayey, mixed, semiactive, frigid Alfic Epiaquods        | sandy sediments and underlying clayey lacustrine or till deposits       | ground moraines, lake plains, lake terraces, outwash plains | No                          | No                       | 12.4  |
| 262B            | Amnicon-Cuttre complex, 0 to 4 percent slopes    | Amnicon        | 0             | 4    | Silty clay loam | Moderately well drained      | Moderately Slow  | Very-fine, mixed, active, frigid Oxyaquic Vertic Glossudalfs        | clayey till                                                             | till plains                                                 | State                       | No                       | 9.0   |
|                 |                                                  | Cuttre         | 0             | 3    | Clay            | Somewhat poorly drained      | Moderately Slow  | Very-fine, mixed, active, frigid Aeric Glossaqualfs                 | clayey till                                                             | till plains                                                 | State                       | No                       | 7.2   |
| 280C            | Odanah silt loam, 6 to 15 percent slopes         | Odanah         | 6             | 15   | Silt loam       | Well drained                 | Moderate         | Fine, mixed, active, frigid Haplic Glossudalfs                      | clayey till                                                             | till plains                                                 | No                          | No                       | 8.0   |
| 280D            | Odanah silt loam, 15 to 25 percent slopes        | Odanah         | 15            | 25   | Silt loam       | Well drained                 | Moderate         | Fine, mixed, active, frigid Haplic Glossudalfs                      | clayey till                                                             | till plains                                                 | No                          | No                       | 9.3   |
| 280F            | Odanah silt loam, 25 to 60 percent slopes        | Odanah         | 25            | 60   | Silt loam       | Well drained                 | Moderate         | Fine, mixed, active, frigid Haplic Glossudalfs                      | clayey till                                                             | till plains                                                 | No                          | No                       | 4.9   |
| 319A            | Tonkey sandy loam, 0 to 2 percent slopes         | Tonkey         | 0             | 2    | Sandy loam      | Poorly drained               | Moderate         | Coarse-loamy, mixed, semiactive, nonacid, frigid Mollic Endoaquepts | stratified loamy and sandy glaciofluvial deposits                       | depressions, drainageways, lake plains                      | Prime                       | Yes                      | 2.2   |

**Line 5 Wisconsin Segment Relocation Project  
Storm Water Pollution Prevention Plan**

**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                                                            | Component Name | Percent Slope |      | Surface Texture                  | Drainage Class          | Permeability     | Taxonomic Classification                                               | Parent Material                                                               | Landforms                                                   | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres |
|-----------------|------------------------------------------------------------------------------------------|----------------|---------------|------|----------------------------------|-------------------------|------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------|--------------------------|-------|
|                 |                                                                                          |                | Low           | High |                                  |                         |                  |                                                                        |                                                                               |                                                             |                             |                          |       |
| 3243A           | Spear silt loam, lake terrace, 0 to 3 percent slopes                                     | Spear          | 0             | 3    | Silt loam                        | Somewhat poorly drained | Moderate         | Coarse-silty, mixed, superactive, frigid Aquic Glossudalfs             | glacio-lacustrine deposits                                                    | lake plains                                                 | Prime                       | No                       | 1.8   |
| 375A            | Robago fine sandy loam, lake terrace, 0 to 3 percent slopes                              | Robago         | 0             | 3    | Highly decomposed plant material | Somewhat poorly drained | Rapid            | Coarse-loamy, mixed, superactive, frigid Argic Endoaquods              | stratified sandy and loamy glaciofluvial and glaciolacustrine deposits        | lake plains                                                 | Prime                       | No                       | 4.9   |
| 3826B           | Allendale-Wakeley-Kinross complex, 0 to 6 percent slopes                                 | Allendale      | 0             | 6    | Loamy fine sand                  | Somewhat poorly drained | Rapid            | Sandy over clayey, mixed, semiactive, frigid Alfic Epiaquods           | sandy sediments and underlying clayey lacustrine or till deposits             | ground moraines, lake plains, lake terraces, outwash plains | No                          | No                       | 0.7   |
|                 |                                                                                          | Kinross        | 0             | 2    | Muck                             | Very poorly drained     | Rapid            | Sandy, mixed, frigid Typic Endoaquods                                  | glaciofluvial material                                                        | lake plains, outwash plains, stream terraces                | No                          | Yes                      | 0.4   |
|                 |                                                                                          | Wakeley        | 0             | 2    | Muck                             | Very poorly drained     | Rapid            | Sandy over clayey, mixed, semiactive, nonacid, frigid Aerice Epiaquods | sandy outwash and lacustrine material underlain by clayey lacustrine deposits | lake plains, outwash plains                                 | No                          | Yes                      | 0.6   |
| 388B            | Pelkie, occasionally flooded-Dechamps, frequently flooded complex, 0 to 4 percent slopes | Dechamps       | 0             | 2    | Fine sand loam                   | Somewhat poorly drained | Moderately Rapid | Sandy, mixed, frigid Aquic Udifluvents                                 | predominantly loamy alluvium                                                  | flood plains                                                | No                          | No                       | 0.6   |

**Line 5 Wisconsin Segment Relocation Project  
Storm Water Pollution Prevention Plan**

**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                          | Component Name | Percent Slope |      | Surface Texture      | Drainage Class          | Permeability     | Taxonomic Classification                                          | Parent Material                                                               | Landforms                            | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres |
|-----------------|--------------------------------------------------------|----------------|---------------|------|----------------------|-------------------------|------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------|-----------------------------|--------------------------|-------|
|                 |                                                        |                | Low           | High |                      |                         |                  |                                                                   |                                                                               |                                      |                             |                          |       |
| 405A            | Lupton, Cathro, and Tawas soils, 0 to 1 percent slopes | Pelkie         | 0             | 4    | Loamy very fine sand | Moderately well drained | Rapid            | Mixed, frigid Oxyaquic Udipsammments                              | sandy alluvium                                                                | flood plains                         | No                          | No                       | 1.0   |
|                 |                                                        | Cathro         | 0             | 1    | Muck                 | Very poorly drained     | Moderately Rapid | Loamy, mixed, euic, frigid Terric Haplosaprists                   | herbaceous organic material 16 to 51 inches thick underlain by loamy deposits | depressions, disintegration moraines | No                          | Yes                      | 0.3   |
|                 |                                                        | Lupton         | 0             | 1    | Muck                 | Very poorly drained     | Moderately Rapid | Euic, frigid Typic Haplosaprists                                  | herbaceous and woody organic material more than 51 inches thick               | depressions, disintegration moraines | No                          | Yes                      | 0.4   |
|                 |                                                        | Tawas          | 0             | 1    | Muck                 | Very poorly drained     | Moderately Rapid | Sandy or sandy-skeletal, mixed, euic, frigid Terric Haplosaprists | herbaceous organic material 16 to 51 inches thick over sandy deposits         | depressions, disintegration moraines | No                          | Yes                      | 0.3   |
| 444B            | Gichigami-Oronto complex, 0 to 6 percent slopes        | Gichigami      | 0             | 6    | Silt loam            | Moderately well drained | Moderate         | Fine-silty, mixed, superactive, frigid Oxyaquic Glossudalfs       | silty and loamy till                                                          | N/A                                  | State                       | No                       | 2.2   |
|                 |                                                        | Oronto         | 0             | 3    | Silty clay loam      | Somewhat poorly drained | Moderately Slow  | Fine-silty, mixed, active, frigid Aeric Glossaqualfs              | silty and loamy till                                                          | till plains                          | State                       | No                       | 0.8   |
| 479A            | Lerch-Herbster complex, 0 to 3 percent slopes          | Herbster       | 0             | 3    | Silt loam            | Somewhat poorly drained | Moderate         | Fine, mixed, active, frigid Aeric Glossaqualfs                    | clayey till and underlying loamy and sandy stratified lacustrine deposits     | till plains                          | No                          | No                       | 0.5   |

**Line 5 Wisconsin Segment Relocation Project  
Storm Water Pollution Prevention Plan**

**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                    | Component Name | Percent Slope |      | Surface Texture | Drainage Class          | Permeability | Taxonomic Classification                                    | Parent Material                                                                                                               | Landforms                | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres |
|-----------------|--------------------------------------------------|----------------|---------------|------|-----------------|-------------------------|--------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------|--------------------------|-------|
|                 |                                                  |                | Low           | High |                 |                         |              |                                                             |                                                                                                                               |                          |                             |                          |       |
|                 |                                                  | Lerch          | 0             | 2    | Muck            | Poorly drained          | Rapid        | Very-fine, mixed, active, nonacid, frigid Vertic Epiaquepts | clayey till and/or clayey lacustrine deposits modified by wave action over loamy and/or sandy stratified lacustrine depositss | lake plains, till plains | No                          | Yes                      | 0.7   |
| 480B            | Portwing-Herbster complex, 0 to 6 percent slopes | Herbster       | 0             | 3    | Silt loam       | Somewhat poorly drained | Moderate     | Fine, mixed, active, frigid Aeric Glossaqualfs              | clayey till and underlying loamy and sandy stratified lacustrine deposits                                                     | till plains              | State                       | No                       | 20.6  |
|                 |                                                  | Portwing       | 2             | 6    | Silt loam       | Moderately well drained | Moderate     | Fine, mixed, active, frigid Oxyaquic Glossudalfs            | clayey till over underlying stratified loamy and sandy lacustrine deposits                                                    | till plains              | State                       | No                       | 34.4  |
| 481C            | Cornucopia silt loam, 6 to 15 percent slopes     | Cornucopia     | 6             | 15   | Silt loam       | Well drained            | Moderate     | Fine, mixed, active, frigid Haplic Glossudalfs              | clayey till and underlying stratified loamy and sandy lacustrine deposits                                                     | till plains              | No                          | No                       | 1.3   |
| 481E            | Cornucopia silt loam, 15 to 45 percent slopes    | Cornucopia     | 15            | 45   | Silt loam       | Well drained            | Moderate     | Fine, mixed, active, frigid Haplic Glossudalfs              | clayey till and underlying stratified loamy and sandy lacustrine deposits                                                     | till plains              | No                          | No                       | 4.2   |

**Line 5 Wisconsin Segment Relocation Project  
Storm Water Pollution Prevention Plan**

**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                         | Component Name | Percent Slope |      | Surface Texture  | Drainage Class      | Permeability     | Taxonomic Classification                                                                         | Parent Material                                                               | Landforms                                          | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres |
|-----------------|-------------------------------------------------------|----------------|---------------|------|------------------|---------------------|------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------|--------------------------|-------|
|                 |                                                       |                | Low           | High |                  |                     |                  |                                                                                                  |                                                                               |                                                    |                             |                          |       |
| 5141A           | Lupton-Pleine-Cathro complex, 0 to 1 percent slopes   | Cathro         | 0             | 1    | Muck             | Very poorly drained | Moderately Rapid | Loamy, mixed, euic, frigid Terric Haplosaprists                                                  | herbaceous organic material over loamy drift                                  | drainageways                                       | No                          | Yes                      | 0.8   |
|                 |                                                       | Lupton         | 0             | 1    | Muck             | Very poorly drained | Moderately Rapid | Euic, frigid Typic Haplosaprists                                                                 | highly decomposed woody organic material                                      | swamps, till plains                                | No                          | Yes                      | 3.3   |
|                 |                                                       | Pleine         | 0             | 1    | Very cobbly muck | Poorly drained      | Moderately Rapid | Coarse-loamy, mixed, superactive, nonacid, frigid Histic Humaquepts                              | coarse-loamy till                                                             | depressions                                        | No                          | Yes                      | 1.3   |
| 5170A           | Minocqua-Pleine-Cathro complex, 0 to 2 percent slopes | Cathro         | 0             | 1    | Muck             | Very poorly drained | Moderately Rapid | Loamy, mixed, euic, frigid Terric Haplosaprists                                                  | herbaceous organic material 16 to 51 inches thick underlain by loamy deposits | depressions, disintegration moraines, drainageways | No                          | Yes                      | 0.6   |
|                 |                                                       | Minocqua       | 0             | 2    | Muck             | Poorly drained      | Moderately Rapid | Coarse-loamy over sandy or sandy-skeletal, mixed, superactive, nonacid, frigid Typic Endoaquepts | silty and loamy alluvium underlain by sandy and gravelly outwash              | depressions, drainageways                          | No                          | Yes                      | 1.9   |
|                 |                                                       | Pleine         | 0             | 2    | Very cobbly muck | Poorly drained      | Rapid            | Coarse-loamy, mixed, superactive, nonacid, frigid Histic Humaquepts                              | loamy till                                                                    | depressions, drainageways, moraines                | No                          | Yes                      | 1.1   |

**Line 5 Wisconsin Segment Relocation Project  
Storm Water Pollution Prevention Plan**

**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                                               | Component Name | Percent Slope |      | Surface Texture                      | Drainage Class               | Permeability     | Taxonomic Classification                                   | Parent Material                                                                        | Landforms                                          | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres |
|-----------------|-----------------------------------------------------------------------------|----------------|---------------|------|--------------------------------------|------------------------------|------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------|--------------------------|-------|
|                 |                                                                             |                | Low           | High |                                      |                              |                  |                                                            |                                                                                        |                                                    |                             |                          |       |
| 5171B           | Tula-Wormet-Gogebic complex, 0 to 6 percent slopes, very stony              | Gogebic        | 2             | 6    | Slightly decomposed plant material   | Moderately well drained      | Moderately Rapid | Coarse-loamy, isotic, frigid Alfic Oxyaquic Fragiorthods   | modified loamy eolian deposits over loamy till over sandy till                         | till plains                                        | No                          | No                       | 1.0   |
|                 |                                                                             | Tula           | 0             | 4    | Highly decomposed plant material     | Somewhat poorly drained      | Rapid            | Coarse-loamy, mixed, superactive, frigid Argic Fragiaguods | modified loamy eolian material and underlying loamy till                               | end moraines, ground moraines                      | No                          | No                       | 3.9   |
|                 |                                                                             | Wormet         | 0             | 3    | Moderately decomposed plant material | Somewhat poorly drained      | Rapid            | Sandy, mixed, frigid Typic Endoaquods                      | loamy alluvium or eolian deposits and underlying stratified sandy and gravelly outwash | outwash terraces                                   | No                          | No                       | 1.0   |
| 5172B           | Gogebic, very stony-Pence, very stony-Cathro complex, 0 to 6 percent slopes | Cathro         | 0             | 1    | Muck                                 | Very poorly drained          | Moderately Rapid | Loamy, mixed, euic, frigid Terric Haplosaprists            | herbaceous organic material 16 to 51 inches thick underlain by loamy deposits          | depressions, disintegration moraines, drainageways | No                          | Yes                      | 8.7   |
|                 |                                                                             | Gogebic        | 2             | 6    | Slightly decomposed plant material   | Moderately well drained      | Moderately Rapid | Coarse-loamy, isotic, frigid Alfic Oxyaquic Fragiorthods   | modified loamy eolian deposits over loamy till over sandy till                         | till plains                                        | No                          | No                       | 34.9  |
|                 |                                                                             | Pence          | 0             | 6    | Moderately decomposed plant material | Somewhat excessively drained | Moderately Rapid | Sandy, isotic, frigid Typic Haploorthods                   | loamy alluvium underlain by sandy and gravelly glacial outwash                         | moraines                                           | No                          | No                       | 8.7   |

**Line 5 Wisconsin Segment Relocation Project  
Storm Water Pollution Prevention Plan**

**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                                                | Component Name | Percent Slope |      | Surface Texture                      | Drainage Class               | Permeability     | Taxonomic Classification                                            | Parent Material                                                               | Landforms                                          | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres |
|-----------------|------------------------------------------------------------------------------|----------------|---------------|------|--------------------------------------|------------------------------|------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------|--------------------------|-------|
|                 |                                                                              |                | Low           | High |                                      |                              |                  |                                                                     |                                                                               |                                                    |                             |                          |       |
| 5172C           | Gogebic, very stony-Pence, very stony-Cathro complex, 0 to 18 percent slopes | Cathro         | 0             | 1    | Muck                                 | Very poorly drained          | Moderately Rapid | Loamy, mixed, euic, frigid Terric Haplosaprists                     | herbaceous organic material 16 to 51 inches thick underlain by loamy deposits | depressions, disintegration moraines, drainageways | No                          | Yes                      | 2.8   |
|                 |                                                                              | Gogebic        | 6             | 18   | Slightly decomposed plant material   | Moderately well drained      | Moderately Rapid | Coarse-loamy, isotic, frigid Alfic Oxyaquic Fragiorthods            | modified loamy eolian deposits over loamy till over sandy till                | till plains                                        | No                          | No                       | 11.4  |
|                 |                                                                              | Pence          | 6             | 18   | Moderately decomposed plant material | Somewhat excessively drained | Moderately Rapid | Sandy, isotic, frigid Typic Haplorthods                             | loamy alluvium underlain by sandy and gravelly glacial outwash                | moraines                                           | No                          | No                       | 2.8   |
| 5173D           | Gogebic-Pence complex, 18 to 35 percent slopes, very stony                   | Gogebic        | 18            | 35   | Slightly decomposed plant material   | Moderately well drained      | Moderately Rapid | Coarse-loamy, isotic, frigid Alfic Oxyaquic Fragiorthods            | modified loamy eolian deposits over loamy till over sandy till                | till plains                                        | No                          | No                       | 2.6   |
|                 |                                                                              | Pence          | 18            | 35   | Moderately decomposed plant material | Somewhat excessively drained | Moderately Rapid | Sandy, isotic, frigid Typic Haplorthods                             | loamy alluvium underlain by sandy and gravelly glacial outwash                | moraines                                           | No                          | No                       | 1.3   |
| 517B            | Annalake fine sandy loam, lake terrace, 2 to 6 percent slopes                | Annalake       | 2             | 6    | Fine sand loam                       | Moderately well drained      | Moderate         | Coarse-loamy, mixed, superactive, frigid Alfic Oxyaquic Haplorthods | stratified sandy and loamy glaciofluvial and glaciolacustrine deposits        | lake terraces                                      | 1                           | No                       | 0.2   |

**Line 5 Wisconsin Segment Relocation Project  
Storm Water Pollution Prevention Plan**

**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                                  | Component Name | Percent Slope |      | Surface Texture                      | Drainage Class          | Permeability     | Taxonomic Classification                                            | Parent Material                                                                      | Landforms                                                    | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres |
|-----------------|----------------------------------------------------------------|----------------|---------------|------|--------------------------------------|-------------------------|------------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------|--------------------------|-------|
|                 |                                                                |                | Low           | High |                                      |                         |                  |                                                                     |                                                                                      |                                                              |                             |                          |       |
| 517C            | Annalake fine sandy loam, lake terrace, 6 to 15 percent slopes | Annalake       | 6             | 15   | Fine sand loam                       | Moderately well drained | Moderate         | Coarse-loamy, mixed, superactive, frigid Alfic Oxyaquic Haplorthods | stratified sandy and loamy glaciofluvial and glaciolacustrine deposits               | lake terraces                                                | State                       | No                       | <0.1  |
| 526A            | Flink sand, 0 to 3 percent slopes                              | Flink          | 0             | 3    | Moderately decomposed plant material | Somewhat poorly drained | Rapid            | Sandy, mixed, frigid Typic Epiaquods                                | sandy outwash underlain by stratified silty, loamy, and sandy glaciofluvial deposits | lake plains, lake terraces, outwash plains, outwash terraces | No                          | No                       | 3.9   |
| 5351B           | Gogebic silt loam, 2 to 6 percent slopes, very stony, rocky    | Gogebic        | 1             | 6    | Slightly decomposed plant material   | Moderately well drained | Rapid            | Coarse-loamy, isotic, frigid Alfic Oxyaquic Fragiorthods            | modified loamy eolian deposits over loamy till                                       | till plains                                                  | No                          | No                       | 40.5  |
| 5351C           | Gogebic silt loam, 6 to 18 percent slopes, very stony, rocky   | Gogebic        | 6             | 18   | Slightly decomposed plant material   | Moderately well drained | Rapid            | Coarse-loamy, isotic, frigid Alfic Oxyaquic Fragiorthods            | modified loamy eolian deposits over loamy till                                       | till plains                                                  | No                          | No                       | 95.9  |
| 5351D           | Gogebic silt loam, 18 to 35 percent slopes, very stony, rocky  | Gogebic        | 18            | 35   | Slightly decomposed plant material   | Moderately well drained | Rapid            | Coarse-loamy, isotic, frigid Alfic Oxyaquic Fragiorthods            | modified loamy eolian deposits over loamy till                                       | till plains                                                  | No                          | No                       | 17.5  |
| 5353B           | Tula-Gogebic complex, 0 to 6 percent slopes, stony             | Gogebic        | 1             | 6    | Slightly decomposed plant material   | Moderately well drained | Moderately Rapid | Coarse-loamy, isotic, frigid Alfic Oxyaquic Fragiorthods            | modified loamy eolian deposits over loamy till                                       | till plains                                                  | 4                           | No                       | 7.2   |
|                 |                                                                | Tula           | 0             | 2    | Highly decomposed plant material     | Somewhat poorly drained | Rapid            | Coarse-loamy, mixed, superactive, frigid Argic Fragiaquods          | modified loamy eolian deposits over loamy till                                       | N/A                                                          | 4                           | No                       | 8.1   |

**Line 5 Wisconsin Segment Relocation Project  
Storm Water Pollution Prevention Plan**

**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                                                            | Component Name | Percent Slope |      | Surface Texture                             | Drainage Class          | Permeability     | Taxonomic Classification                                                                   | Parent Material                                                                             | Landforms          | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres |
|-----------------|------------------------------------------------------------------------------------------|----------------|---------------|------|---------------------------------------------|-------------------------|------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------|-----------------------------|--------------------------|-------|
|                 |                                                                                          |                | Low           | High |                                             |                         |                  |                                                                                            |                                                                                             |                    |                             |                          |       |
| 5354B           | Gogebic fine sandy loam, 1 to 6 percent slopes, very stony, rocky                        | Gogebic        | 1             | 6    | Slightly decomposed plant material          | Moderately well drained | Moderately Rapid | Coarse-loamy, isotic, frigid Alfic Oxyaquic Fragiorthods                                   | modified loamy eolian deposits over loamy till                                              | till plains        | No                          | No                       | 11.9  |
| 5369D           | Dishno-Gogebic-Peshekee-Rock outcrop complex, 18 to 35 percent slopes, very stony        | Dishno         | 18            | 35   | Moderately decomposed plant material        | Moderately well drained | Moderately Rapid | Coarse-loamy over sandy or sandy-skeletal, mixed, superactive, frigid Oxyaquic Haplorthods | silty or loamy eolian deposits over sandy and gravelly till over basalt and/or conglomerate | moraines           | No                          | No                       | 0.2   |
|                 |                                                                                          | Gogebic        | 18            | 35   | Slightly decomposed plant material          | Moderately well drained | Rapid            | Coarse-loamy, isotic, frigid Alfic Oxyaquic Fragiorthods                                   | modified loamy eolian deposits over loamy till                                              | till plains        | No                          | No                       | 0.2   |
|                 |                                                                                          | Peshekee       | 18            | 35   | Cobbly moderately decomposed plant material | Well drained            | Moderately Rapid | Loamy, mixed, semiactive, frigid Lithic Haplorthods                                        | coarse-loamy till                                                                           | moraines           | No                          | No                       | 0.1   |
|                 |                                                                                          | Rock outcrop   | 18            | 35   | N/A                                         | N/A                     | N/A              | N/A                                                                                        | N/A                                                                                         | knolls             | No                          | N/A                      | 0.1   |
|                 |                                                                                          |                |               |      |                                             |                         |                  |                                                                                            |                                                                                             |                    |                             |                          |       |
| 5369E           | Michigamme-Schweitzer-Peshekee-Rock outcrop complex, 35 to 55 percent slopes, very stony | Michigamme     | 35            | 55   | Slightly decomposed plant material          | Well drained            | Rapid            | Coarse-loamy, mixed, superactive, frigid Fragic Haplorthods                                | coarse-loamy till                                                                           | hills, till plains | No                          | No                       | 1.6   |
|                 |                                                                                          | Peshekee       | 35            | 55   | Cobbly moderately decomposed plant material | Well drained            | Moderately Rapid | Loamy, mixed, semiactive, frigid Lithic Haplorthods                                        | coarse-loamy till                                                                           | moraines           | No                          | No                       | 1.1   |
|                 |                                                                                          | Rock outcrop   | 35            | 55   | N/A                                         | N/A                     | N/A              | N/A                                                                                        | N/A                                                                                         | knolls             | No                          | N/A                      | 0.8   |

**Line 5 Wisconsin Segment Relocation Project  
Storm Water Pollution Prevention Plan**

**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                                                            | Component Name | Percent Slope |      | Surface Texture                             | Drainage Class      | Permeability     | Taxonomic Classification                                            | Parent Material                                                              | Landforms          | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres |
|-----------------|------------------------------------------------------------------------------------------|----------------|---------------|------|---------------------------------------------|---------------------|------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------|-----------------------------|--------------------------|-------|
|                 |                                                                                          |                | Low           | High |                                             |                     |                  |                                                                     |                                                                              |                    |                             |                          |       |
| 5369F           | Michigamme-Schweitzer-Peshekee-Rock outcrop complex, 55 to 75 percent slopes, very stony | Schweitzer     | 35            | 55   | Cobbly very fine sand loam                  | Well drained        | Moderate         | Coarse-loamy, mixed, superactive, frigid Alfic Fragiorthods         | modified loamy eolian deposits over cobbly and gravelly loamy and sandy till | hills              | No                          | No                       | 1.4   |
|                 |                                                                                          | Michigamme     | 55            | 75   | Slightly decomposed plant material          | Well drained        | Rapid            | Coarse-loamy, mixed, superactive, frigid Fragic Haplorthods         | coarse-loamy till                                                            | hills, till plains | No                          | No                       | 0.4   |
|                 |                                                                                          | Peshekee       | 55            | 75   | Cobbly moderately decomposed plant material | Well drained        | Moderately Rapid | Loamy, mixed, semiactive, frigid Lithic Haplorthods                 | coarse-loamy till                                                            | moraines           | No                          | No                       | 0.3   |
|                 |                                                                                          | Rock outcrop   | 55            | 75   | N/A                                         | N/A                 | N/A              | N/A                                                                 | N/A                                                                          | knolls             | No                          | N/A                      | 0.2   |
| 5373A           | Cathro muck, drainageway, 0 to 1 percent slopes                                          | Schweitzer     | 55            | 75   | Cobbly very fine sand loam                  | Well drained        | Moderate         | Coarse-loamy, mixed, superactive, frigid Alfic Fragiorthods         | modified loamy eolian deposits over cobbly and gravelly loamy and sandy till | hills              | No                          | No                       | 0.3   |
|                 |                                                                                          | Cathro         | 0             | 1    | Muck                                        | Very poorly drained | Moderately Rapid | Loamy, mixed, euic, frigid Terric Haplosaprists                     | herbaceous organic material over loamy drift                                 | drainageways       | No                          | Yes                      | 2.8   |
|                 |                                                                                          | Arnheim        | 0             | 1    | Mucky silt loam                             | Poorly drained      | Moderate         | Coarse-loamy, mixed, superactive, nonacid, frigid Typic Fluvaquents | loamy alluvium                                                               | flood plains       | No                          | Yes                      | 0.4   |

**Line 5 Wisconsin Segment Relocation Project  
Storm Water Pollution Prevention Plan**

**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                                     | Component Name | Percent Slope |      | Surface Texture                    | Drainage Class          | Permeability     | Taxonomic Classification                                             | Parent Material                                            | Landforms                           | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres |
|-----------------|-------------------------------------------------------------------|----------------|---------------|------|------------------------------------|-------------------------|------------------|----------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------|-----------------------------|--------------------------|-------|
|                 |                                                                   |                | Low           | High |                                    |                         |                  |                                                                      |                                                            |                                     |                             |                          |       |
| 5425A           | Foxpaw-Gay, stony complex, 0 to 2 percent slopes                  | Bowstring      | 0             | 1    | Muck                               | Very poorly drained     | Moderately Rapid | Euic, frigid Fluvaquentic Haplosaprists                              | organic material over sandy alluvium and/or loamy alluvium | flood plains                        | No                          | Yes                      | 0.5   |
|                 |                                                                   | Foxpaw         | 0             | 1    | Slightly decomposed plant material | Poorly drained          | Moderately Rapid | Coarse-loamy, isotic, frigid Typic Endoaquods                        | coarse-loamy till                                          | depressions, drainageways, moraines | No                          | Yes                      | 0.6   |
|                 |                                                                   | Gay            | 0             | 2    | Mucky peat                         | Poorly drained          | Moderately Rapid | Coarse-loamy, mixed, active, nonacid, frigid Aeric Endoaquepts       | coarse-loamy till                                          | depressions, moraines               | No                          | Yes                      | 0.6   |
| 548A            | Pickford-Badriver complex, 0 to 3 percent slopes                  | Badriver       | 0             | 3    | Clay loam                          | Somewhat poorly drained | Moderate         | Fine, mixed, active, frigid Aeric Glossaqualfs                       | clayey till                                                | till plains                         | No                          | No                       | 3.1   |
|                 |                                                                   | Pickford       | 0             | 2    | Muck                               | Poorly drained          | Rapid            | Fine, mixed, active, nonacid, frigid Aeric Epiaquepts                | clayey till or lacustrine material                         | depressions, lake plains, moraines  | No                          | Yes                      | 4.4   |
| 5504A           | Moquah-Arnheim complex, 0 to 3 percent slopes, frequently flooded | Arnheim        | 0             | 1    | Mucky silt loam                    | Poorly drained          | Moderate         | Coarse-loamy, mixed, superactive, nonacid, frigid Typic Fluvaquents  | loamy alluvium                                             | flood plains                        | No                          | Yes                      | 0.9   |
|                 |                                                                   | Moquah         | 0             | 3    | Loam                               | Moderately well drained | Moderate         | Coarse-loamy, mixed, superactive, nonacid, frigid Typic Udifluvents  | coarse-loamy alluvium                                      | flood plains                        | No                          | No                       | 1.7   |
| 5519B           | Pence-Gogebic complex, 2 to 6 percent slopes, stony               | Gogebic        | 2             | 6    | Slightly decomposed plant material | Moderately well drained | Rapid            | Coarse-loamy, mixed, superactive, frigid Alfic Oxyaquic Fragiorthods | modified loamy eolian deposits and underlying loamy till   | end moraines                        | No                          | No                       | 4.9   |

**Line 5 Wisconsin Segment Relocation Project  
Storm Water Pollution Prevention Plan**

**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                        | Component Name | Percent Slope |      | Surface Texture                      | Drainage Class               | Permeability     | Taxonomic Classification                                                                   | Parent Material                                                                    | Landforms                                              | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres |
|-----------------|------------------------------------------------------|----------------|---------------|------|--------------------------------------|------------------------------|------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------|--------------------------|-------|
|                 |                                                      |                | Low           | High |                                      |                              |                  |                                                                                            |                                                                                    |                                                        |                             |                          |       |
|                 |                                                      | Pence          | 0             | 6    | Sandy loam                           | Somewhat excessively drained | Moderately Rapid | Sandy, isotic, frigid Typic Haplorthods                                                    | loamy alluvium underlain by sandy and gravelly glacial outwash                     | moraines                                               | No                          | No                       | 11.6  |
| 5519C           | Pence-Gogebic complex, 6 to 18 percent slopes, stony | Gogebic        | 6             | 18   | Slightly decomposed plant material   | Moderately well drained      | Rapid            | Coarse-loamy, mixed, superactive, frigid Alfic Oxyaquic Fragiorthods                       | modified loamy eolian deposits and underlying loamy till                           | end moraines                                           | No                          | No                       | 1.5   |
|                 |                                                      | Pence          | 6             | 18   | Sandy loam                           | Somewhat excessively drained | Moderately Rapid | Sandy, isotic, frigid Typic Haplorthods                                                    | loamy alluvium underlain by sandy and gravelly glacial outwash                     | moraines                                               | No                          | No                       | 3.6   |
| 5527C           | Wakefield loam, 6 to 18 percent slopes, stony        | Wakefield      | 6             | 18   | Slightly decomposed plant material   | Moderately well drained      | Rapid            | Coarse-loamy, isotic, frigid Alfic Oxyaquic Fragiorthods                                   | loamy eolian deposits over coarse-loamy till                                       | till plains                                            | No                          | No                       | 3.8   |
| 5543B           | Chabeneau-Annalake complex, 0 to 6 percent slopes    | Annalake       | 1             | 6    | Very fine sand loam                  | Moderately well drained      | Moderate         | Coarse-loamy, mixed, superactive, frigid Alfic Oxyaquic Haplorthods                        | coarse-loamy glaciofluvial deposits                                                | lake plains, moraines, outwash plains, stream terraces | 4                           | No                       | 10.2  |
|                 |                                                      | Chabeneau      | 0             | 3    | Moderately decomposed plant material | Moderately well drained      | Moderately Rapid | Coarse-loamy over sandy or sandy-skeletal, mixed, superactive, frigid Oxyaquic Haplorthods | coarse-loamy glaciofluvial deposits over sandy and gravelly glaciofluvial deposits | lake plains, moraines, outwash plains, stream terraces | 4                           | No                       | 12.7  |

**Line 5 Wisconsin Segment Relocation Project  
Storm Water Pollution Prevention Plan**

**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                                    | Component Name | Percent Slope |      | Surface Texture                      | Drainage Class          | Permeability     | Taxonomic Classification                                                                   | Parent Material                                                                    | Landforms                                              | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres |
|-----------------|------------------------------------------------------------------|----------------|---------------|------|--------------------------------------|-------------------------|------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------|--------------------------|-------|
|                 |                                                                  |                | Low           | High |                                      |                         |                  |                                                                                            |                                                                                    |                                                        |                             |                          |       |
| 5684B           | Amasa cobbly fine sandy loam, 1 to 6 percent slopes              | Amasa          | 1             | 6    | Moderately decomposed plant material | Well drained            | Moderately Rapid | Coarse-loamy over sandy or sandy-skeletal, mixed, superactive, frigid Typic Haplorthods    | coarse-loamy glaciofluvial deposits over sandy and gravelly glaciofluvial deposits | eskers                                                 | No                          | No                       | 4.2   |
| 5684C           | Amasa cobbly fine sandy loam, 6 to 18 percent slopes             | Amasa          | 6             | 18   | Moderately decomposed plant material | Well drained            | Moderately Rapid | Coarse-loamy over sandy or sandy-skeletal, mixed, superactive, frigid Typic Haplorthods    | coarse-loamy glaciofluvial deposits over sandy and gravelly glaciofluvial deposits | lake plains, moraines, outwash plains, stream terraces | No                          | No                       | 1.0   |
| 5684D           | Amasa cobbly fine sandy loam, 18 to 35 percent slopes            | Amasa          | 18            | 35   | Moderately decomposed plant material | Well drained            | Moderately Rapid | Coarse-loamy over sandy or sandy-skeletal, mixed, superactive, frigid Typic Haplorthods    | coarse-loamy glaciofluvial deposits over sandy and gravelly glaciofluvial deposits | kames, moraines, outwash plains, stream terraces       | No                          | No                       | 0.3   |
| 5689B           | Chabeneau-Channing-Gogebic complex, 0 to 6 percent slopes, stony | Chabeneau      | 0             | 3    | Moderately decomposed plant material | Moderately well drained | Moderately Rapid | Coarse-loamy over sandy or sandy-skeletal, mixed, superactive, frigid Oxyaquic Haplorthods | coarse-loamy glaciofluvial deposits over sandy and gravelly glaciofluvial deposits | eskers, outwash plains, stream terraces                | No                          | No                       | 4.3   |
|                 |                                                                  | Channing       | 0             | 3    | Slightly decomposed plant material   | Somewhat poorly drained | Moderately Rapid | Coarse-loamy over sandy or sandy-skeletal, mixed, superactive, frigid Typic Endoaquods     | coarse-loamy glaciofluvial deposits over sandy and gravelly glaciofluvial deposits | moraines, outwash plains, stream terraces              | No                          | No                       | 3.7   |
|                 |                                                                  | Gogebic        | 1             | 6    | Slightly decomposed plant material   | Moderately well drained | Moderately Rapid | Coarse-loamy, isotic, frigid Alfic Oxyaquic Fragiorthods                                   | modified loamy eolian deposits over loamy till                                     | till plains                                            | No                          | No                       | 3.1   |

**Line 5 Wisconsin Segment Relocation Project  
Storm Water Pollution Prevention Plan**

**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                                      | Component Name | Percent Slope |      | Surface Texture                      | Drainage Class              | Permeability     | Taxonomic Classification                                            | Parent Material                                                                                 | Landforms                                                    | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres       |
|-----------------|--------------------------------------------------------------------|----------------|---------------|------|--------------------------------------|-----------------------------|------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------|--------------------------|-------------|
|                 |                                                                    |                | Low           | High |                                      |                             |                  |                                                                     |                                                                                                 |                                                              |                             |                          |             |
| 574B            | Sayner loamy sand, 0 to 6 percent slopes                           | Sayner         | 0             | 6    | Loam Sand                            | Excessivel<br>y drained     | Moderately Rapid | Sandy, mixed, frigid Entic Haplorthods                              | statified sandy and gravelly outwash                                                            | eskers, outwash plains, outwash terraces                     | No                          | No                       | 7.0         |
| 580B            | Sanborg-Badriver complex, 0 to 6 percent slopes                    | Badriver       | 0             | 3    | Clay loam                            | Somewhat poorly drained     | Moderate         | Fine, mixed, active, frigid Aeric Glossaqualfs                      | clayey till                                                                                     | till plains                                                  | State                       | No                       | <b>58.8</b> |
|                 |                                                                    | Sanborg        | 0             | 6    | Silt loam                            | Moderatel<br>y well drained | Moderate         | Fine, mixed, active, frigid Oxyaquic Glossudalfs                    | clayey till                                                                                     | till plains                                                  | State                       | No                       | <b>97.9</b> |
| 5A              | Arnheim mucky silt loam, 0 to 1 percent slopes, frequently flooded | Arnheim        | 0             | 1    | Mucky silt loam                      | Poorly drained              | Moderately Rapid | Coarse-loamy, mixed, superactive, nonacid, frigid Typic Fluvaquents | loamy alluvium                                                                                  | flood plains                                                 | No                          | Yes                      | 0.9         |
| 674B            | Sultz sand, 0 to 6 percent slopes                                  | Sultz          | 0             | 6    | Highly decompose<br>d plant material | Well drained                | Rapid            | Sandy, mixed, frigid Entic Haplorthods                              | sandy outwash underlain by stratified loamy, or loamy and sandy alluvium or lacustrine deposits | lake terraces                                                | No                          | No                       | 21.1        |
| 674C            | Sultz sand, 6 to 15 percent slopes                                 | Sultz          | 6             | 15   | Highly decompose<br>d plant material | Well drained                | Rapid            | Sandy, mixed, frigid Entic Haplorthods                              | sandy outwash underlain by stratified loamy, or loamy and sandy alluvium or lacustrine deposits | lake plains, lake terraces, outwash plains, outwash terraces | No                          | No                       | 4.2         |

**Line 5 Wisconsin Segment Relocation Project  
Storm Water Pollution Prevention Plan**

**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                                     | Component Name | Percent Slope |      | Surface Texture | Drainage Class          | Permeability | Taxonomic Classification                                            | Parent Material                                                                      | Landforms                                                   | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres |
|-----------------|-------------------------------------------------------------------|----------------|---------------|------|-----------------|-------------------------|--------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------|--------------------------|-------|
|                 |                                                                   |                | Low           | High |                 |                         |              |                                                                     |                                                                                      |                                                             |                             |                          |       |
| 6A              | Moquah fine sandy loam, 0 to 3 percent slopes, frequently flooded | Moquah         | 0             | 3    | Fine sand loam  | Moderately well drained | Moderate     | Coarse-loamy, mixed, superactive, nonacid, frigid Typic Udifluvents | loamy alluvium                                                                       | flood plains                                                | No                          | No                       | 1.3   |
| 705B            | Cublake-Croswell-Ashwabay complex, 0 to 6 percent slopes          | Ashwabay       | 0             | 6    | Loam Sand       | Moderately well drained | Rapid        | Sandy, isotic, frigid Alfic Oxyaquic Haplorthods                    | sandy outwash or beach deposits underlain by clayey till or lacustrine deposits      | ground moraines, lake plains, outwash plains                | No                          | No                       | 7.6   |
|                 |                                                                   | Croswell       | 0             | 6    | Sand            | Moderately well drained | Rapid        | Sandy, mixed, frigid Oxyaquic Haplorthods                           | sandy glacial drift                                                                  | lake plains, lake terraces, outwash plains, stream terraces | No                          | No                       | 7.6   |
|                 |                                                                   | Cublake        | 0             | 6    | Sand            | Moderately well drained | Rapid        | Sandy, mixed, frigid Oxyaquic Haplorthods                           | sandy outwash underlain by stratified silty, loamy, and sandy glaciofluvial deposits | N/A                                                         | No                          | No                       | 13.4  |
| 713B            | Kellogg-Allendale-Ashwabay complex, 2 to 6 percent slopes         | Allendale      | 2             | 6    | Loamy fine sand | Somewhat poorly drained | Rapid        | Sandy over clayey, mixed, semiactive, frigid Alfic Epiaquods        | sandy sediments and underlying clayey lacustrine or till deposits                    | ground moraines, lake plains, lake terraces, outwash plains | No                          | No                       | 20.7  |
|                 |                                                                   | Ashwabay       | 2             | 6    | Loam Sand       | Moderately well drained | Rapid        | Sandy, isotic, frigid Alfic Oxyaquic Haplorthods                    | sandy outwash or beach deposits underlain by clayey till or lacustrine deposits      | ground moraines, lake plains, outwash plains                | No                          | No                       | 16.5  |

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**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                              | Component Name | Percent Slope |      | Surface Texture                      | Drainage Class          | Permeability | Taxonomic Classification                                            | Parent Material                                                                 | Landforms                                                   | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres |
|-----------------|------------------------------------------------------------|----------------|---------------|------|--------------------------------------|-------------------------|--------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------|--------------------------|-------|
|                 |                                                            |                | Low           | High |                                      |                         |              |                                                                     |                                                                                 |                                                             |                             |                          |       |
| 713C            | Kellogg-Allendale-Ashwabay complex, 0 to 15 percent slopes | Kellogg        | 2             | 6    | Moderately decomposed plant material | Moderately well drained | Rapid        | Sandy over clayey, mixed, active, frigid Alfic Oxyaquic Haplorthods | sandy lacustrine or outwash sediments and underlying clayey lacustrine deposits | lake plains                                                 | No                          | No                       | 29.0  |
|                 |                                                            | Allendale      | 6             | 12   | Loamy fine sand                      | Somewhat poorly drained | Rapid        | Sandy over clayey, mixed, semiactive, frigid Alfic Epiaquods        | sandy sediments and underlying clayey lacustrine or till deposits               | ground moraines, lake plains, lake terraces, outwash plains | No                          | No                       | 3.3   |
|                 |                                                            | Ashwabay       | 6             | 15   | Loam Sand                            | Moderately well drained | Rapid        | Sandy, isotic, frigid Alfic Oxyaquic Haplorthods                    | sandy outwash or beach deposits underlain by clayey till or lacustrine deposits | ground moraines, lake plains, outwash plains                | No                          | No                       | 2.6   |
|                 |                                                            | Kellogg        | 6             | 15   | Moderately decomposed plant material | Moderately well drained | Rapid        | Sandy over clayey, mixed, active, frigid Alfic Oxyaquic Haplorthods | sandy lacustrine or outwash sediments and underlying clayey lacustrine deposits | lake plains                                                 | No                          | No                       | 5.3   |
| 74B             | Vilas loamy sand, 0 to 6 percent slopes                    | Vilas          | 0             | 6    | Loam Sand                            | Excessively drained     | Rapid        | Sandy, isotic, frigid Entic Haplorthods                             | sandy outwash                                                                   | outwash plains, outwash terraces                            | No                          | No                       | 0.2   |
| 756B            | Superior-Sedgwick complex, 0 to 6 percent slopes           | Sedgwick       | 0             | 3    | Loam Sand                            | Somewhat poorly drained | Moderate     | Coarse-loamy over clayey, mixed, active, frigid Alfic Epiaquods     | loamy alluvium and underlying clayey till                                       | till plains                                                 | State                       | No                       | 5.6   |

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**Soil Characteristics Crossed by Project – Revised June 2021**

| Map Unit Symbol | Map Unit Name                                                            | Component Name | Percent Slope |      | Surface Texture                    | Drainage Class          | Permeability | Taxonomic Classification                                                   | Parent Material                                                                                 | Landforms                                                    | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres |
|-----------------|--------------------------------------------------------------------------|----------------|---------------|------|------------------------------------|-------------------------|--------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------|--------------------------|-------|
|                 |                                                                          |                | Low           | High |                                    |                         |              |                                                                            |                                                                                                 |                                                              |                             |                          |       |
| 805E            | Sultz-Ashwabay-Rubicon complex, 15 to 45 percent slopes                  | Superior       | 2             | 6    | Fine sand loam                     | Moderately well drained | Moderate     | Coarse-loamy over clayey, mixed, active, frigid Alfic Oxyaquic Haplorthods | loamy water-laid deposits and underlying clayey lacustrine deposits                             | lake plains                                                  | State                       | No                       | 9.3   |
|                 |                                                                          | Ashwabay       | 15            | 30   | Loam Sand                          | Moderately well drained | Rapid        | Sandy, isotic, frigid Alfic Oxyaquic Haplorthods                           | sandy outwash or beach deposits underlain by clayey till or lacustrine deposits                 | ground moraines, lake plains, outwash plains                 | No                          | No                       | 0.5   |
|                 |                                                                          | Rubicon        | 15            | 45   | Sand                               | Excessively drained     | Rapid        | Sandy, mixed, frigid Entic Haplorthods                                     | sandy deposits                                                                                  | outwash plains                                               | No                          | No                       | 0.4   |
|                 |                                                                          | Sultz          | 15            | 45   | Highly decomposed plant material   | Well drained            | Rapid        | Sandy, mixed, frigid Entic Haplorthods                                     | sandy outwash underlain by stratified loamy, or loamy and sandy alluvium or lacustrine deposits | lake plains, lake terraces, outwash plains, outwash terraces | No                          | No                       | 0.7   |
| 809C            | Gogebic-Metonga-Rock outcrop complex, 6 to 18 percent slopes, very stony | Gogebic        | 6             | 18   | Slightly decomposed plant material | Moderately well drained | Rapid        | Coarse-loamy, isotic, frigid Alfic Oxyaquic Fragiorthods                   | modified loamy eolian deposits and underlying loamy till                                        | end moraines                                                 | No                          | No                       | 14.4  |
|                 |                                                                          | Metonga        | 6             | 18   | Silt loam                          | Well drained            | Moderate     | Coarse-loamy, mixed, superactive, frigid Entic Haplorthods                 | N/A                                                                                             | N/A                                                          | No                          | No                       | 10.8  |

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| Map<br>Unit<br>Symbol | Map Unit<br>Name                                                                             | Component<br>Name | Percent Slope |      | Surface<br>Texture                             | Drainage<br>Class              | Permeability | Taxonomic<br>Classification                                                     | Parent<br>Material                                                                                      | Landforms                                                | Prime<br>Farmland <sup>a</sup> | Hydric<br>Soil <sup>a</sup> | Acres |
|-----------------------|----------------------------------------------------------------------------------------------|-------------------|---------------|------|------------------------------------------------|--------------------------------|--------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------|-----------------------------|-------|
|                       |                                                                                              |                   | Low           | High |                                                |                                |              |                                                                                 |                                                                                                         |                                                          |                                |                             |       |
| 809D                  | Gogebic-<br>Metonga-Rock<br>outcrop<br>complex, 10 to<br>35 percent<br>slopes, very<br>stony | Rock<br>outcrop   | N/A           | N/A  | N/A                                            | N/A                            | N/A          | N/A                                                                             | N/A                                                                                                     | moraines                                                 | No                             | No                          | 7.2   |
|                       |                                                                                              | Gogebic           | 10            | 35   | Slightly<br>decompose<br>d plant<br>material   | Moderatel<br>y well<br>drained | Rapid        | Coarse-loamy,<br>isotic, frigid Alfic<br>Oxyaquic<br>Fragiorthods               | modified<br>loamy eolian<br>deposits and<br>underlying<br>loamy till                                    | end moraines                                             | No                             | No                          | 0.9   |
|                       |                                                                                              | Metonga           | 10            | 35   | Silt loam                                      | Well<br>drained                | Moderate     | Coarse-loamy,<br>mixed,<br>superactive,<br>frigid Entic<br>Haplorthods          | N/A                                                                                                     | N/A                                                      | No                             | No                          | 0.7   |
| 813E                  | Manistee-<br>Kellogg-<br>Ashwabay<br>complex, 15 to<br>45 percent<br>slopes                  | Rock<br>outcrop   | N/A           | N/A  | N/A                                            | N/A                            | N/A          | N/A                                                                             | N/A                                                                                                     | moraines                                                 | No                             | No                          | 0.5   |
|                       |                                                                                              | Ashwabay          | 15            | 45   | Loam Sand                                      | Moderatel<br>y well<br>drained | Rapid        | Sandy, isotic,<br>frigid Alfic<br>Oxyaquic<br>Haplorthods                       | sandy<br>outwash or<br>beach<br>deposits<br>underlain by<br>clayey till or<br>lacustrine<br>deposits    | ground<br>moraines,<br>lake plains,<br>outwash<br>plains | No                             | No                          | 0.1   |
|                       |                                                                                              | Kellogg           | 15            | 30   | Moderately<br>decompose<br>d plant<br>material | Moderatel<br>y well<br>drained | Rapid        | Sandy over<br>clayey, mixed,<br>active, frigid Alfic<br>Oxyaquic<br>Haplorthods | sandy<br>lacustrine or<br>outwash<br>sediments<br>and<br>underlying<br>clayey<br>lacustrine<br>deposits | lake terraces                                            | No                             | No                          | 0.1   |
|                       |                                                                                              | Manistee          | 15            | 45   | Sand                                           | Well<br>drained                | Rapid        | Sandy over<br>clayey, mixed,<br>active, frigid Alfic<br>Haplorthods             | sandy<br>lacustrine and<br>outwash<br>sediments<br>underlain by<br>clayey<br>lacustrine<br>deposits     | lake plains                                              | No                             | No                          | 0.1   |

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| Map Unit Symbol                                                                                                                                                                                                                                                                          | Map Unit Name                                                | Component Name | Percent Slope |      | Surface Texture                      | Drainage Class          | Permeability     | Taxonomic Classification              | Parent Material                                            | Landforms             | Prime Farmland <sup>a</sup> | Hydric Soil <sup>a</sup> | Acres |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|---------------|------|--------------------------------------|-------------------------|------------------|---------------------------------------|------------------------------------------------------------|-----------------------|-----------------------------|--------------------------|-------|
|                                                                                                                                                                                                                                                                                          |                                                              |                | Low           | High |                                      |                         |                  |                                       |                                                            |                       |                             |                          |       |
| 815A                                                                                                                                                                                                                                                                                     | Wormet sandy loam, 0 to 3 percent slopes                     | Wormet         | 0             | 3    | Moderately decomposed plant material | Somewhat poorly drained | Moderately Rapid | Sandy, mixed, frigid Typic Endoaquods | loamy glaciofluvial deposits over stratified sandy outwash | flats, outwash plains | No                          | No                       | 9.9   |
| 92F                                                                                                                                                                                                                                                                                      | Udorthents, ravines and escarpments, 25 to 60 percent slopes | Udorthents     | 25            | 60   | N/A                                  | N/A                     | N/A              | Udorthents                            | N/A                                                        | N/A                   | No                          | No                       | 7.7   |
| W                                                                                                                                                                                                                                                                                        | Water                                                        | Water          | N/A           | N/A  | N/A                                  | N/A                     | N/A              | N/A                                   | N/A                                                        | N/A                   | No                          | N/A                      | 0.2   |
| N/A = Not Applicable<br><sup>a</sup> As designated by the Natural Resources Conservation Service. Prime = prime farmland; State = farmland of statewide importance. Prime farmland includes land that is considered prime farmland if limiting factor is mitigated for (e.g., flooding). |                                                              |                |               |      |                                      |                         |                  |                                       |                                                            |                       |                             |                          |       |

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**Field Delineated and Desktop Mapped Wetlands and Waterbodies Crossed or Affected by the Project Facilities**

*Updated June 4, 2021*

| <b>Feature ID <sup>a</sup></b> | <b>Feature Type</b> | <b>Data Collected (Year)</b> | <b>County</b> | <b>Milepost</b> | <b>Project Component Name/Location</b> | <b>Proposed Pipeline Crossing Method <sup>b</sup></b> | <b>Flow Regime</b> | <b>USGS Name</b>      | <b>ORW/ERW <sup>c</sup></b> | <b>Agency Classification</b> | <b>Bridge <sup>d</sup></b> |
|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|-----------------------|-----------------------------|------------------------------|----------------------------|
| wasd1041e                      | Wetland             | 2020                         | Ashland       | 0.08            | Pipeyard                               | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wasd1040e                      | Wetland             | 2020                         | Ashland       | 0.08            | Pipeyard                               | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | Yes                        |
| wase013f                       | Wetland             | 2019                         | Ashland       | 0.28            | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wase013f                       | Wetland             | 2019                         | Ashland       | 0.35            | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wase016e                       | Wetland             | 2019, 2020                   | Ashland       | 0.43            | Mainline ROW                           | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| sasa1008e                      | Stream              | 2020                         | Ashland       | 0.59            | Mainline ROW                           | N/A                                                   | Ephemeral          | UNT of Bay City Creek | --                          | --                           | Yes                        |
| was1008s                       | Wetland             | 2020                         | Ashland       | 0.59            | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| sase006p                       | Stream              | 2019, 2020                   | Ashland       | 0.63            | Mainline ROW                           | DC                                                    | Perennial          | Bay City Creek        | --                          | --                           | Yes                        |
| wase014e                       | Wetland             | 2019                         | Ashland       | 0.72            | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wase015e                       | Wetland             | 2019, 2020                   | Ashland       | 0.77            | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wase015e                       | Wetland             | 2019, 2020                   | Ashland       | 0.82            | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| was1009e                       | Wetland             | 2020                         | Ashland       | 0.90            | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| was1009e                       | Wetland             | 2020                         | Ashland       | 0.94            | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| was1010e                       | Wetland             | 2020                         | Ashland       | 0.98            | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| was1010e                       | Wetland             | 2020                         | Ashland       | 1.04            | Mainline ROW                           | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| was1010s                       | Wetland             | 2020                         | Ashland       | 1.05            | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| was1010e                       | Wetland             | 2020                         | Ashland       | 1.06            | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| was1010e                       | Wetland             | 2020                         | Ashland       | 1.06            | Mainline ROW                           | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| was1012e                       | Wetland             | 2020                         | Ashland       | 1.12            | Mainline ROW                           | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| was1016e                       | Wetland             | 2020                         | Ashland       | 1.15            | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| was1020e                       | Wetland             | 2020                         | Ashland       | 1.17            | Mainline ROW                           | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| was1024e                       | Wetland             | 2020                         | Ashland       | 1.23            | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |

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| <b>Feature ID <sup>a</sup></b> | <b>Feature Type</b> | <b>Data Collected (Year)</b> | <b>County</b> | <b>Milepost</b> | <b>Project Component Name/Location</b> | <b>Proposed Pipeline Crossing Method <sup>b</sup></b> | <b>Flow Regime</b> | <b>USGS Name</b>             | <b>ORW/ERW <sup>c</sup></b> | <b>Agency Classification</b> | <b>Bridge <sup>d</sup></b> |
|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|------------------------------|-----------------------------|------------------------------|----------------------------|
| was1024e                       | Wetland             | 2020                         | Ashland       | 1.25            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was1025e                       | Wetland             | 2020                         | Ashland       | 1.26            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was1026e                       | Wetland             | 2020                         | Ashland       | 1.31            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was1027e                       | Wetland             | 2020                         | Ashland       | 1.35            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was1029e                       | Wetland             | 2020                         | Ashland       | 1.47            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| WDH-02                         | WDH                 | N/A                          | Ashland       | 1.51            | Mainline ROW                           | N/A                                                   | Intermittent       | UNT of Little Beartrap Creek | --                          | --                           | Yes                        |
| was1029e                       | Wetland             | 2020                         | Ashland       | 1.51            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| WDH-03                         | WDH                 | N/A                          | Ashland       | 1.55            | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Little Beartrap Creek | --                          | --                           | Yes                        |
| was1029e                       | Wetland             | 2020                         | Ashland       | 1.59            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was1029e                       | Wetland             | 2020                         | Ashland       | 1.62            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was1033e                       | Wetland             | 2020                         | Ashland       | 1.64            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was1039e                       | Wetland             | 2020                         | Ashland       | 1.67            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was112s                        | Wetland             | 2019, 2020                   | Ashland       | 1.69            | Mainline ROW                           | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was112e                        | Wetland             | 2019, 2020                   | Ashland       | 1.70            | Mainline ROW                           | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was112e                        | Wetland             | 2019, 2020                   | Ashland       | 1.72            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was112e                        | Wetland             | 2019, 2020                   | Ashland       | 1.76            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was112s                        | Wetland             | 2019                         | Ashland       | 1.79            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was112e                        | Wetland             | 2019, 2020                   | Ashland       | 1.80            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| WDH-04                         | WDH                 | N/A                          | Ashland       | 1.88            | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Little Beartrap Creek | --                          | --                           | Yes                        |
| was112e                        | Wetland             | 2019, 2020                   | Ashland       | 1.88            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |

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| <b>Feature ID <sup>a</sup></b> | <b>Feature Type</b> | <b>Data Collected (Year)</b> | <b>County</b> | <b>Milepost</b> | <b>Project Component Name/Location</b> | <b>Proposed Pipeline Crossing Method <sup>b</sup></b> | <b>Flow Regime</b> | <b>USGS Name</b>             | <b>ORW/ERW <sup>c</sup></b> | <b>Agency Classification</b> | <b>Bridge <sup>d</sup></b> |
|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|------------------------------|-----------------------------|------------------------------|----------------------------|
| was112e                        | Wetland             | 2019, 2020                   | Ashland       | 1.92            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was1035e                       | Wetland             | 2020                         | Ashland       | 1.95            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was1037e                       | Wetland             | 2020                         | Ashland       | 1.98            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was1036e                       | Wetland             | 2020                         | Ashland       | 1.99            | Mainline ROW                           | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was112e                        | Wetland             | 2019, 2020                   | Ashland       | 2.01            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was110e                        | Wetland             | 2019, 2020                   | Ashland       | 2.03            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| sasa1021e                      | Ditch               | 2020                         | Ashland       | 2.04            | Mainline ROW                           | N/A                                                   | Ephemeral          | UNT of Little Beartrap Creek | --                          | --                           | Yes                        |
| was106e                        | Wetland             | 2019, 2020                   | Ashland       | 2.09            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was106e                        | Wetland             | 2019, 2020                   | Ashland       | 2.12            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was106e                        | Wetland             | 2019, 2020                   | Ashland       | 2.16            | Mainline ROW                           | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was104f                        | Wetland             | 2019                         | Ashland       | 2.21            | Mainline ROW                           | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| wasb059f                       | Wetland             | 2019                         | Ashland       | 2.24            | Mainline ROW                           | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | Yes                        |
| sasa047i                       | Stream              | 2019                         | Ashland       | 2.24            | Mainline ROW                           | OC/DC                                                 | Intermittent       | Little Beartrap Creek        | --                          | --                           | Yes                        |
| wasb059f                       | Wetland             | 2019                         | Ashland       | 2.25            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| sasa046e                       | Stream              | 2019                         | Ashland       | 2.28            | Mainline ROW                           | OC/DC                                                 | Ephemeral          | UNT of Little Beartrap Creek | --                          | --                           | Yes                        |
| wasb058e                       | Wetland             | 2019                         | Ashland       | 2.29            | Mainline ROW                           | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| wasb056e                       | Wetland             | 2019                         | Ashland       | 2.32            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| wasb055e                       | Wetland             | 2019                         | Ashland       | 2.34            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was103e                        | Wetland             | 2019                         | Ashland       | 2.39            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was103e                        | Wetland             | 2019                         | Ashland       | 2.43            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |

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*Updated June 4, 2021*

| <b>Feature ID <sup>a</sup></b> | <b>Feature Type</b> | <b>Data Collected (Year)</b> | <b>County</b> | <b>Milepost</b> | <b>Project Component Name/Location</b> | <b>Proposed Pipeline Crossing Method <sup>b</sup></b> | <b>Flow Regime</b> | <b>USGS Name</b>             | <b>ORW/ERW <sup>c</sup></b> | <b>Agency Classification</b> | <b>Bridge <sup>d</sup></b> |
|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|------------------------------|-----------------------------|------------------------------|----------------------------|
| was103s                        | Wetland             | 2019                         | Ashland       | 2.44            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was103e                        | Wetland             | 2019                         | Ashland       | 2.47            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was103s                        | Wetland             | 2019                         | Ashland       | 2.48            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was103e                        | Wetland             | 2019                         | Ashland       | 2.48            | Mainline ROW                           | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was103s                        | Wetland             | 2019                         | Ashland       | 2.50            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was100e                        | Wetland             | 2019                         | Ashland       | 2.50            | Mainline ROW                           | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was103e                        | Wetland             | 2019                         | Ashland       | 2.51            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was1041e                       | Wetland             | 2020                         | Ashland       | 2.54            | Access Road                            | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was1042e                       | Wetland             | 2020                         | Ashland       | 2.54            | Access Road                            | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was039e                        | Wetland             | 2019                         | Ashland       | 2.54            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was040e                        | Wetland             | 2019                         | Ashland       | 2.56            | Mainline ROW                           | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was1043e                       | Wetland             | 2020                         | Ashland       | 2.58            | Access Road                            | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was040e                        | Wetland             | 2019                         | Ashland       | 2.60            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was1044e                       | Wetland             | 2020                         | Ashland       | 2.60            | Access Road                            | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was042e                        | Wetland             | 2019                         | Ashland       | 2.63            | Mainline ROW                           | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was1045e                       | Wetland             | 2020                         | Ashland       | 2.64            | Access Road                            | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was1046e                       | Wetland             | 2020                         | Ashland       | 2.65            | Access Road                            | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| WDH-100                        | WDH                 | N/A                          | Ashland       | 2.68            | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Little Beartrap Creek | --                          | --                           | Yes                        |
| was044e                        | Wetland             | 2019                         | Ashland       | 2.68            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was045e                        | Wetland             | 2019                         | Ashland       | 2.72            | Mainline ROW                           | N/A                                                   | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| was045e                        | Wetland             | 2019                         | Ashland       | 2.77            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |
| wasb027f                       | Wetland             | 2019                         | Ashland       | 2.84            | Mainline ROW                           | Trench                                                | N/A                | N/A                          | N/A                         | N/A                          | N/A                        |

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| <b>Feature ID <sup>a</sup></b> | <b>Feature Type</b> | <b>Data Collected (Year)</b> | <b>County</b> | <b>Milepost</b> | <b>Project Component Name/Location</b> | <b>Proposed Pipeline Crossing Method <sup>b</sup></b> | <b>Flow Regime</b> | <b>USGS Name</b>   | <b>ORW/ERW <sup>c</sup></b> | <b>Agency Classification</b> | <b>Bridge <sup>d</sup></b> |
|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|--------------------|-----------------------------|------------------------------|----------------------------|
| wasb027f                       | Wetland             | 2019                         | Ashland       | 2.88            | Mainline ROW                           | Trench                                                | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| sasb007i                       | Stream              | 2019                         | Ashland       | 2.91            | Mainline ROW                           | OC/DC                                                 | Intermittent       | Beartrap Creek     | ORW                         | ASNRI-PNW                    | Yes                        |
| wasm002e                       | Wetland             | 2019                         | Ashland       | 3.06            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasm002f                       | Wetland             | 2019                         | Ashland       | 3.08            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasm002e                       | Wetland             | 2019                         | Ashland       | 3.12            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasm002f                       | Wetland             | 2019                         | Ashland       | 3.13            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasm002f                       | Wetland             | 2019                         | Ashland       | 3.15            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasm002f                       | Wetland             | 2019                         | Ashland       | 3.19            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasm002f                       | Wetland             | 2019                         | Ashland       | 3.28            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasm002e                       | Wetland             | 2019                         | Ashland       | 3.31            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasm002f                       | Wetland             | 2019                         | Ashland       | 3.33            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasm002f                       | Wetland             | 2019                         | Ashland       | 3.34            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasm002f                       | Wetland             | 2019                         | Ashland       | 3.38            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasm002f                       | Wetland             | 2019                         | Ashland       | 3.44            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasm002f                       | Wetland             | 2019                         | Ashland       | 3.48            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasm002f                       | Wetland             | 2019                         | Ashland       | 3.53            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasm002f                       | Wetland             | 2019, 2020                   | Ashland       | 3.56            | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasm002f                       | Wetland             | 2019                         | Ashland       | 3.62            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasm002f                       | Wetland             | 2019                         | Ashland       | 3.67            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasm001f                       | Wetland             | 2019                         | Ashland       | 3.76            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| sasm001e_x1                    | Stream              | 2019                         | Ashland       | 3.78            | Mainline ROW                           | HDD                                                   | Intermittent       | UNT of White River | --                          | --                           | Yes                        |
| sasm001e_x2                    | Stream              | 2019                         | Ashland       | 3.79            | Mainline ROW                           | HDD                                                   | Intermittent       | UNT of White River | --                          | --                           | Yes                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|--------------------|-----------------------------|------------------------------|----------------------------|
| sasw022                        | Stream              | 2019                         | Ashland       | 3.82            | Mainline ROW                           | HDD                                                   | Intermittent       | UNT of White River | --                          | --                           | Yes                        |
| sasw024                        | Swale               | 2019                         | Ashland       | 4.02            | Mainline ROW                           | HDD                                                   | Ephemeral          | UNT of White River | --                          | --                           | Yes                        |
| sasw023p                       | River               | 2019                         | Ashland       | 4.04            | Mainline ROW                           | HDD                                                   | Perennial          | White River        | ERW                         | Class II Trout, ASNRI-PNW    | No                         |
| was1054f                       | Wetland             | 2020                         | Ashland       | 4.08            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | No                         |
| sasa1023i_x1                   | Stream              | 2020                         | Ashland       | 4.16            | Mainline ROW                           | HDD                                                   | Intermittent       | UNT of White River | --                          | --                           | Yes                        |
| was1054f                       | Wetland             | 2020                         | Ashland       | 4.16            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | No                         |
| sasa1023i_x2                   | Stream              | 2020                         | Ashland       | 4.26            | Mainline ROW                           | HDD                                                   | Intermittent       | UNT of White River | --                          | --                           | Yes                        |
| wasd021f                       | Wetland             | 2019, 2020                   | Ashland       | 4.35            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasd021f                       | Wetland             | 2019, 2020                   | Ashland       | 4.39            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasd021s                       | Wetland             | 2019, 2020                   | Ashland       | 4.46            | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| was1061f                       | Wetland             | 2020                         | Ashland       | 4.50            | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wase080f                       | Wetland             | 2019, 2020                   | Ashland       | 4.52            | Mainline ROW                           | Trench                                                | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wase080f                       | Wetland             | 2019, 2020                   | Ashland       | 4.56            | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wase081f                       | Wetland             | 2019, 2020                   | Ashland       | 4.57            | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wase080e                       | Wetland             | 2019                         | Ashland       | 4.59            | Mainline ROW                           | Trench                                                | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wase080s                       | Wetland             | 2019                         | Ashland       | 4.59            | Mainline ROW                           | Trench                                                | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| was1064e                       | Wetland             | 2020                         | Ashland       | 4.65            | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wase080e                       | Wetland             | 2019                         | Ashland       | 4.67            | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| sasd013i                       | Stream              | 2019                         | Ashland       | 4.69            | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of White River | --                          | --                           | Yes                        |
| was1067e                       | Wetland             | 2020                         | Ashland       | 4.71            | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |

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|-------------------------|--------------------|-----------------------|--------------------|-----------------|---------------------------------|------------------------------------------------|----------------|--------------------|----------------------|-----------------------|---------------------|
| sasd014e                | Stream             | 2019                  | Ashland            | 4.72            | Mainline ROW                    | N/A                                            | Ephemeral      | UNT of White River | --                   | --                    | Yes                 |
| wasd019e                | Wetland            | 2019, 2020            | Ashland            | 4.73            | Mainline ROW                    | N/A                                            | N/A            | N/A                | N/A                  | N/A                   | N/A                 |
| wasd019e                | Wetland            | 2019, 2020            | Ashland            | 4.73            | Mainline ROW                    | Trench                                         | N/A            | N/A                | N/A                  | N/A                   | N/A                 |
| wasd1046e               | Wetland            | 2020                  | Ashland            | 4.75            | Mainline ROW                    | N/A                                            | N/A            | N/A                | N/A                  | N/A                   | N/A                 |
| wasd1068e               | Wetland            | 2020                  | Ashland            | 4.77            | Mainline ROW                    | N/A                                            | N/A            | N/A                | N/A                  | N/A                   | N/A                 |
| wasd1069e               | Wetland            | 2020                  | Ashland            | 4.84            | Mainline ROW                    | Trench                                         | N/A            | N/A                | N/A                  | N/A                   | N/A                 |
| wasd1069e               | Wetland            | 2020                  | Ashland            | 4.86            | Mainline ROW                    | Trench                                         | N/A            | N/A                | N/A                  | N/A                   | N/A                 |
| sasd013i_x              | Ditch              | 2019, 2020            | Ashland            | 4.86            | Mainline ROW                    | OC/DC                                          | Intermittent   | UNT of White River | --                   | --                    | Yes                 |
| wasd1069e               | Wetland            | 2020                  | Ashland            | 4.86            | Mainline ROW                    | Trench                                         | N/A            | N/A                | N/A                  | N/A                   | N/A                 |
| wasd1069e               | Wetland            | 2020                  | Ashland            | 4.87            | Access Road                     | N/A                                            | N/A            | N/A                | N/A                  | N/A                   | N/A                 |
| <del>wasd1069e</del>    | <del>Wetland</del> | <del>2020</del>       | <del>Ashland</del> | <del>4.87</del> | <del>Water Line</del>           | <del>N/A</del>                                 | <del>N/A</del> | <del>N/A</del>     | <del>N/A</del>       | <del>N/A</del>        | <del>N/A</del>      |
| sasa1020e               | Ditch              | 2020                  | Ashland            | 4.93            | Mainline ROW                    | OC/DC                                          | Ephemeral      | UNT of White River | --                   | --                    | Yes                 |
| <del>wasd1038e</del>    | <del>Wetland</del> | <del>2020</del>       | <del>Ashland</del> | <del>5.01</del> | <del>Access Road</del>          | <del>N/A</del>                                 | <del>N/A</del> | <del>N/A</del>     | <del>N/A</del>       | <del>N/A</del>        | <del>N/A</del>      |
| sasc041p                | Stream             | 2019                  | Ashland            | 5.05            | Mainline ROW                    | DC                                             | Perennial      | Rock Creek         | --                   | --                    | Yes                 |
| <del>wasd1037e</del>    | <del>Wetland</del> | <del>2020</del>       | <del>Ashland</del> | <del>5.07</del> | <del>Access Road</del>          | <del>N/A</del>                                 | <del>N/A</del> | <del>N/A</del>     | <del>N/A</del>       | <del>N/A</del>        | <del>N/A</del>      |
| sasa016e                | Ditch              | 2019                  | Ashland            | 5.50            | Mainline ROW                    | OC/DC                                          | Ephemeral      | UNT of Rock Creek  | --                   | --                    | Yes                 |
| wasd001e                | Wetland            | 2019                  | Ashland            | 5.51            | Mainline ROW                    | Trench                                         | N/A            | N/A                | N/A                  | N/A                   | N/A                 |
| sasc036e                | Stream             | 2019                  | Ashland            | 5.54            | Mainline ROW                    | OC/DC                                          | Ephemeral      | UNT of Rock Creek  | --                   | --                    | Yes                 |
| wasd002e                | Wetland            | 2019                  | Ashland            | 5.55            | Mainline ROW                    | Trench                                         | N/A            | N/A                | N/A                  | N/A                   | N/A                 |
| sasc037e                | Stream             | 2019                  | Ashland            | 5.79            | Mainline ROW                    | OC/DC                                          | Ephemeral      | UNT of Deer Creek  | --                   | --                    | Yes                 |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|-------------------|-----------------------------|------------------------------|----------------------------|
| sasc038e                       | Stream              | 2019                         | Ashland       | 5.82            | Mainline ROW                           | OC/DC                                                 | Ephemeral          | UNT of Deer Creek | --                          | --                           | Yes                        |
| wasc057e                       | Wetland             | 2019                         | Ashland       | 5.82            | Mainline ROW                           | N/A                                                   | N/A                | N/A               | N/A                         | N/A                          | N/A                        |
| wasc059e                       | Wetland             | 2019                         | Ashland       | 5.86            | Mainline ROW                           | N/A                                                   | N/A                | N/A               | N/A                         | N/A                          | N/A                        |
| wasc060f                       | Wetland             | 2019                         | Ashland       | 5.88            | Mainline ROW                           | Trench                                                | N/A                | N/A               | N/A                         | N/A                          | N/A                        |
| wasc061e                       | Wetland             | 2019                         | Ashland       | 5.91            | Mainline ROW                           | N/A                                                   | N/A                | N/A               | N/A                         | N/A                          | N/A                        |
| sasc039i                       | Stream              | 2019                         | Ashland       | 5.93            | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Deer Creek | --                          | --                           | Yes                        |
| sasc040e                       | Stream              | 2019                         | Ashland       | 5.94            | Mainline ROW                           | N/A                                                   | Ephemeral          | UNT of Deer Creek | --                          | --                           | Yes                        |
| wasc062f                       | Wetland             | 2019                         | Ashland       | 5.97            | Mainline ROW                           | Trench                                                | N/A                | N/A               | N/A                         | N/A                          | N/A                        |
| wasc063s                       | Wetland             | 2019                         | Ashland       | 6.01            | Mainline ROW                           | N/A                                                   | N/A                | N/A               | N/A                         | N/A                          | N/A                        |
| sase022p                       | River               | 2019                         | Ashland       | 6.35            | Mainline ROW                           | HDD                                                   | Perennial          | Deer Creek        | --                          | --                           | No                         |
| sase021e                       | Stream              | 2019                         | Ashland       | 6.39            | Mainline ROW                           | HDD                                                   | Ephemeral          | UNT of Deer Creek | --                          | --                           | Yes                        |
| wase073f                       | Wetland             | 2019                         | Ashland       | 6.42            | Mainline ROW                           | HDD                                                   | N/A                | N/A               | N/A                         | N/A                          | N/A                        |
| wase073f                       | Wetland             | 2019                         | Ashland       | 6.46            | Mainline ROW                           | HDD                                                   | N/A                | N/A               | N/A                         | N/A                          | N/A                        |
| wase074f                       | Wetland             | 2019                         | Ashland       | 6.49            | Mainline ROW                           | HDD                                                   | N/A                | N/A               | N/A                         | N/A                          | N/A                        |
| was130e                        | Wetland             | 2019                         | Ashland       | 6.57            | Mainline ROW                           | Trench                                                | N/A                | N/A               | N/A                         | N/A                          | N/A                        |
| wasc077f                       | Wetland             | 2019                         | Ashland       | 6.59            | Mainline ROW                           | Trench                                                | N/A                | N/A               | N/A                         | N/A                          | N/A                        |
| sasa067e                       | Stream              | 2019                         | Ashland       | 6.64            | Mainline ROW                           | OC/DC                                                 | Ephemeral          | UNT of Deer Creek | --                          | --                           | Yes                        |
| wasc078f                       | Wetland             | 2019                         | Ashland       | 6.68            | Mainline ROW                           | Trench                                                | N/A                | N/A               | N/A                         | N/A                          | N/A                        |
| wasc079f                       | Wetland             | 2019                         | Ashland       | 6.71            | Mainline ROW                           | N/A                                                   | N/A                | N/A               | N/A                         | N/A                          | N/A                        |
| was131e                        | Wetland             | 2019                         | Ashland       | 6.93            | Access Road                            | N/A                                                   | N/A                | N/A               | N/A                         | N/A                          | N/A                        |
| was131e                        | Wetland             | 2019                         | Ashland       | 6.93            | Access Road                            | N/A                                                   | N/A                | N/A               | N/A                         | N/A                          | N/A                        |

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**Field Delineated and Desktop Mapped Wetlands and Waterbodies Crossed or Affected by the Project Facilities**  
*Updated June 4, 2021*

| Feature ID <sup>a</sup> | Feature Type | Data Collected (Year) | County  | Milepost | Project Component Name/Location | Proposed Pipeline Crossing Method <sup>b</sup> | Flow Regime  | USGS Name            | ORW/ERW <sup>c</sup> | Agency Classification | Bridge <sup>d</sup> |
|-------------------------|--------------|-----------------------|---------|----------|---------------------------------|------------------------------------------------|--------------|----------------------|----------------------|-----------------------|---------------------|
| WDH-101                 | WDH          | N/A                   | Ashland | 6.94     | Access Road                     | N/A                                            | Intermittent | UNT of Deer Creek    | --                   | --                    | Yes                 |
| wase1002e               | Wetland      | 2020                  | Ashland | 6.94     | Access Road                     | N/A                                            | N/A          | N/A                  | N/A                  | N/A                   | N/A                 |
| wase1001e               | Wetland      | 2020                  | Ashland | 6.95     | Access Road                     | N/A                                            | N/A          | N/A                  | N/A                  | N/A                   | N/A                 |
| sasa066i                | Stream       | 2019                  | Ashland | 7.07     | Mainline ROW                    | OC/DC                                          | Intermittent | UNT of Deer Creek    | --                   | --                    | Yes                 |
| sasa068e                | Swale        | 2019                  | Ashland | 7.16     | Mainline ROW                    | OC/DC                                          | Ephemeral    | UNT of Deer Creek    | --                   | --                    | Yes                 |
| was132e                 | Wetland      | 2019                  | Ashland | 7.30     | Mainline ROW                    | Trench                                         | N/A          | N/A                  | N/A                  | N/A                   | N/A                 |
| wasd015f                | Wetland      | 2019                  | Ashland | 7.38     | Mainline ROW                    | Trench                                         | N/A          | N/A                  | N/A                  | N/A                   | N/A                 |
| wasd015f                | Wetland      | 2019                  | Ashland | 7.38     | Mainline ROW                    | N/A                                            | N/A          | N/A                  | N/A                  | N/A                   | N/A                 |
| wasd015f                | Wetland      | 2019                  | Ashland | 7.40     | Mainline ROW                    | Trench                                         | N/A          | N/A                  | N/A                  | N/A                   | N/A                 |
| wasd015e                | Wetland      | 2019                  | Ashland | 7.45     | Mainline ROW                    | Trench                                         | N/A          | N/A                  | N/A                  | N/A                   | N/A                 |
| wasd014e                | Wetland      | 2019                  | Ashland | 7.53     | Mainline ROW                    | N/A                                            | N/A          | N/A                  | N/A                  | N/A                   | N/A                 |
| wasd028s                | Wetland      | 2019                  | Ashland | 7.57     | Access Road                     | N/A                                            | N/A          | N/A                  | N/A                  | N/A                   | N/A                 |
| wasb002e                | Wetland      | 2019                  | Ashland | 7.57     | Access Road                     | N/A                                            | N/A          | N/A                  | N/A                  | N/A                   | N/A                 |
| wasd029e                | Wetland      | 2019                  | Ashland | 7.57     | Mainline ROW                    | Trench                                         | N/A          | N/A                  | N/A                  | N/A                   | N/A                 |
| wasd028f                | Wetland      | 2019                  | Ashland | 7.59     | Mainline ROW                    | Trench                                         | N/A          | N/A                  | N/A                  | N/A                   | N/A                 |
| sasd015i                | Stream       | 2019                  | Ashland | 7.59     | Mainline ROW                    | OC/DC                                          | Intermittent | UNT of Marengo River | --                   | --                    | Yes                 |
| wasd028e                | Wetland      | 2019                  | Ashland | 7.63     | Access Road                     | N/A                                            | N/A          | N/A                  | N/A                  | N/A                   | N/A                 |
| wasd028e                | Wetland      | 2019                  | Ashland | 7.64     | Access Road                     | N/A                                            | N/A          | N/A                  | N/A                  | N/A                   | N/A                 |
| wasd028s                | Wetland      | 2019                  | Ashland | 7.64     | Mainline ROW                    | N/A                                            | N/A          | N/A                  | N/A                  | N/A                   | N/A                 |
| wasd028f                | Wetland      | 2019                  | Ashland | 7.65     | Mainline ROW                    | Trench                                         | N/A          | N/A                  | N/A                  | N/A                   | N/A                 |
| wasd028e                | Wetland      | 2019                  | Ashland | 7.65     | Access Road                     | N/A                                            | N/A          | N/A                  | N/A                  | N/A                   | N/A                 |

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| <b>Feature ID <sup>a</sup></b> | <b>Feature Type</b> | <b>Data Collected (Year)</b> | <b>County</b> | <b>Milepost</b> | <b>Project Component Name/Location</b> | <b>Proposed Pipeline Crossing Method <sup>b</sup></b> | <b>Flow Regime</b> | <b>USGS Name</b>     | <b>ORW/ERW <sup>c</sup></b> | <b>Agency Classification</b>        | <b>Bridge <sup>d</sup></b> |
|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|----------------------|-----------------------------|-------------------------------------|----------------------------|
| wasd028s                       | Wetland             | 2019                         | Ashland       | 7.66            | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wasd028f                       | Wetland             | 2019                         | Ashland       | 7.66            | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wasd028s                       | Wetland             | 2019                         | Ashland       | 7.71            | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wasd028s                       | Wetland             | 2019                         | Ashland       | 7.73            | Mainline ROW                           | Trench                                                | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wasd028e                       | Wetland             | 2019                         | Ashland       | 7.74            | Mainline ROW                           | Trench                                                | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wasd028e                       | Wetland             | 2019                         | Ashland       | 7.77            | Mainline ROW                           | Trench                                                | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wasd028f                       | Wetland             | 2019                         | Ashland       | 7.78            | Mainline ROW                           | Trench                                                | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wasd028e                       | Wetland             | 2019                         | Ashland       | 7.80            | Mainline ROW                           | Trench                                                | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| oasd003_x1                     | Pond                | 2019                         | Ashland       | 7.83            | Mainline ROW                           | N/A                                                   | Perennial          | Pond                 | --                          | --                                  | N/A                        |
| oasd003_x2                     | Pond                | 2019                         | Ashland       | 7.88            | Mainline ROW                           | N/A                                                   | Perennial          | Pond                 | --                          | --                                  | N/A                        |
| wasd028e                       | Wetland             | 2019                         | Ashland       | 7.99            | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| sasd011p                       | Stream              | 2019                         | Ashland       | 7.99            | Mainline ROW                           | DC                                                    | Perennial          | UNT of Marengo River | --                          | Perennial tributary of trout stream | Yes                        |
| wasd028f                       | Wetland             | 2019                         | Ashland       | 8.00            | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wasd030f                       | Wetland             | 2019                         | Ashland       | 8.01            | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wasd031e                       | Wetland             | 2019                         | Ashland       | 8.06            | Mainline ROW                           | Trench                                                | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wasd031e                       | Wetland             | 2019                         | Ashland       | 8.07            | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| sasc012e_x                     | Ditch               | 2019, 2020                   | Ashland       | 8.07            | Access Road                            | N/A                                                   | Ephemeral          | UNT of Marengo River | --                          | --                                  | Yes                        |
| sasc012e_x1                    | Ditch               | 2019                         | Ashland       | 8.07            | Mainline ROW                           | OC/DC                                                 | Ephemeral          | Ditch                | --                          | --                                  | Yes                        |
| sasc012e_x2                    | Ditch               | 2019                         | Ashland       | 8.07            | Access Road                            | N/A                                                   | Ephemeral          | Ditch                | --                          | --                                  | Yes                        |
| wase1006e                      | Wetland             | 2020                         | Ashland       | 8.28            | Mainline ROW                           | Trench                                                | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wase1005e                      | Wetland             | 2020                         | Ashland       | 8.33            | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |

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| <b>Feature ID <sup>a</sup></b> | <b>Feature Type</b> | <b>Data Collected (Year)</b> | <b>County</b> | <b>Milepost</b> | <b>Project Component Name/Location</b> | <b>Proposed Pipeline Crossing Method <sup>b</sup></b> | <b>Flow Regime</b> | <b>USGS Name</b>     | <b>ORW/ERW <sup>c</sup></b> | <b>Agency Classification</b> | <b>Bridge <sup>d</sup></b> |
|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|----------------------|-----------------------------|------------------------------|----------------------------|
| wase1004e                      | Wetland             | 2020                         | Ashland       | 8.34            | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| wase1003e                      | Wetland             | 2020                         | Ashland       | 8.36            | Mainline ROW                           | Trench                                                | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| wasc014e                       | Wetland             | 2019                         | Ashland       | 8.54            | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| wasc015e                       | Wetland             | 2019                         | Ashland       | 8.54            | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| sasc013e                       | Ditch               | 2019                         | Ashland       | 8.64            | Mainline ROW                           | OC/DC                                                 | Ephemeral          | Ditch                | --                          | --                           | Yes                        |
| sasa021e                       | Ditch               | 2019                         | Ashland       | 8.65            | Mainline ROW                           | OC/DC                                                 | Ephemeral          | Ditch                | --                          | --                           | Yes                        |
| WDH-102_x1                     | WDH                 | N/A                          | Ashland       | 8.81            | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Marengo River | --                          | --                           | Yes                        |
| sasa020i                       | Stream              | 2019                         | Ashland       | 8.84            | Access Road                            | N/A                                                   | Intermittent       | UNT of Marengo River | --                          | --                           | Yes                        |
| WDH-102_x2                     | WDH                 | N/A                          | Ashland       | 9.03            | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Marengo River | --                          | --                           | Yes                        |
| WDH-102_x3                     | WDH                 | N/A                          | Ashland       | 9.16            | Mainline ROW                           | N/A                                                   | Intermittent       | UNT of Marengo River | --                          | --                           | Yes                        |
| sase1001e                      | Swale               | 2020                         | Ashland       | 9.27            | Mainline ROW                           | OC/DC                                                 | Ephemeral          | UNT of Marengo River | --                          | --                           | Yes                        |
| was115e                        | Wetland             | 2019, 2020                   | Ashland       | 9.36            | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| was115e                        | Wetland             | 2019, 2020                   | Ashland       | 9.36            | Mainline ROW                           | Trench                                                | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| was114e                        | Wetland             | 2019                         | Ashland       | 9.36            | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| was115e                        | Wetland             | 2019, 2020                   | Ashland       | 9.37            | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| was115e                        | Wetland             | 2019, 2020                   | Ashland       | 9.37            | Permanent Access Road                  | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| was115e                        | Wetland             | 2019, 2020                   | Ashland       | 9.37            | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| wase1008e                      | Wetland             | 2020                         | Ashland       | 9.37            | Mainline ROW                           | Trench                                                | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|------------------|-----------------------------|------------------------------|----------------------------|
| wase1012s                      | Wetland             | 2020                         | Ashland       | 9.83            | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1012f                      | Wetland             | 2020                         | Ashland       | 9.87            | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1012f                      | Wetland             | 2020                         | Ashland       | 9.90            | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1012f                      | Wetland             | 2020                         | Ashland       | 9.92            | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1012f                      | Wetland             | 2020                         | Ashland       | 9.97            | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1046f                      | Wetland             | 2020                         | Ashland       | 9.99            | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1013f                      | Wetland             | 2020                         | Ashland       | 10.03           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1013s                      | Wetland             | 2020                         | Ashland       | 10.04           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1013f                      | Wetland             | 2020                         | Ashland       | 10.06           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1013f                      | Wetland             | 2020                         | Ashland       | 10.09           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1013f                      | Wetland             | 2020                         | Ashland       | 10.14           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1013f                      | Wetland             | 2020                         | Ashland       | 10.18           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1013f                      | Wetland             | 2020                         | Ashland       | 10.20           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1013s                      | Wetland             | 2020                         | Ashland       | 10.27           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1013e                      | Wetland             | 2020                         | Ashland       | 10.28           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| sase1003e                      | Ditch               | 2020                         | Ashland       | 10.54           | Mainline ROW                           | OC/DC                                                 | Ephemeral          | Ditch            | --                          | --                           | Yes                        |
| wase1016f                      | Wetland             | 2020                         | Ashland       | 10.57           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1016f                      | Wetland             | 2020                         | Ashland       | 10.66           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1020f                      | Wetland             | 2020                         | Ashland       | 10.88           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1021e                      | Wetland             | 2020                         | Ashland       | 10.90           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1021e                      | Wetland             | 2020                         | Ashland       | 10.96           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1021f                      | Wetland             | 2020                         | Ashland       | 10.96           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wase1021s                      | Wetland             | 2020                         | Ashland       | 10.96           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|----------------------|-----------------------------|------------------------------|----------------------------|
| wase1021f                      | Wetland             | 2020                         | Ashland       | 10.98           | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| wase1021s                      | Wetland             | 2020                         | Ashland       | 10.99           | Mainline ROW                           | Trench                                                | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| wase1021f                      | Wetland             | 2020                         | Ashland       | 11.00           | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| wase1021e                      | Wetland             | 2020                         | Ashland       | 11.01           | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| wase1055e                      | Wetland             | 2020                         | Ashland       | 11.09           | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| wase1055e                      | Wetland             | 2020                         | Ashland       | 11.09           | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| wase1055e                      | Wetland             | 2020                         | Ashland       | 11.09           | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| sase1018i                      | Stream              | 2020                         | Ashland       | 11.09           | Access Road                            | N/A                                                   | Intermittent       | UNT of Marengo River | --                          | --                           | Yes                        |
| WDH-10                         | WDH                 | N/A                          | Ashland       | 11.09           | Access Road                            | N/A                                                   | Intermittent       | UNT of Marengo River | --                          | --                           | Yes                        |
| wase1042e                      | Wetland             | 2020                         | Ashland       | 11.13           | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| sase1004e                      | Swale               | 2020                         | Ashland       | 11.13           | Access Road                            | N/A                                                   | Ephemeral          | UNT of Marengo River | --                          | --                           | Yes                        |
| wase1023e                      | Wetland             | 2020                         | Ashland       | 11.13           | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| wase1055f                      | Wetland             | 2020                         | Ashland       | 11.17           | Mainline ROW                           | Direct Bore                                           | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| sase1019i                      | Stream              | 2020                         | Ashland       | 11.18           | Mainline ROW                           | Direct Bore                                           | Intermittent       | UNT of Marengo River | --                          | --                           | Yes                        |
| wase1055f                      | Wetland             | 2020                         | Ashland       | 11.19           | Mainline ROW                           | Direct Bore                                           | N/A                | N/A                  | N/A                         | N/A                          | N/A                        |
| sase1020p                      | River               | 2020                         | Ashland       | 11.40           | Mainline ROW                           | Direct Bore                                           | Perennial          | Marengo River        | ORW                         | Class III Trout, ASNRI-PNW   | No                         |
| sase1021e                      | River               | 2020                         | Ashland       | 11.41           | Mainline ROW                           | Direct Bore                                           | Ephemeral          | UNT of Marengo River | --                          | --                           | Yes                        |
| sase1008e                      | Ditch               | 2020                         | Ashland       | 11.95           | Mainline ROW                           | OC/DC                                                 | Ephemeral          | Ditch                | --                          | --                           | Yes                        |

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| <b>Feature ID <sup>a</sup></b> | <b>Feature Type</b> | <b>Data Collected (Year)</b> | <b>County</b> | <b>Milepost</b> | <b>Project Component Name/Location</b> | <b>Proposed Pipeline Crossing Method <sup>b</sup></b> | <b>Flow Regime</b> | <b>USGS Name</b>     | <b>ORW/ERW <sup>c</sup></b> | <b>Agency Classification</b>        | <b>Bridge <sup>d</sup></b> |
|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|----------------------|-----------------------------|-------------------------------------|----------------------------|
| sase1011i                      | Stream              | 2020                         | Ashland       | 12.43           | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Marengo River | --                          | --                                  | Yes                        |
| wase1044e                      | Wetland             | 2020                         | Ashland       | 12.43           | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wase1045e                      | Wetland             | 2020                         | Ashland       | 12.51           | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wase1045e                      | Wetland             | 2020                         | Ashland       | 12.53           | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wase1045e                      | Wetland             | 2020                         | Ashland       | 12.56           | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wase1050e                      | Wetland             | 2020                         | Ashland       | 12.58           | Mainline ROW                           | Trench                                                | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wase1052e                      | Wetland             | 2020                         | Ashland       | 12.60           | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wase1053e                      | Wetland             | 2020                         | Ashland       | 12.61           | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wase1053e                      | Wetland             | 2020                         | Ashland       | 12.62           | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wase1049s                      | Wetland             | 2020                         | Ashland       | 12.67           | Mainline ROW                           | Trench                                                | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| sase1015i                      | Stream              | 2020                         | Ashland       | 12.75           | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Marengo River | --                          | --                                  | Yes                        |
| wase1051e                      | Wetland             | 2020                         | Ashland       | 12.83           | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| WDH-15                         | WDH                 | N/A                          | Ashland       | 13.26           | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Marengo River | --                          | --                                  | Yes                        |
| sasd1020e                      | Stream              | 2020                         | Ashland       | 13.61           | Mainline ROW                           | N/A                                                   | Ephemeral          | UNT of Marengo River | --                          | --                                  | Yes                        |
| sasd1022p                      | Stream              | 2020                         | Ashland       | 13.61           | Mainline ROW                           | N/A                                                   | Perennial          | UNT of Marengo River | --                          | Perennial tributary of trout stream | Yes                        |
| wasd1050f                      | Wetland             | 2020                         | Ashland       | 13.61           | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wasd1050f                      | Wetland             | 2020                         | Ashland       | 13.62           | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wase1054s                      | Wetland             | 2020                         | Ashland       | 13.64           | Mainline ROW                           | Trench                                                | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |

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|-------------------------|--------------|-----------------------|---------|----------|---------------------------------|------------------------------------------------|--------------|-------------------------|----------------------|----------------------------|---------------------|
| sase1023e               | Stream       | 2020                  | Ashland | 13.64    | Mainline ROW                    | N/A                                            | Ephemeral    | UNT of Marengo River    | --                   | --                         | Yes                 |
| wase1060e               | Wetland      | 2020                  | Ashland | 13.65    | Mainline ROW                    | Trench                                         | N/A          | N/A                     | N/A                  | N/A                        | N/A                 |
| wase1060f               | Wetland      | 2020                  | Ashland | 13.66    | Mainline ROW                    | Trench                                         | N/A          | N/A                     | N/A                  | N/A                        | N/A                 |
| wase1059f               | Wetland      | 2020                  | Ashland | 13.66    | Mainline ROW                    | N/A                                            | N/A          | N/A                     | N/A                  | N/A                        | N/A                 |
| wase1060f               | Wetland      | 2020                  | Ashland | 13.77    | Mainline ROW                    | N/A                                            | N/A          | N/A                     | N/A                  | N/A                        | N/A                 |
| wase1060f               | Wetland      | 2020                  | Ashland | 13.78    | Mainline ROW                    | Trench                                         | N/A          | N/A                     | N/A                  | N/A                        | N/A                 |
| wasc1054e               | Wetland      | 2020                  | Ashland | 13.78    | Mainline ROW                    | HDD                                            | N/A          | N/A                     | N/A                  | N/A                        | N/A                 |
| wasc1053e               | Wetland      | 2020                  | Ashland | 13.84    | Mainline ROW                    | Trench                                         | N/A          | N/A                     | N/A                  | N/A                        | N/A                 |
| wasc1052s               | Wetland      | 2020                  | Ashland | 13.91    | Mainline ROW                    | HDD                                            | N/A          | N/A                     | N/A                  | N/A                        | N/A                 |
| wasc1057e               | Wetland      | 2020                  | Ashland | 13.92    | Access Road                     | N/A                                            | N/A          | N/A                     | N/A                  | N/A                        | N/A                 |
| sasa1005p               | River        | 2020                  | Ashland | 14.10    | Mainline ROW                    | HDD                                            | Perennial    | Brunsweler River        | ORW                  | Class III Trout, ASNRI-PNW | No                  |
| was1005s                | Wetland      | 2020                  | Ashland | 14.11    | Mainline ROW                    | HDD                                            | N/A          | N/A                     | N/A                  | N/A                        | N/A                 |
| was1004f                | Wetland      | 2020                  | Ashland | 14.14    | Access Road                     | N/A                                            | N/A          | N/A                     | N/A                  | N/A                        | N/A                 |
| was1006f                | Wetland      | 2020                  | Ashland | 14.17    | Mainline ROW                    | HDD                                            | N/A          | N/A                     | N/A                  | N/A                        | N/A                 |
| sasa1006i               | Stream       | 2020                  | Ashland | 14.17    | Mainline ROW                    | HDD                                            | Intermittent | UNT of Brunsweler River | --                   | --                         | Yes                 |
| was1006f                | Wetland      | 2020                  | Ashland | 14.19    | Mainline ROW                    | HDD                                            | N/A          | N/A                     | N/A                  | N/A                        | N/A                 |
| wasc1030e               | Wetland      | 2020                  | Ashland | 14.34    | Mainline ROW                    | HDD                                            | N/A          | N/A                     | N/A                  | N/A                        | N/A                 |
| wasc1028e               | Wetland      | 2020                  | Ashland | 14.35    | Mainline ROW                    | N/A                                            | N/A          | N/A                     | N/A                  | N/A                        | N/A                 |
| wasc1028e               | Wetland      | 2020                  | Ashland | 14.36    | Mainline ROW                    | HDD                                            | N/A          | N/A                     | N/A                  | N/A                        | N/A                 |
| wasc1028e               | Wetland      | 2020                  | Ashland | 14.40    | Mainline ROW                    | HDD                                            | N/A          | N/A                     | N/A                  | N/A                        | N/A                 |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|--------------------------------|-----------------------------|-------------------------------------------|----------------------------|
| sasc1004e_x<br>1               | Ditch               | 2020                         | Ashland       | 14.45           | Mainline ROW                           | N/A                                                   | Ephemeral          | UNT of<br>Brunsweiler<br>River | --                          | --                                        | Yes                        |
| sasc1005e                      | Ditch               | 2020                         | Ashland       | 14.47           | Mainline ROW                           | OC/DC                                                 | Ephemeral          | UNT of<br>Brunsweiler<br>River | --                          | --                                        | Yes                        |
| sasc1004e_x<br>2               | Ditch               | 2020                         | Ashland       | 14.49           | Access Road                            | N/A                                                   | Ephemeral          | UNT of<br>Brunsweiler<br>River | --                          | --                                        | Yes                        |
| sasc1004e_x<br>3               | Ditch               | 2020                         | Ashland       | 14.50           | Access Road                            | N/A                                                   | Ephemeral          | UNT of<br>Brunsweiler<br>River | --                          | --                                        | Yes                        |
| wasc1026e                      | Wetland             | 2020                         | Ashland       | 14.50           | Access Road                            | N/A                                                   | N/A                | N/A                            | N/A                         | N/A                                       | N/A                        |
| wasc1025s                      | Wetland             | 2020                         | Ashland       | 14.52           | Mainline ROW                           | Trench                                                | N/A                | N/A                            | N/A                         | N/A                                       | N/A                        |
| wasc1024e                      | Wetland             | 2020                         | Ashland       | 14.62           | Mainline ROW                           | Trench                                                | N/A                | N/A                            | N/A                         | N/A                                       | N/A                        |
| wasc1031e                      | Wetland             | 2020                         | Ashland       | 14.63           | Mainline ROW                           | Trench                                                | N/A                | N/A                            | N/A                         | N/A                                       | N/A                        |
| wasc1032e                      | Wetland             | 2020                         | Ashland       | 14.67           | Access Road                            | N/A                                                   | N/A                | N/A                            | N/A                         | N/A                                       | N/A                        |
| wasc1032e                      | Wetland             | 2020                         | Ashland       | 14.68           | Access Road                            | N/A                                                   | N/A                | N/A                            | N/A                         | N/A                                       | N/A                        |
| wasc1033s                      | Wetland             | 2020                         | Ashland       | 14.72           | Mainline ROW                           | N/A                                                   | N/A                | N/A                            | N/A                         | N/A                                       | N/A                        |
| wasc1033e                      | Wetland             | 2020                         | Ashland       | 14.72           | Mainline ROW                           | Trench                                                | N/A                | N/A                            | N/A                         | N/A                                       | N/A                        |
| sasc1006p                      | Stream              | 2020                         | Ashland       | 14.73           | Mainline ROW                           | DC                                                    | Perennial          | UNT of<br>Brunsweiler<br>River | --                          | Perennial<br>tributary of<br>trout stream | Yes                        |
| wasc1033e                      | Wetland             | 2020                         | Ashland       | 14.73           | Mainline ROW                           | Trench                                                | N/A                | N/A                            | N/A                         | N/A                                       | N/A                        |
| wasc1033s                      | Wetland             | 2020                         | Ashland       | 14.73           | Mainline ROW                           | Trench                                                | N/A                | N/A                            | N/A                         | N/A                                       | N/A                        |
| sasc1007e                      | Stream              | 2020                         | Ashland       | 14.82           | Mainline ROW                           | N/A                                                   | Ephemeral          | UNT of<br>Brunsweiler<br>River | --                          | --                                        | Yes                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|--------------------------------|-----------------------------|------------------------------|----------------------------|
| sasc1009e_x<br>1               | Stream              | 2020                         | Ashland       | 14.91           | Mainline ROW                           | N/A                                                   | Ephemeral          | UNT of<br>Brunsweiler<br>River | --                          | --                           | Yes                        |
| sasc1009e_x<br>2               | Stream              | 2020                         | Ashland       | 14.92           | Mainline ROW                           | OC/DC                                                 | Ephemeral          | UNT of<br>Brunsweiler<br>River | --                          | --                           | Yes                        |
| was1072f                       | Wetland             | 2020                         | Ashland       | 14.96           | Mainline ROW                           | Trench                                                | N/A                | N/A                            | N/A                         | N/A                          | N/A                        |
| sasa1028i                      | Stream              | 2020                         | Ashland       | 14.96           | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of<br>Brunsweiler<br>River | --                          | --                           | Yes                        |
| was1072f                       | Wetland             | 2020                         | Ashland       | 14.96           | Mainline ROW                           | Trench                                                | N/A                | N/A                            | N/A                         | N/A                          | N/A                        |
| sasa1027e                      | Stream              | 2020                         | Ashland       | 15.03           | Access Road                            | N/A                                                   | Ephemeral          | UNT of<br>Brunsweiler<br>River | --                          | --                           | Yes                        |
| sasa1026e                      | Ditch               | 2020                         | Ashland       | 15.08           | Access Road                            | N/A                                                   | Ephemeral          | UNT of<br>Brunsweiler<br>River | --                          | --                           | Yes                        |
| WDH-18                         | WDH                 | N/A                          | Ashland       | 15.18           | Mainline ROW                           | HDD                                                   | Intermittent       | UNT of<br>Brunsweiler<br>River | --                          | --                           | Yes                        |
| wasc1036s                      | Wetland             | 2020                         | Ashland       | 15.25           | Mainline ROW                           | HDD                                                   | N/A                | N/A                            | N/A                         | N/A                          | N/A                        |
| wasc1036s                      | Wetland             | 2020                         | Ashland       | 15.28           | Mainline ROW                           | HDD                                                   | N/A                | N/A                            | N/A                         | N/A                          | N/A                        |
| sasc1010i                      | Stream              | 2020                         | Ashland       | 15.28           | Mainline ROW                           | HDD                                                   | Intermittent       | UNT of<br>Brunsweiler<br>River | --                          | --                           | No                         |
| wasc1036s                      | Wetland             | 2020                         | Ashland       | 15.28           | Mainline ROW                           | HDD                                                   | N/A                | N/A                            | N/A                         | N/A                          | N/A                        |
| wasc1035e                      | Wetland             | 2020                         | Ashland       | 15.35           | Mainline ROW                           | HDD                                                   | N/A                | N/A                            | N/A                         | N/A                          | N/A                        |
| wasc1034e                      | Wetland             | 2020                         | Ashland       | 15.41           | Mainline ROW                           | HDD                                                   | N/A                | N/A                            | N/A                         | N/A                          | N/A                        |
| wasc1015e                      | Wetland             | 2020                         | Ashland       | 15.41           | Mainline ROW                           | HDD                                                   | N/A                | N/A                            | N/A                         | N/A                          | N/A                        |
| wasc1016e                      | Wetland             | 2020                         | Ashland       | 15.48           | Mainline ROW                           | HDD                                                   | N/A                | N/A                            | N/A                         | N/A                          | N/A                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|--------------------|-----------------------------|-------------------------------------|----------------------------|
| WDH-20                         | WDH                 | N/A                          | Ashland       | 15.58           | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Trout Brook | --                          | --                                  | Yes                        |
| wasc1017e                      | Wetland             | 2020                         | Ashland       | 15.58           | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1017e                      | Wetland             | 2020                         | Ashland       | 15.64           | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1017e                      | Wetland             | 2020                         | Ashland       | 15.65           | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1018e                      | Wetland             | 2020                         | Ashland       | 15.71           | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1021e                      | Wetland             | 2020                         | Ashland       | 15.79           | Mainline ROW                           | Trench                                                | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1014f                      | Wetland             | 2020                         | Ashland       | 15.85           | Mainline ROW                           | Trench                                                | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| sasc1003p_x<br>1               | Stream              | 2020                         | Ashland       | 15.86           | Mainline ROW                           | DC                                                    | Perennial          | UNT of Trout Brook | --                          | Perennial tributary of trout stream | Yes                        |
| wasc1014f                      | Wetland             | 2020                         | Ashland       | 15.86           | Mainline ROW                           | Trench                                                | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| sasc1003p_x<br>2               | Stream              | 2020                         | Ashland       | 15.87           | Mainline ROW                           | N/A                                                   | Perennial          | UNT of Trout Brook | --                          | Perennial tributary of trout stream | Yes                        |
| wasc1012e                      | Wetland             | 2020                         | Ashland       | 15.92           | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1013e                      | Wetland             | 2020                         | Ashland       | 15.92           | Mainline ROW                           | Trench                                                | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| sasc1001i                      | Stream              | 2020                         | Ashland       | 15.98           | Access Road                            | N/A                                                   | Intermittent       | UNT of Trout Brook | --                          | --                                  | Yes                        |
| wasc1011s                      | Wetland             | 2020                         | Ashland       | 15.99           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1011e                      | Wetland             | 2020                         | Ashland       | 15.99           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1011s                      | Wetland             | 2020                         | Ashland       | 15.99           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1010e                      | Wetland             | 2020                         | Ashland       | 15.99           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1010e                      | Wetland             | 2020                         | Ashland       | 16.00           | Mainline ROW                           | Trench                                                | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1010s                      | Wetland             | 2020                         | Ashland       | 16.01           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1010s                      | Wetland             | 2020                         | Ashland       | 16.01           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|------------------|-----------------------------|------------------------------|----------------------------|
| wasc1007e                      | Wetland             | 2020                         | Ashland       | 16.03           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1008e                      | Wetland             | 2020                         | Ashland       | 16.03           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1010s                      | Wetland             | 2020                         | Ashland       | 16.05           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1010e                      | Wetland             | 2020                         | Ashland       | 16.09           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1010e                      | Wetland             | 2020                         | Ashland       | 16.10           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1010e                      | Wetland             | 2020                         | Ashland       | 16.10           | Permanent Access Road                  | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1010s                      | Wetland             | 2020                         | Ashland       | 16.10           | Permanent Access Road                  | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1010s                      | Wetland             | 2020                         | Ashland       | 16.10           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1010e                      | Wetland             | 2020                         | Ashland       | 16.10           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1010s                      | Wetland             | 2020                         | Ashland       | 16.10           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1010e                      | Wetland             | 2020                         | Ashland       | 16.13           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1010e                      | Wetland             | 2020                         | Ashland       | 16.14           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1047e                      | Wetland             | 2020                         | Ashland       | 16.17           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1006e                      | Wetland             | 2020                         | Ashland       | 16.20           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1005e                      | Wetland             | 2020                         | Ashland       | 16.33           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1002e                      | Wetland             | 2020                         | Ashland       | 16.37           | Mainline ROW                           | HDD                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1002e                      | Wetland             | 2020                         | Ashland       | 16.40           | Mainline ROW                           | HDD                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1038e                      | Wetland             | 2020                         | Ashland       | 16.40           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1037e                      | Wetland             | 2020                         | Ashland       | 16.40           | Mainline ROW                           | HDD                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1039e                      | Wetland             | 2020                         | Ashland       | 16.44           | Mainline ROW                           | HDD                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wasc1041f                      | Wetland             | 2020                         | Ashland       | 16.57           | Mainline ROW                           | HDD                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |

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| <b>Feature ID <sup>a</sup></b> | <b>Feature Type</b> | <b>Data Collected (Year)</b> | <b>County</b> | <b>Milepost</b> | <b>Project Component Name/Location</b> | <b>Proposed Pipeline Crossing Method <sup>b</sup></b> | <b>Flow Regime</b> | <b>USGS Name</b>   | <b>ORW/ERW <sup>c</sup></b> | <b>Agency Classification</b>        | <b>Bridge <sup>d</sup></b> |
|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|--------------------|-----------------------------|-------------------------------------|----------------------------|
| sasc1012p                      | River               | 2020                         | Ashland       | 16.58           | Mainline ROW                           | HDD                                                   | Perennial          | Trout Brook        | --                          | Class III Trout, ASNRI-PNW          | No                         |
| wasc1041f                      | Wetland             | 2020                         | Ashland       | 16.59           | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1046e                      | Wetland             | 2020                         | Ashland       | 16.74           | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1045f                      | Wetland             | 2020                         | Ashland       | 16.77           | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| sasc1014p_x<br>1               | Stream              | 2020                         | Ashland       | 16.77           | Mainline ROW                           | HDD                                                   | Perennial          | UNT of Billy Creek | --                          | Perennial tributary of trout stream | Yes                        |
| wasc1045f                      | Wetland             | 2020                         | Ashland       | 16.77           | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1045f                      | Wetland             | 2020                         | Ashland       | 16.77           | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1045e                      | Wetland             | 2020                         | Ashland       | 16.77           | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| sasc1014p_x<br>2               | Stream              | 2020                         | Ashland       | 16.77           | Mainline ROW                           | N/A                                                   | Perennial          | UNT of Billy Creek | --                          | Perennial tributary of trout stream | Yes                        |
| wasc1045e                      | Wetland             | 2020                         | Ashland       | 16.78           | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1044s                      | Wetland             | 2020                         | Ashland       | 16.81           | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1042e                      | Wetland             | 2020                         | Ashland       | 16.90           | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc1043e                      | Wetland             | 2020                         | Ashland       | 16.90           | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| sasc028e                       | Ditch               | 2019                         | Ashland       | 16.91           | Mainline ROW                           | N/A                                                   | Ephemeral          | UNT of Billy Creek | --                          | --                                  | Yes                        |
| wasc034e                       | Wetland             | 2019, 2020                   | Ashland       | 16.93           | Mainline ROW                           | Trench                                                | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| sasc026e                       | Stream              | 2019, 2020                   | Ashland       | 16.94           | Mainline ROW                           | OC/DC                                                 | Ephemeral          | UNT of Billy Creek | --                          | --                                  | Yes                        |
| wasc034e                       | Wetland             | 2019, 2020                   | Ashland       | 16.94           | Mainline ROW                           | Trench                                                | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasb1001e                      | Wetland             | 2020                         | Ashland       | 17.01           | Mainline ROW                           | Trench                                                | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasb1002e                      | Wetland             | 2020                         | Ashland       | 17.04           | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |
| wasc032e                       | Wetland             | 2019                         | Ashland       | 17.08           | Mainline ROW                           | Trench                                                | N/A                | N/A                | N/A                         | N/A                                 | N/A                        |

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|-------------------------|--------------|-----------------------|---------|----------|---------------------------------|------------------------------------------------|--------------|--------------------|----------------------|--------------------------|---------------------|
| sasc025i                | Stream       | 2019                  | Ashland | 17.09    | Mainline ROW                    | OC/DC                                          | Intermittent | UNT of Billy Creek | --                   | --                       | Yes                 |
| wasc032e                | Wetland      | 2019                  | Ashland | 17.09    | Mainline ROW                    | Trench                                         | N/A          | N/A                | N/A                  | N/A                      | N/A                 |
| sasb1001e               | Stream       | 2020                  | Ashland | 17.10    | Mainline ROW                    | N/A                                            | Ephemeral    | UNT of Billy Creek | --                   | --                       | Yes                 |
| wasc032e                | Wetland      | 2019, 2020            | Ashland | 17.12    | Mainline ROW                    | N/A                                            | N/A          | N/A                | N/A                  | N/A                      | N/A                 |
| sasb1002i               | Stream       | 2020                  | Ashland | 17.12    | Mainline ROW                    | N/A                                            | Intermittent | UNT of Billy Creek | --                   | --                       | Yes                 |
| wasc032e                | Wetland      | 2019, 2020            | Ashland | 17.12    | Mainline ROW                    | N/A                                            | N/A          | N/A                | N/A                  | N/A                      | N/A                 |
| sasc025i_x              | Stream       | 2019, 2020            | Ashland | 17.15    | Mainline ROW                    | N/A                                            | Intermittent | UNT of Billy Creek | --                   | --                       | Yes                 |
| sasb1004e               | Stream       | 2020                  | Ashland | 17.16    | Mainline ROW                    | N/A                                            | Ephemeral    | UNT of Billy Creek | --                   | --                       | Yes                 |
| wasb1004f               | Wetland      | 2020                  | Ashland | 17.23    | Mainline ROW                    | N/A                                            | N/A          | N/A                | N/A                  | N/A                      | N/A                 |
| sasb1007e               | Stream       | 2020                  | Ashland | 17.24    | Mainline ROW                    | HDD                                            | Ephemeral    | UNT of Billy Creek | --                   | --                       | Yes                 |
| wasb1008e               | Wetland      | 2020                  | Ashland | 17.25    | Mainline ROW                    | N/A                                            | N/A          | N/A                | N/A                  | N/A                      | N/A                 |
| sasc022p                | Stream       | 2019                  | Ashland | 17.25    | Mainline ROW                    | HDD                                            | Perennial    | Billy Creek        | --                   | Class I Trout, ASNRI-PNW | No                  |
| sasb1005i               | Stream       | 2020                  | Ashland | 17.28    | Mainline ROW                    | N/A                                            | Intermittent | UNT of Billy Creek | --                   | --                       | Yes                 |
| wasb1009s               | Wetland      | 2020                  | Ashland | 17.28    | Mainline ROW                    | N/A                                            | N/A          | N/A                | N/A                  | N/A                      | N/A                 |
| wasw034f                | Wetland      | 2019                  | Ashland | 17.69    | Mainline ROW                    | Trench                                         | N/A          | N/A                | N/A                  | N/A                      | N/A                 |
| wase001e                | Wetland      | 2019                  | Ashland | 18.51    | Mainline ROW                    | Trench                                         | N/A          | N/A                | N/A                  | N/A                      | N/A                 |
| wasb1012e               | Wetland      | 2020                  | Ashland | 18.74    | Mainline ROW                    | N/A                                            | N/A          | N/A                | N/A                  | N/A                      | N/A                 |
| wasd1024e               | Wetland      | 2020                  | Ashland | 18.85    | Mainline ROW                    | HDD                                            | N/A          | N/A                | N/A                  | N/A                      | N/A                 |
| wasd1024f1              | Wetland      | 2020                  | Ashland | 18.85    | Mainline ROW                    | HDD                                            | N/A          | N/A                | N/A                  | N/A                      | N/A                 |
| wasd1024e               | Wetland      | 2020                  | Ashland | 18.86    | Mainline ROW                    | HDD                                            | N/A          | N/A                | N/A                  | N/A                      | N/A                 |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|---------------------|-----------------------------|-------------------------------------|----------------------------|
| wasd1024f2                     | Wetland             | 2020                         | Ashland       | 18.88           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasd1024s                      | Wetland             | 2020                         | Ashland       | 18.99           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasd1025f                      | Wetland             | 2020                         | Ashland       | 19.07           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| sasd1012i                      | Stream              | 2020                         | Ashland       | 19.08           | Mainline ROW                           | N/A                                                   | Intermittent       | UNT of Silver Creek | --                          | --                                  | Yes                        |
| sasd1013p                      | Stream              | 2020                         | Ashland       | 19.09           | Mainline ROW                           | HDD                                                   | Perennial          | UNT of Silver Creek | --                          | Perennial tributary of trout stream | Yes                        |
| wasd1026f                      | Wetland             | 2020                         | Ashland       | 19.09           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| sasd1011p_x<br>1               | River               | 2020                         | Ashland       | 19.09           | Mainline ROW                           | HDD                                                   | Perennial          | Silver Creek        | --                          | Class II Trout, ASNRI-PNW           | Yes                        |
| sasd1011p_x<br>2               | River               | 2020                         | Ashland       | 19.14           | Mainline ROW                           | HDD                                                   | Perennial          | Silver Creek        | --                          | Class II Trout, ASNRI-PNW           | Yes                        |
| wasd1026f                      | Wetland             | 2020                         | Ashland       | 19.14           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasd1028f                      | Wetland             | 2020                         | Ashland       | 19.20           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| sasd1011p_x<br>3               | River               | 2020                         | Ashland       | 19.20           | Mainline ROW                           | HDD                                                   | Perennial          | Silver Creek        | --                          | Class II Trout, ASNRI-PNW           | Yes                        |
| wasd1028f                      | Wetland             | 2020                         | Ashland       | 19.22           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                                 | No                         |
| wase1024e                      | Wetland             | 2020                         | Ashland       | 19.43           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | No                         |
| wase1024e                      | Wetland             | 2020                         | Ashland       | 19.44           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wase1024e                      | Wetland             | 2020                         | Ashland       | 19.44           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wase1024e                      | Wetland             | 2020                         | Ashland       | 19.45           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | No                         |
| wasd1030s                      | Wetland             | 2020                         | Ashland       | 19.50           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| oasd1002                       | Pond                | 2020                         | Ashland       | 19.71           | Mainline ROW                           | N/A                                                   | Perennial          | Pond                | --                          | --                                  | N/A                        |
| wasd1032e                      | Wetland             | 2020                         | Ashland       | 19.73           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasd139s                       | Wetland             | 2019                         | Ashland       | 19.78           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|---------------------|-----------------------------|-------------------------------------|----------------------------|
| wasd1035s                      | Wetland             | 2020                         | Ashland       | 19.78           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| sasa071p                       | River               | 2019                         | Ashland       | 19.78           | Access Road                            | N/A                                                   | Perennial          | UNT of Silver Creek | --                          | Perennial tributary of trout stream | Yes                        |
| sasa070e                       | Stream              | 2019                         | Ashland       | 19.78           | Access Road                            | N/A                                                   | Ephemeral          | UNT of Silver Creek | --                          | --                                  | Yes                        |
| wasd1035s                      | Wetland             | 2020                         | Ashland       | 19.78           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasd1035s                      | Wetland             | 2020                         | Ashland       | 19.78           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasd140s                       | Wetland             | 2019                         | Ashland       | 19.78           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasd138f                       | Wetland             | 2019                         | Ashland       | 19.78           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| sasd1017p                      | Stream              | 2020                         | Ashland       | 19.78           | Mainline ROW                           | N/A                                                   | Perennial          | UNT of Silver Creek | --                          | Perennial tributary of trout stream | Yes                        |
| wasd138f                       | Wetland             | 2019                         | Ashland       | 19.78           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| sasa071p_x1                    | Stream              | 2019, 2020                   | Ashland       | 19.79           | Mainline ROW                           | N/A                                                   | Perennial          | UNT of Silver Creek | --                          | Perennial tributary of trout stream | Yes                        |
| sasa071p_x2                    | Stream              | 2019, 2020                   | Ashland       | 19.79           | Mainline ROW                           | N/A                                                   | Perennial          | UNT of Silver Creek | --                          | Perennial tributary of trout stream | Yes                        |
| wasd139f                       | Wetland             | 2019, 2020                   | Ashland       | 19.79           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasd139f                       | Wetland             | 2019, 2020                   | Ashland       | 19.79           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasd139e                       | Wetland             | 2019, 2020                   | Ashland       | 19.79           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasd1033f                      | Wetland             | 2020                         | Ashland       | 19.82           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasd1033f                      | Wetland             | 2020                         | Ashland       | 19.83           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasd1033s                      | Wetland             | 2020                         | Ashland       | 19.83           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| sasd1015p                      | Stream              | 2020                         | Ashland       | 19.83           | Mainline ROW                           | DC                                                    | Perennial          | UNT of Silver Creek | --                          | Perennial tributary of trout stream | Yes                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|---------------------|-----------------------------|-------------------------------------|----------------------------|
| wasd1034f                      | Wetland             | 2020                         | Ashland       | 19.84           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wase1026e                      | Wetland             | 2020                         | Ashland       | 19.90           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wase1026e                      | Wetland             | 2020                         | Ashland       | 19.90           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wase1028f                      | Wetland             | 2020                         | Ashland       | 19.97           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wase1030e                      | Wetland             | 2020                         | Ashland       | 19.98           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wase1031f                      | Wetland             | 2020                         | Ashland       | 20.02           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| was139e                        | Wetland             | 2019, 2020                   | Ashland       | 20.10           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| was139e                        | Wetland             | 2019, 2020                   | Ashland       | 20.11           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wase1034f                      | Wetland             | 2020                         | Ashland       | 20.20           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wase1034e                      | Wetland             | 2020                         | Ashland       | 20.20           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wase1034f                      | Wetland             | 2020                         | Ashland       | 20.20           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wase1034f                      | Wetland             | 2020                         | Ashland       | 20.21           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| sase1007p                      | River               | 2020                         | Ashland       | 20.21           | Access Road                            | N/A                                                   | Perennial          | Silver Creek        | --                          | Class II Trout, ASNRI-PNW           | Yes                        |
| wase1035f                      | Wetland             | 2020                         | Ashland       | 20.22           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wase006f                       | Wetland             | 2019                         | Ashland       | 20.30           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| sase005p_x1                    | Stream              | 2019                         | Ashland       | 20.61           | Access Road                            | N/A                                                   | Perennial          | UNT of Silver Creek | --                          | Perennial tributary of trout stream | Yes                        |
| sase005p_x2                    | Stream              | 2019                         | Ashland       | 20.61           | Mainline ROW                           | DC                                                    | Perennial          | UNT of Silver Creek | --                          | Perennial tributary of trout stream | Yes                        |
| wase010f                       | Wetland             | 2019                         | Ashland       | 20.68           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wase012e                       | Wetland             | 2019                         | Ashland       | 20.75           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv010e                       | Wetland             | 2019                         | Ashland       | 20.82           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv009e                       | Wetland             | 2019                         | Ashland       | 20.82           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |

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| Feature ID <sup>a</sup> | Feature Type      | Data Collected (Year) | County             | Milepost         | Project Component Name/Location | Proposed Pipeline Crossing Method <sup>b</sup> | Flow Regime          | USGS Name                      | ORW/ERW <sup>c</sup> | Agency Classification                          | Bridge <sup>d</sup> |
|-------------------------|-------------------|-----------------------|--------------------|------------------|---------------------------------|------------------------------------------------|----------------------|--------------------------------|----------------------|------------------------------------------------|---------------------|
| wasv013f                | Wetland           | 2019                  | Ashland            | 20.84            | Mainline ROW                    | Trench                                         | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |
| wasv008e                | Wetland           | 2019                  | Ashland            | 20.84            | Access Road                     | N/A                                            | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |
| wasv007e                | Wetland           | 2019                  | Ashland            | 20.84            | Access Road                     | N/A                                            | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |
| wasv007e                | Wetland           | 2019                  | Ashland            | 20.85            | Access Road                     | N/A                                            | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |
| <del>sasv001p</del>     | <del>Stream</del> | <del>2019</del>       | <del>Ashland</del> | <del>20.85</del> | <del>Access Road</del>          | <del>N/A</del>                                 | <del>Perennial</del> | <del>UNT of Silver Creek</del> | <del>--</del>        | <del>Perennial tributary of trout stream</del> | <del>Yes</del>      |
| wasv006e1               | Wetland           | 2019                  | Ashland            | 20.85            | Access Road                     | N/A                                            | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |
| wasv007e                | Wetland           | 2019                  | Ashland            | 20.85            | Access Road                     | N/A                                            | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |
| sasv001p                | Stream            | 2019                  | Ashland            | 20.85            | Access Road                     | N/A                                            | Perennial            | UNT of Silver Creek            | --                   | Perennial tributary of trout stream            | Yes                 |
| wasv006e2               | Wetland           | 2019                  | Ashland            | 20.85            | Access Road                     | N/A                                            | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |
| wasv003f                | Wetland           | 2019                  | Ashland            | 20.86            | Access Road                     | N/A                                            | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |
| wasv004e                | Wetland           | 2019                  | Ashland            | 20.86            | Access Road                     | N/A                                            | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |
| wasv003e                | Wetland           | 2019                  | Ashland            | 20.86            | Access Road                     | N/A                                            | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |
| wasv005e                | Wetland           | 2019                  | Ashland            | 20.86            | Access Road                     | N/A                                            | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |
| wasv011f                | Wetland           | 2019                  | Ashland            | 20.88            | Mainline ROW                    | N/A                                            | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |
| wasv014f                | Wetland           | 2019                  | Ashland            | 20.92            | Mainline ROW                    | N/A                                            | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |
| wasv014f                | Wetland           | 2019                  | Ashland            | 20.95            | Mainline ROW                    | N/A                                            | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |
| sasv002e                | Stream            | 2019                  | Ashland            | 20.96            | Mainline ROW                    | OC/DC                                          | Ephemeral            | UNT of Silver Creek            | --                   | --                                             | Yes                 |
| wasv016f1               | Wetland           | 2019                  | Ashland            | 20.96            | Mainline ROW                    | Trench                                         | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |
| wasv016f2               | Wetland           | 2019                  | Ashland            | 20.97            | Mainline ROW                    | Trench                                         | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |
| wasv016e                | Wetland           | 2019                  | Ashland            | 20.98            | Mainline ROW                    | Trench                                         | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |
| wasv017e                | Wetland           | 2019                  | Ashland            | 21.03            | Mainline ROW                    | Trench                                         | N/A                  | N/A                            | N/A                  | N/A                                            | N/A                 |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|---------------------|-----------------------------|-------------------------------------|----------------------------|
| wasv017e                       | Wetland             | 2019                         | Ashland       | 21.09           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv001f2                      | Wetland             | 2019                         | Ashland       | 21.10           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv001e                       | Wetland             | 2019                         | Ashland       | 21.10           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv001f1                      | Wetland             | 2019                         | Ashland       | 21.10           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv002e                       | Wetland             | 2019                         | Ashland       | 21.10           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv017e                       | Wetland             | 2019                         | Ashland       | 21.12           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv020e                       | Wetland             | 2019                         | Ashland       | 21.18           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv019e2                      | Wetland             | 2019                         | Ashland       | 21.25           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv019f2                      | Wetland             | 2019                         | Ashland       | 21.27           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| sasv004p                       | Stream              | 2019                         | Ashland       | 21.28           | Mainline ROW                           | DC                                                    | Perennial          | UNT of Silver Creek | --                          | Perennial tributary of trout stream | Yes                        |
| wasv019f1                      | Wetland             | 2019                         | Ashland       | 21.29           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| sasv006i                       | Stream              | 2019                         | Ashland       | 21.29           | Mainline ROW                           | N/A                                                   | Intermittent       | UNT of Silver Creek | --                          | --                                  | Yes                        |
| sasv006i                       | Stream              | 2019                         | Ashland       | 21.30           | Mainline ROW                           | N/A                                                   | Intermittent       | UNT of Silver Creek | --                          | --                                  | Yes                        |
| wasv019e1                      | Wetland             | 2019                         | Ashland       | 21.35           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv022e                       | Wetland             | 2019                         | Ashland       | 21.42           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv022e                       | Wetland             | 2019                         | Ashland       | 21.47           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv022e                       | Wetland             | 2019                         | Ashland       | 21.57           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv023e1                      | Wetland             | 2019                         | Ashland       | 21.69           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| sasv007i                       | Stream              | 2019                         | Ashland       | 21.70           | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Krause Creek | --                          | --                                  | Yes                        |
| wasv023e3                      | Wetland             | 2019                         | Ashland       | 21.70           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|---------------------|-----------------------------|-------------------------------------|----------------------------|
| wasv025e                       | Wetland             | 2019                         | Ashland       | 21.86           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv024e1                      | Wetland             | 2019                         | Ashland       | 21.86           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv026s                       | Wetland             | 2019                         | Ashland       | 21.86           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv024s                       | Wetland             | 2019                         | Ashland       | 21.87           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv024e2                      | Wetland             | 2019                         | Ashland       | 21.88           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv064e                       | Wetland             | 2019                         | Ashland       | 21.91           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv065e                       | Wetland             | 2019                         | Ashland       | 21.91           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| sasv020p                       | Stream              | 2019                         | Ashland       | 22.01           | Mainline ROW                           | DC                                                    | Perennial          | UNT of Krause Creek | --                          | Perennial tributary of trout stream | Yes                        |
| wasv062f1                      | Wetland             | 2019                         | Ashland       | 22.01           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv062f5                      | Wetland             | 2019                         | Ashland       | 22.02           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv062f3                      | Wetland             | 2019                         | Ashland       | 22.02           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv062f4                      | Wetland             | 2019                         | Ashland       | 22.02           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv062e                       | Wetland             | 2019                         | Ashland       | 22.07           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv063e                       | Wetland             | 2019                         | Ashland       | 22.07           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv062f2                      | Wetland             | 2019                         | Ashland       | 22.08           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv061f                       | Wetland             | 2019                         | Ashland       | 22.19           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasv059f1                      | Wetland             | 2019                         | Ashland       | 22.25           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| sasv019p                       | Stream              | 2019                         | Ashland       | 22.28           | Mainline ROW                           | HDD                                                   | Perennial          | Krause Creek        | ERW                         | Class I Trout, ASNRI-PNW            | No                         |
| sasd1003e                      | Ditch               | 2020                         | Ashland       | 22.58           | Pipeyard                               | N/A                                                   | Ephemeral          | UNT of Bad River    | --                          | --                                  | Yes                        |
| wasc070e                       | Wetland             | 2019                         | Ashland       | 22.58           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |
| wasc070e                       | Wetland             | 2019                         | Ashland       | 22.59           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                                 | N/A                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|---------------------|-----------------------------|------------------------------|----------------------------|
| sasd1001e                      | Stream              | 2020                         | Ashland       | 22.61           | Pipeyard                               | N/A                                                   | Ephemeral          | UNT of Bad River    | --                          | --                           | Yes                        |
| sasd1002e                      | Stream              | 2020                         | Ashland       | 22.62           | Pipeyard                               | N/A                                                   | Ephemeral          | UNT of Bad River    | --                          | --                           | Yes                        |
| wasc069s                       | Wetland             | 2019                         | Ashland       | 22.63           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wasc071f                       | Wetland             | 2019                         | Ashland       | 22.70           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wasc072f                       | Wetland             | 2019                         | Ashland       | 22.90           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wasc074e                       | Wetland             | 2019                         | Ashland       | 22.90           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| sasc043i_x1                    | Stream              | 2019                         | Ashland       | 22.90           | Access Road                            | N/A                                                   | Intermittent       | UNT of Krause Creek | --                          | --                           | Yes                        |
| wasc074e                       | Wetland             | 2019                         | Ashland       | 22.90           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wasc074e                       | Wetland             | 2019                         | Ashland       | 22.91           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| sasc043i_x2                    | Stream              | 2019                         | Ashland       | 22.91           | Access Road                            | N/A                                                   | Intermittent       | UNT of Krause Creek | --                          | --                           | Yes                        |
| wasc076e                       | Wetland             | 2019                         | Ashland       | 22.95           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wasc076e                       | Wetland             | 2019                         | Ashland       | 22.95           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wasc075e                       | Wetland             | 2019                         | Ashland       | 22.99           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wasb010e                       | Wetland             | 2019                         | Ashland       | 23.01           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wasb010f                       | Wetland             | 2019                         | Ashland       | 23.01           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wasb010f                       | Wetland             | 2019                         | Ashland       | 23.06           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wasb010f                       | Wetland             | 2019                         | Ashland       | 23.09           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| sasb005e                       | Ditch               | 2019                         | Ashland       | 23.10           | Access Road                            | N/A                                                   | Ephemeral          | UNT of Bad River    | --                          | --                           | Yes                        |
| wasb010f                       | Wetland             | 2019                         | Ashland       | 23.18           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| sasb003e                       | Ditch               | 2019                         | Ashland       | 23.18           | Access Road                            | N/A                                                   | Ephemeral          | Ditch               | --                          | --                           | Yes                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|------------------|-----------------------------|-------------------------------------|----------------------------|
| wasb009f                       | Wetland             | 2019                         | Ashland       | 23.22           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| wasb011f                       | Wetland             | 2019                         | Ashland       | 23.35           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| wasb011f                       | Wetland             | 2019                         | Ashland       | 23.40           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| was038f                        | Wetland             | 2019                         | Ashland       | 23.48           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| was038f                        | Wetland             | 2019                         | Ashland       | 23.56           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| was038f                        | Wetland             | 2019                         | Ashland       | 23.67           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| sasa008p                       | Stream              | 2019                         | Ashland       | 23.72           | Mainline ROW                           | DC                                                    | Perennial          | UNT of Bad River | --                          | Perennial tributary of trout stream | Yes                        |
| was038f                        | Wetland             | 2019                         | Ashland       | 23.73           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| wasd1007e                      | Wetland             | 2020                         | Ashland       | 23.85           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| wasd1006e                      | Wetland             | 2020                         | Ashland       | 23.85           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| was037f                        | Wetland             | 2019                         | Ashland       | 23.92           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| was037f                        | Wetland             | 2019                         | Ashland       | 23.93           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| was037e                        | Wetland             | 2019                         | Ashland       | 23.95           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| was037e                        | Wetland             | 2019                         | Ashland       | 23.96           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| wasd024e                       | Wetland             | 2019                         | Ashland       | 23.99           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| wasd023e                       | Wetland             | 2019                         | Ashland       | 24.13           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| wasd023e                       | Wetland             | 2019, 2020                   | Ashland       | 24.15           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| wasb1014f                      | Wetland             | 2020                         | Ashland       | 24.15           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| wasb1014e                      | Wetland             | 2020                         | Ashland       | 24.16           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| wasb015e                       | Wetland             | 2019                         | Ashland       | 24.17           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |
| sasb006p                       | River               | 2019                         | Ashland       | 24.18           | Mainline ROW                           | HDD                                                   | Perennial          | Bad River        | ERW                         | Class III Trout, ASNRI-PNW          | No                         |
| wasd1008f                      | Wetland             | 2020                         | Ashland       | 24.19           | Mainline ROW                           | HDD                                                   | N/A                | N/A              | N/A                         | N/A                                 | N/A                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|-----------------------|-----------------------------|------------------------------|----------------------------|
| wasb005f                       | Wetland             | 2019                         | Ashland       | 24.34           | Mainline ROW                           | HDD                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wasb005e                       | Wetland             | 2019                         | Ashland       | 24.37           | Mainline ROW                           | HDD                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wasb003e                       | Wetland             | 2019                         | Ashland       | 24.43           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wasb003e                       | Wetland             | 2019                         | Ashland       | 24.43           | Mainline ROW                           | HDD                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wasb004e                       | Wetland             | 2019                         | Ashland       | 24.44           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wasb004s                       | Wetland             | 2019                         | Ashland       | 24.44           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| sasd1006e                      | Ditch               | 2020                         | Ashland       | 24.72           | Mainline ROW                           | OC/DC                                                 | Ephemeral          | UNT of Bad River      | --                          | --                           | Yes                        |
| wasd025e                       | Wetland             | 2019                         | Ashland       | 24.96           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wasd025e                       | Wetland             | 2019                         | Ashland       | 24.97           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wasd026s                       | Wetland             | 2019                         | Ashland       | 24.97           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wasd008f                       | Wetland             | 2019                         | Ashland       | 25.14           | Mainline ROW                           | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wasd008f                       | Wetland             | 2019, 2020                   | Ashland       | 25.34           | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wasd1013f                      | Wetland             | 2020                         | Ashland       | 25.41           | Mainline ROW                           | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| sasd1005e                      | Stream              | 2020                         | Ashland       | 25.41           | Mainline ROW                           | OC/DC                                                 | Ephemeral          | UNT of Montreal Creek | --                          | --                           | Yes                        |
| wasd1010f                      | Wetland             | 2020                         | Ashland       | 25.49           | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wasd1010f                      | Wetland             | 2020                         | Ashland       | 25.58           | Mainline ROW                           | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wasd1009f                      | Wetland             | 2020                         | Ashland       | 25.72           | Mainline ROW                           | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wase066e                       | Wetland             | 2019                         | Ashland       | 25.73           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wase062e                       | Wetland             | 2019                         | Ashland       | 25.73           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wase058f                       | Wetland             | 2019                         | Ashland       | 25.86           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wase058f                       | Wetland             | 2019                         | Ashland       | 25.92           | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wase058f                       | Wetland             | 2019                         | Ashland       | 25.93           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |

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| <b>Feature ID <sup>a</sup></b> | <b>Feature Type</b> | <b>Data Collected (Year)</b> | <b>County</b> | <b>Milepost</b> | <b>Project Component Name/Location</b> | <b>Proposed Pipeline Crossing Method <sup>b</sup></b> | <b>Flow Regime</b> | <b>USGS Name</b>          | <b>ORW/ERW <sup>c</sup></b> | <b>Agency Classification</b> | <b>Bridge <sup>d</sup></b> |
|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|---------------------------|-----------------------------|------------------------------|----------------------------|
| wase058e                       | Wetland             | 2019                         | Ashland       | 25.94           | Access Road                            | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wase058f                       | Wetland             | 2019                         | Ashland       | 25.94           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wase058f                       | Wetland             | 2019                         | Ashland       | 25.95           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wase059e                       | Wetland             | 2019                         | Ashland       | 25.98           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wase057f                       | Wetland             | 2019                         | Ashland       | 26.06           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wase056f                       | Wetland             | 2019                         | Ashland       | 26.12           | Access Road                            | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wase056e                       | Wetland             | 2019                         | Ashland       | 26.14           | Access Road                            | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wase054e                       | Wetland             | 2019                         | Ashland       | 26.18           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wase054s                       | Wetland             | 2019                         | Ashland       | 26.18           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wase052e                       | Wetland             | 2019                         | Ashland       | 26.23           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv042f                       | Wetland             | 2019                         | Ashland       | 26.29           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv039f                       | Wetland             | 2019                         | Ashland       | 26.42           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv039f                       | Wetland             | 2019                         | Ashland       | 26.44           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv038f                       | Wetland             | 2019                         | Ashland       | 26.53           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv035f                       | Wetland             | 2019                         | Ashland       | 26.69           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| sasv010i                       | Stream              | 2019                         | Ashland       | 26.69           | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Scott Taylor Creek | --                          | --                           | Yes                        |
| wasv032f                       | Wetland             | 2019                         | Ashland       | 26.84           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv030f                       | Wetland             | 2019                         | Ashland       | 27.02           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv029f3                      | Wetland             | 2019                         | Ashland       | 27.09           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv028f1                      | Wetland             | 2019                         | Ashland       | 27.10           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| sasv008i                       | Stream              | 2019                         | Ashland       | 27.10           | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Scott Taylor Creek | --                          | --                           | Yes                        |
| wasv028f2                      | Wetland             | 2019                         | Ashland       | 27.10           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|---------------------------|-----------------------------|------------------------------|----------------------------|
| wasv029e                       | Wetland             | 2019                         | Ashland       | 27.12           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv044e                       | Wetland             | 2019                         | Ashland       | 27.18           | Access Road                            | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv044e                       | Wetland             | 2019                         | Ashland       | 27.19           | Access Road                            | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| sasv012e                       | Stream              | 2019                         | Ashland       | 27.20           | Mainline ROW                           | OC/DC                                                 | Ephemeral          | UNT of Scott Taylor Creek | --                          | --                           | Yes                        |
| wasv045f3                      | Wetland             | 2019                         | Ashland       | 27.26           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv045f3                      | Wetland             | 2019                         | Ashland       | 27.27           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv048s1                      | Wetland             | 2019                         | Ashland       | 27.31           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv048e                       | Wetland             | 2019                         | Ashland       | 27.34           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv067e                       | Wetland             | 2019                         | Ashland       | 27.39           | Access Road                            | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv048e                       | Wetland             | 2019                         | Ashland       | 27.39           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv066e                       | Wetland             | 2019                         | Ashland       | 27.40           | Access Road                            | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv048s2                      | Wetland             | 2019                         | Ashland       | 27.43           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv067e                       | Wetland             | 2019                         | Ashland       | 27.47           | Access Road                            | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv053f3                      | Wetland             | 2019                         | Ashland       | 27.50           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| sasv016i                       | Stream              | 2019                         | Ashland       | 27.51           | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Scott Taylor Creek | --                          | --                           | Yes                        |
| wasv053f2                      | Wetland             | 2019                         | Ashland       | 27.51           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv053f1                      | Wetland             | 2019                         | Ashland       | 27.52           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv053e                       | Wetland             | 2019                         | Ashland       | 27.52           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv053f3                      | Wetland             | 2019                         | Ashland       | 27.52           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv054f5                      | Wetland             | 2019                         | Ashland       | 27.53           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv054e2                      | Wetland             | 2019                         | Ashland       | 27.53           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv054f2                      | Wetland             | 2019                         | Ashland       | 27.55           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|---------------------------|-----------------------------|------------------------------|----------------------------|
| sasv013i                       | Stream              | 2019                         | Ashland       | 27.56           | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Scott Taylor Creek | --                          | --                           | Yes                        |
| wasv054f1                      | Wetland             | 2019                         | Ashland       | 27.56           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv054f1                      | Wetland             | 2019                         | Ashland       | 27.58           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv055f                       | Wetland             | 2019                         | Ashland       | 27.60           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv055f                       | Wetland             | 2019                         | Ashland       | 27.68           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv056e1                      | Wetland             | 2019                         | Ashland       | 27.74           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv056e1                      | Wetland             | 2019                         | Ashland       | 27.76           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv056f4                      | Wetland             | 2019                         | Ashland       | 27.77           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv056e1                      | Wetland             | 2019                         | Ashland       | 27.77           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv056f3                      | Wetland             | 2019                         | Ashland       | 27.78           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| sasv017e                       | Swale               | 2019                         | Ashland       | 27.79           | Mainline ROW                           | N/A                                                   | Ephemeral          | UNT of Scott Taylor Creek | --                          | --                           | Yes                        |
| wasv056f2                      | Wetland             | 2019                         | Ashland       | 27.79           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv056f1                      | Wetland             | 2019                         | Ashland       | 27.85           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv056f1                      | Wetland             | 2019                         | Ashland       | 27.86           | Mainline ROW                           | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv057e                       | Wetland             | 2019                         | Ashland       | 27.94           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| sasv018i                       | Stream              | 2019                         | Ashland       | 27.94           | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Scott Taylor Creek | --                          | --                           | Yes                        |
| wasv057e                       | Wetland             | 2019                         | Ashland       | 27.94           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv058s1                      | Wetland             | 2019                         | Ashland       | 27.98           | Access Road                            | N/A                                                   | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv058s2                      | Wetland             | 2019                         | Ashland       | 28.03           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| wasv058e                       | Wetland             | 2019                         | Ashland       | 28.05           | Mainline ROW                           | Trench                                                | N/A                | N/A                       | N/A                         | N/A                          | N/A                        |
| sasa007e_x1                    | Ditch               | 2019                         | Ashland       | 28.06           | Mainline ROW                           | OC/DC                                                 | Ephemeral          | UNT of Gehrman Creek      | --                          | --                           | Yes                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|----------------------|-----------------------------|-------------------------------------|----------------------------|
| sasa007e_x2                    | Ditch               | 2019                         | Ashland       | 28.09           | Access Road                            | N/A                                                   | Ephemeral          | UNT of Gehrman Creek | --                          | --                                  | Yes                        |
| wasd032f                       | Wetland             | 2019                         | Ashland       | 28.22           | Mainline ROW                           | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| sasa006e                       | Ditch               | 2019                         | Ashland       | 28.24           | Mainline ROW                           | OC/DC                                                 | Ephemeral          | UNT of Gehrman Creek | --                          | --                                  | Yes                        |
| sasa005e                       | Ditch               | 2019                         | Ashland       | 28.25           | Mainline ROW                           | OC/DC                                                 | Ephemeral          | UNT of Gehrman Creek | --                          | --                                  | Yes                        |
| wasd031f                       | Wetland             | 2019                         | Ashland       | 28.39           | Mainline ROW                           | Trench                                                | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| sasa004p                       | Stream              | 2019                         | Ashland       | 28.39           | Mainline ROW                           | DC                                                    | Perennial          | UNT of Gehrman Creek | --                          | Perennial tributary of trout stream | Yes                        |
| wasd031f                       | Wetland             | 2019                         | Ashland       | 28.40           | Mainline ROW                           | Trench                                                | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| sasd017e                       | Stream              | 2019                         | Ashland       | 28.45           | Access Road                            | N/A                                                   | Ephemeral          | UNT of Gehrman Creek | --                          | --                                  | Yes                        |
| wasd032s                       | Wetland             | 2019                         | Ashland       | 28.45           | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wasd032s                       | Wetland             | 2019                         | Ashland       | 28.46           | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wasd033f                       | Wetland             | 2019                         | Ashland       | 28.54           | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| sasd018e                       | Stream              | 2019                         | Ashland       | 28.54           | Access Road                            | N/A                                                   | Ephemeral          | UNT of Gehrman Creek | --                          | --                                  | Yes                        |
| wasd033f                       | Wetland             | 2019                         | Ashland       | 28.55           | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| wasw022f                       | Wetland             | 2019                         | Ashland       | 28.62           | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |
| sasw011_x2                     | Stream              | 2019                         | Ashland       | 28.62           | Access Road                            | N/A                                                   | Intermittent       | UNT of Gehrman Creek | --                          | --                                  | Yes                        |
| wasd034e                       | Wetland             | 2019                         | Ashland       | 28.63           | Access Road                            | N/A                                                   | N/A                | N/A                  | N/A                         | N/A                                 | N/A                        |

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|-------------------------|--------------|-----------------------|---------|----------|---------------------------------|------------------------------------------------|--------------|----------------------|----------------------|---------------------------|---------------------|
| sasw011_x3              | Stream       | 2019                  | Ashland | 28.63    | Access Road                     | N/A                                            | Intermittent | UNT of Gehrman Creek | --                   | --                        | Yes                 |
| sasw011                 | Stream       | 2019                  | Ashland | 28.67    | Mainline ROW                    | OC/DC                                          | Intermittent | UNT of Gehrman Creek | --                   | --                        | Yes                 |
| wasw023ss               | Wetland      | 2019                  | Ashland | 28.67    | Mainline ROW                    | Trench                                         | N/A          | N/A                  | N/A                  | N/A                       | N/A                 |
| sasw010                 | Swale        | 2019                  | Ashland | 28.68    | Access Road                     | N/A                                            | Ephemeral    | UNT of Gehrman Creek | --                   | --                        | Yes                 |
| sasw008_x1              | Stream       | 2019                  | Ashland | 28.71    | Access Road                     | N/A                                            | Ephemeral    | Gehrman Creek        | --                   | Class II Trout, ASNRI-PNW | Yes                 |
| sasw009_x1              | Swale        | 2019                  | Ashland | 28.73    | Access Road                     | N/A                                            | Ephemeral    | UNT of Gehrman Creek | --                   | --                        | Yes                 |
| sasw009_x2              | Swale        | 2019                  | Ashland | 28.77    | Access Road                     | N/A                                            | Ephemeral    | UNT of Gehrman Creek | --                   | --                        | Yes                 |
| wasw024f                | Wetland      | 2019                  | Ashland | 28.77    | Mainline ROW                    | Trench                                         | N/A          | N/A                  | N/A                  | N/A                       | N/A                 |
| sasw007                 | Swale        | 2019                  | Ashland | 28.78    | Access Road                     | N/A                                            | Ephemeral    | UNT of Gehrman Creek | --                   | --                        | Yes                 |
| sasw008_x2              | Stream       | 2019                  | Ashland | 28.79    | Access Road                     | N/A                                            | Ephemeral    | Gehrman Creek        | --                   | Class II Trout, ASNRI-PNW | Yes                 |
| wasw014e                | Wetland      | 2019                  | Ashland | 28.80    | Access Road                     | N/A                                            | N/A          | N/A                  | N/A                  | N/A                       | N/A                 |
| wasw015e                | Wetland      | 2019                  | Ashland | 28.88    | Access Road                     | N/A                                            | N/A          | N/A                  | N/A                  | N/A                       | N/A                 |
| wasw015e                | Wetland      | 2019                  | Ashland | 28.89    | Mainline ROW                    | Trench                                         | N/A          | N/A                  | N/A                  | N/A                       | N/A                 |
| wasw019f                | Wetland      | 2019                  | Ashland | 29.23    | Mainline ROW                    | Trench                                         | N/A          | N/A                  | N/A                  | N/A                       | N/A                 |
| wasw021f                | Wetland      | 2019                  | Ashland | 29.38    | Mainline ROW                    | Trench                                         | N/A          | N/A                  | N/A                  | N/A                       | N/A                 |
| wasw027e_c              | Wetland      | 2019                  | Ashland | 29.45    | Access Road                     | N/A                                            | N/A          | N/A                  | N/A                  | N/A                       | N/A                 |

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| <b>Feature ID <sup>a</sup></b> | <b>Feature Type</b> | <b>Data Collected (Year)</b> | <b>County</b> | <b>Milepost</b> | <b>Project Component Name/Location</b> | <b>Proposed Pipeline Crossing Method <sup>b</sup></b> | <b>Flow Regime</b> | <b>USGS Name</b>       | <b>ORW/ERW <sup>c</sup></b> | <b>Agency Classification</b> | <b>Bridge <sup>d</sup></b> |
|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|------------------------|-----------------------------|------------------------------|----------------------------|
| wasw021f                       | Wetland             | 2019                         | Ashland       | 29.46           | Access Road                            | N/A                                                   | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |
| wasw021f                       | Wetland             | 2019                         | Ashland       | 29.46           | Access Road                            | N/A                                                   | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |
| wasw027e_b                     | Wetland             | 2019                         | Ashland       | 29.47           | Access Road                            | N/A                                                   | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |
| wasw027e_b                     | Wetland             | 2019                         | Ashland       | 29.47           | Access Road                            | N/A                                                   | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |
| wasw027e_a                     | Wetland             | 2019                         | Ashland       | 29.48           | Access Road                            | N/A                                                   | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |
| wasw027e                       | Wetland             | 2019                         | Ashland       | 29.48           | Access Road                            | N/A                                                   | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |
| wasw025f                       | Wetland             | 2019                         | Ashland       | 29.50           | Mainline ROW                           | Trench                                                | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |
| wasw027e                       | Wetland             | 2019                         | Ashland       | 29.50           | Access Road                            | N/A                                                   | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |
| wasw027e_d                     | Wetland             | 2019                         | Ashland       | 29.51           | Access Road                            | N/A                                                   | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |
| wasw027e_d                     | Wetland             | 2019                         | Ashland       | 29.51           | Access Road                            | N/A                                                   | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |
| wasw027e                       | Wetland             | 2019                         | Ashland       | 29.55           | Access Road                            | N/A                                                   | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |
| wasw027e                       | Wetland             | 2019                         | Ashland       | 29.55           | Access Road                            | N/A                                                   | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |
| wasw026f                       | Wetland             | 2019                         | Ashland       | 29.59           | Mainline ROW                           | Trench                                                | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |
| wasw012f                       | Wetland             | 2019                         | Ashland       | 29.77           | Mainline ROW                           | HDD                                                   | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |
| wasw013ss                      | Wetland             | 2019                         | Ashland       | 29.79           | Mainline ROW                           | HDD                                                   | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |
| sasw005                        | Stream              | 2019                         | Ashland       | 29.81           | Mainline ROW                           | OC/DC                                                 | Intermittent       | Camp Four Creek        | --                          | Class II Trout, ASNRI-PNW    | Yes                        |
| wasw012f                       | Wetland             | 2019                         | Ashland       | 29.86           | Mainline ROW                           | HDD                                                   | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |
| saws006                        | Stream              | 2019                         | Ashland       | 29.87           | Mainline ROW                           | OC/DC                                                 | Ephemeral          | UNT of Camp Four Creek | --                          | --                           | Yes                        |
| wasw010f                       | Wetland             | 2019                         | Ashland       | 29.88           | Access Road                            | N/A                                                   | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |
| sasw003                        | Stream              | 2019                         | Ashland       | 29.88           | Access Road                            | N/A                                                   | Intermittent       | Camp Four Creek        | --                          | Class II Trout, ASNRI-PNW    | Yes                        |
| wasw011f                       | Wetland             | 2019                         | Ashland       | 29.88           | Access Road                            | N/A                                                   | N/A                | N/A                    | N/A                         | N/A                          | N/A                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|-----------------------|-----------------------------|-------------------------------------|----------------------------|
| wasw010f                       | Wetland             | 2019                         | Ashland       | 29.89           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasw011f                       | Wetland             | 2019                         | Ashland       | 29.89           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasw011f                       | Wetland             | 2019                         | Ashland       | 29.90           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasw010f                       | Wetland             | 2019                         | Ashland       | 29.91           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasw010f                       | Wetland             | 2019                         | Ashland       | 29.91           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasw011f                       | Wetland             | 2019                         | Ashland       | 29.93           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasw011f                       | Wetland             | 2019                         | Ashland       | 29.96           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasw012f                       | Wetland             | 2019                         | Ashland       | 29.96           | Mainline ROW                           | HDD                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasw011f                       | Wetland             | 2019                         | Ashland       | 29.96           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasw011f                       | Wetland             | 2019                         | Ashland       | 29.97           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasw011f                       | Wetland             | 2019                         | Ashland       | 29.98           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasw012f                       | Wetland             | 2019                         | Ashland       | 30.01           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasw011f                       | Wetland             | 2019                         | Ashland       | 30.01           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasw009e                       | Wetland             | 2019                         | Ashland       | 30.01           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasw011f                       | Wetland             | 2019                         | Ashland       | 30.03           | Mainline ROW                           | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasw009e                       | Wetland             | 2019                         | Ashland       | 30.04           | Mainline ROW                           | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasd1015e                      | Wetland             | 2020                         | Ashland       | 30.27           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasd1016e                      | Wetland             | 2020                         | Ashland       | 30.36           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasd1015e                      | Wetland             | 2020                         | Ashland       | 30.39           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wasd1017s                      | Wetland             | 2020                         | Ashland       | 30.47           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wirb027f                       | Wetland             | 2019                         | Iron          | 30.66           | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| sirb010p                       | Stream              | 2019                         | Iron          | 30.67           | Mainline ROW                           | DC                                                    | Perennial          | UNT of Feldcher Creek | --                          | Perennial tributary of trout stream | Yes                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|-----------------------|-----------------------------|-------------------------------------|----------------------------|
| wirb1002f                      | Wetland             | 2020                         | Iron          | 30.74           | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| sirb1001e                      | Stream              | 2020                         | Iron          | 30.75           | Mainline ROW                           | N/A                                                   | Ephemeral          | UNT of Feldcher Creek | --                          | --                                  | Yes                        |
| wirb1005f                      | Wetland             | 2020                         | Iron          | 30.81           | Mainline ROW                           | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| sirb009p                       | Swale               | 2019                         | Iron          | 30.82           | Access Road                            | N/A                                                   | Perennial          | UNT of Feldcher Creek | --                          | Perennial tributary of trout stream | Yes                        |
| wirb1006f                      | Wetland             | 2020                         | Iron          | 30.87           | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| sirb1002e                      | Stream              | 2020                         | Iron          | 30.87           | Mainline ROW                           | N/A                                                   | Ephemeral          | UNT of Feldcher Creek | --                          | --                                  | Yes                        |
| wirb019e                       | Wetland             | 2019                         | Iron          | 30.91           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| sirb006e                       | Swale               | 2019                         | Iron          | 30.98           | Access Road                            | N/A                                                   | Ephemeral          | UNT of Feldcher Creek | --                          | --                                  | Yes                        |
| wirb020e                       | Wetland             | 2019                         | Iron          | 31.02           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wirb021e                       | Wetland             | 2019                         | Iron          | 31.07           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| sird1006e                      | Stream              | 2020                         | Iron          | 31.07           | Mainline ROW                           | N/A                                                   | Ephemeral          | UNT of Feldcher Creek | --                          | --                                  | Yes                        |
| wirb1007f                      | Wetland             | 2020                         | Iron          | 31.07           | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| sirb007e                       | Swale               | 2019                         | Iron          | 31.10           | Access Road                            | N/A                                                   | Ephemeral          | UNT of Feldcher Creek | --                          | --                                  | Yes                        |
| sird1005i                      | Stream              | 2020                         | Iron          | 31.11           | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Feldcher Creek | --                          | --                                  | Yes                        |
| wirb1007f                      | Wetland             | 2020                         | Iron          | 31.11           | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |
| wirb022e                       | Wetland             | 2019                         | Iron          | 31.11           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                                 | N/A                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|-----------------------|-----------------------------|------------------------------|----------------------------|
| wirb023e                       | Wetland             | 2019                         | Iron          | 31.13           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wirb024e                       | Wetland             | 2019                         | Iron          | 31.16           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wirb025e                       | Wetland             | 2019                         | Iron          | 31.22           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| sird1004i                      | Stream              | 2020                         | Iron          | 31.25           | Mainline ROW                           | N/A                                                   | Intermittent       | UNT of Feldcher Creek | --                          | --                           | Yes                        |
| wirb026e                       | Wetland             | 2019                         | Iron          | 31.26           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| sird1002e                      | Stream              | 2020                         | Iron          | 31.32           | Mainline ROW                           | N/A                                                   | Ephemeral          | UNT of Feldcher Creek | --                          | --                           | Yes                        |
| wirb1007f                      | Wetland             | 2020                         | Iron          | 31.32           | Mainline ROW                           | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wirb1007f                      | Wetland             | 2020                         | Iron          | 31.34           | Mainline ROW                           | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wird1001f                      | Wetland             | 2020                         | Iron          | 31.39           | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wirb009f                       | Wetland             | 2019, 2020                   | Iron          | 31.42           | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wirb016f                       | Wetland             | 2019                         | Iron          | 31.52           | Mainline ROW                           | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wirb016e                       | Wetland             | 2019                         | Iron          | 31.53           | Mainline ROW                           | Trench                                                | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wirb016f                       | Wetland             | 2019                         | Iron          | 31.53           | Mainline ROW                           | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wase031f                       | Wetland             | 2019                         | Ashland       | 31.60           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wase030e                       | Wetland             | 2019                         | Ashland       | 31.60           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wase036e                       | Wetland             | 2019                         | Ashland       | 31.62           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wase035f                       | Wetland             | 2019                         | Ashland       | 31.62           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wase035f                       | Wetland             | 2019                         | Ashland       | 31.62           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wase039e                       | Wetland             | 2019                         | Ashland       | 31.63           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wase038e                       | Wetland             | 2019                         | Ashland       | 31.63           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |
| wase040e                       | Wetland             | 2019                         | Ashland       | 31.66           | Access Road                            | N/A                                                   | N/A                | N/A                   | N/A                         | N/A                          | N/A                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|--------------------|-----------------------------|------------------------------|----------------------------|
| wase041f                       | Wetland             | 2019                         | Ashland       | 31.69           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wase042f                       | Wetland             | 2019                         | Ashland       | 31.70           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirb015e                       | Wetland             | 2019                         | Iron          | 31.75           | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wase044f                       | Wetland             | 2019                         | Ashland       | 31.75           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| WDH-103                        | WDH                 | N/A                          | Iron          | 31.76           | Mainline ROW                           | DC                                                    | Intermittent       | Feldcher Creek     | --                          | Class II Trout, ASNRI-PNW    | Yes                        |
| wirc031f                       | Wetland             | 2019                         | Iron          | 31.76           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasc047s                       | Wetland             | 2019                         | Ashland       | 31.82           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasc048s                       | Wetland             | 2019                         | Ashland       | 31.83           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasc048s                       | Wetland             | 2019                         | Ashland       | 31.83           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| sasc031i                       | Stream              | 2019                         | Ashland       | 31.83           | Access Road                            | N/A                                                   | Intermittent       | UNT of Tyler Forks | --                          | --                           | Yes                        |
| wirb014f                       | Wetland             | 2019                         | Iron          | 31.87           | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc030e                       | Wetland             | 2019                         | Iron          | 31.87           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc016f                       | Wetland             | 2019                         | Iron          | 31.90           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasc045s                       | Wetland             | 2019                         | Ashland       | 31.90           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| sasc030i                       | Stream              | 2019                         | Ashland       | 31.91           | Access Road                            | N/A                                                   | Intermittent       | UNT of Tyler Forks | --                          | --                           | Yes                        |
| wasc045s                       | Wetland             | 2019                         | Ashland       | 31.91           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc016f                       | Wetland             | 2019                         | Iron          | 31.94           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc016f                       | Wetland             | 2019                         | Iron          | 31.96           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| sirc008e_x1                    | Ditch               | 2019                         | Iron          | 31.97           | Access Road                            | N/A                                                   | Ephemeral          | Ditch              | --                          | --                           | Yes                        |
| wirc028e                       | Wetland             | 2019                         | Iron          | 31.97           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirb011f                       | Wetland             | 2019                         | Iron          | 31.97           | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| sirc008e_x2                    | Ditch               | 2019                         | Iron          | 31.99           | Access Road                            | N/A                                                   | Ephemeral          | Ditch              | --                          | --                           | Yes                        |

**Line 5 Wisconsin Segment Relocation Project  
Storm Water Pollution Prevention Plan**

**Field Delineated and Desktop Mapped Wetlands and Waterbodies Crossed or Affected by the Project Facilities**

*Updated June 4, 2021*

| <b>Feature ID <sup>a</sup></b> | <b>Feature Type</b> | <b>Data Collected (Year)</b> | <b>County</b> | <b>Milepost</b> | <b>Project Component Name/Location</b> | <b>Proposed Pipeline Crossing Method <sup>b</sup></b> | <b>Flow Regime</b> | <b>USGS Name</b>   | <b>ORW/ERW <sup>c</sup></b> | <b>Agency Classification</b> | <b>Bridge <sup>d</sup></b> |
|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|--------------------|-----------------------------|------------------------------|----------------------------|
| sirc006e_x1                    | Stream              | 2019                         | Iron          | 31.99           | Access Road                            | N/A                                                   | Ephemeral          | Ditch              | --                          | --                           | Yes                        |
| sirc006e_x2                    | Stream              | 2019                         | Iron          | 31.99           | Access Road                            | N/A                                                   | Ephemeral          | Ditch              | --                          | --                           | Yes                        |
| sirc007e                       | Ditch               | 2019                         | Iron          | 31.99           | Access Road                            | N/A                                                   | Ephemeral          | Ditch              | --                          | --                           | Yes                        |
| sire002e_x1                    | Ditch               | 2019                         | Iron          | 32.02           | Access Road                            | N/A                                                   | Ephemeral          | Ditch              | --                          | --                           | Yes                        |
| sire002e_x2                    | Ditch               | 2019                         | Iron          | 32.05           | Access Road                            | N/A                                                   | Ephemeral          | Ditch              | --                          | --                           | Yes                        |
| wird023f                       | Wetland             | 2019                         | Iron          | 32.06           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wird023f                       | Wetland             | 2019                         | Iron          | 32.06           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasd004e                       | Wetland             | 2019                         | Ashland       | 32.09           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wird023f                       | Wetland             | 2019                         | Iron          | 32.09           | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasd004e                       | Wetland             | 2019                         | Ashland       | 32.09           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasc1049e                      | Wetland             | 2020                         | Ashland       | 32.13           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasc044s                       | Wetland             | 2019                         | Ashland       | 32.14           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wire002f                       | Wetland             | 2019                         | Iron          | 32.15           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| sire001i                       | Stream              | 2019                         | Iron          | 32.15           | Access Road                            | N/A                                                   | Intermittent       | UNT of Tyler Forks | --                          | --                           | Yes                        |
| wire002f                       | Wetland             | 2019                         | Iron          | 32.15           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasc044s                       | Wetland             | 2019                         | Ashland       | 32.16           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wasd036f                       | Wetland             | 2019                         | Ashland       | 32.17           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wire003f                       | Wetland             | 2019                         | Iron          | 32.18           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wird023f                       | Wetland             | 2019                         | Iron          | 32.19           | Mainline ROW                           | Trench                                                | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wira045e                       | Wetland             | 2019                         | Iron          | 32.21           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc015f                       | Wetland             | 2019                         | Iron          | 32.22           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| WDH-104                        | WDH                 | N/A                          | Iron          | 32.22           | Access Road                            | N/A                                                   | Intermittent       | Feldcher Creek     | --                          | Class II Trout, ASNRI-PNW    | Yes                        |

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|-------------------------|--------------------|-----------------------|-----------------|------------------|---------------------------------|------------------------------------------------|----------------|-----------------------|----------------------|-----------------------|---------------------|
| wirb048f                | Wetland            | 2019                  | Iron            | 32.46            | Access Road                     | N/A                                            | N/A            | N/A                   | N/A                  | N/A                   | N/A                 |
| sird010e_x1             | Stream             | 2019                  | Iron            | 32.46            | Access Road                     | N/A                                            | Ephemeral      | UNT of Feldcher Creek | --                   | --                    | Yes                 |
| wirb048f                | Wetland            | 2019                  | Iron            | 32.46            | Access Road                     | N/A                                            | N/A            | N/A                   | N/A                  | N/A                   | N/A                 |
| wirb049e                | Wetland            | 2019                  | Iron            | 32.46            | Access Road                     | N/A                                            | N/A            | N/A                   | N/A                  | N/A                   | N/A                 |
| wirb048e                | Wetland            | 2019                  | Iron            | 32.46            | Access Road                     | N/A                                            | N/A            | N/A                   | N/A                  | N/A                   | N/A                 |
| wirb048f                | Wetland            | 2019                  | Iron            | 32.46            | Access Road                     | N/A                                            | N/A            | N/A                   | N/A                  | N/A                   | N/A                 |
| <del>wire1007f</del>    | <del>Wetland</del> | <del>2020</del>       | <del>Iron</del> | <del>32.47</del> | <del>Access Road</del>          | <del>N/A</del>                                 | <del>N/A</del> | <del>N/A</del>        | <del>N/A</del>       | <del>N/A</del>        | <del>N/A</del>      |
| wirb052f                | Wetland            | 2019                  | Iron            | 32.47            | Access Road                     | N/A                                            | N/A            | N/A                   | N/A                  | N/A                   | N/A                 |
| <del>wire1006f</del>    | <del>Wetland</del> | <del>2020</del>       | <del>Iron</del> | <del>32.52</del> | <del>Access Road</del>          | <del>N/A</del>                                 | <del>N/A</del> | <del>N/A</del>        | <del>N/A</del>       | <del>N/A</del>        | <del>N/A</del>      |
| wird025f                | Wetland            | 2019                  | Iron            | 32.52            | Mainline ROW                    | N/A                                            | N/A            | N/A                   | N/A                  | N/A                   | N/A                 |
| wira1002f               | Wetland            | 2020                  | Iron            | 32.55            | Access Road                     | N/A                                            | N/A            | N/A                   | N/A                  | N/A                   | N/A                 |
| <del>wire1006f</del>    | <del>Wetland</del> | <del>2020</del>       | <del>Iron</del> | <del>32.56</del> | <del>Access Road</del>          | <del>N/A</del>                                 | <del>N/A</del> | <del>N/A</del>        | <del>N/A</del>       | <del>N/A</del>        | <del>N/A</del>      |
| wira1004f               | Wetland            | 2020                  | Iron            | 32.59            | Access Road                     | N/A                                            | N/A            | N/A                   | N/A                  | N/A                   | N/A                 |
| sird010e_x2             | Stream             | 2019                  | Iron            | 32.64            | Access Road                     | N/A                                            | Ephemeral      | UNT of Feldcher Creek | --                   | --                    | Yes                 |
| wasc044s                | Wetland            | 2019                  | Ashland         | 32.65            | Access Road                     | N/A                                            | N/A            | N/A                   | N/A                  | N/A                   | N/A                 |
| wasc044s                | Wetland            | 2019                  | Ashland         | 32.66            | Access Road                     | N/A                                            | N/A            | N/A                   | N/A                  | N/A                   | N/A                 |
| wasc044s                | Wetland            | 2019                  | Ashland         | 32.67            | Access Road                     | N/A                                            | N/A            | N/A                   | N/A                  | N/A                   | N/A                 |
| wird026f                | Wetland            | 2019                  | Iron            | 32.69            | Mainline ROW                    | Trench                                         | N/A            | N/A                   | N/A                  | N/A                   | N/A                 |
| wasc044s                | Wetland            | 2019                  | Ashland         | 32.69            | Access Road                     | N/A                                            | N/A            | N/A                   | N/A                  | N/A                   | N/A                 |
| wasc044s                | Wetland            | 2019                  | Ashland         | 32.70            | Access Road                     | N/A                                            | N/A            | N/A                   | N/A                  | N/A                   | N/A                 |
| wasc044e                | Wetland            | 2019                  | Ashland         | 32.70            | Access Road                     | N/A                                            | N/A            | N/A                   | N/A                  | N/A                   | N/A                 |

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|--------------------------------|---------------------|------------------------------|-----------------|------------------|----------------------------------------|-------------------------------------------------------|--------------------|------------------|-----------------------------|------------------------------|----------------------------|
| wasc044s                       | Wetland             | 2019                         | Ashland         | 32.72            | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wird035s                       | Wetland             | 2019                         | Iron            | 32.73            | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wird036s                       | Wetland             | 2019                         | Iron            | 32.74            | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc1027s                      | Wetland             | 2020                         | Iron            | 32.77            | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wird027f                       | Wetland             | 2019                         | Iron            | 32.79            | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wird027f                       | Wetland             | 2019                         | Iron            | 32.83            | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirb057f                       | Wetland             | 2019                         | Iron            | 32.83            | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirb056f                       | Wetland             | 2019                         | Iron            | 32.85            | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wird027s                       | Wetland             | 2019                         | Iron            | 32.88            | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wird027f                       | Wetland             | 2019                         | Iron            | 32.89            | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirb055s                       | Wetland             | 2019                         | Iron            | 32.91            | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirb054s                       | Wetland             | 2019                         | Iron            | 32.96            | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirb054s                       | Wetland             | 2019                         | Iron            | 32.96            | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| <del>wire1005f</del>           | <del>Wetland</del>  | <del>2020</del>              | <del>Iron</del> | <del>32.96</del> | <del>Access Road</del>                 | <del>N/A</del>                                        | <del>N/A</del>     | <del>N/A</del>   | <del>N/A</del>              | <del>N/A</del>               | <del>N/A</del>             |
| wirb054s                       | Wetland             | 2019                         | Iron            | 32.97            | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wird027f                       | Wetland             | 2019                         | Iron            | 32.97            | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirb054s                       | Wetland             | 2019                         | Iron            | 32.97            | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirb054s                       | Wetland             | 2019                         | Iron            | 32.98            | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirb054s                       | Wetland             | 2019                         | Iron            | 32.98            | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wird027f                       | Wetland             | 2019                         | Iron            | 32.98            | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirb054s                       | Wetland             | 2019                         | Iron            | 33.00            | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirb054s                       | Wetland             | 2019                         | Iron            | 33.00            | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirb054e                       | Wetland             | 2019                         | Iron            | 33.00            | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |

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|-------------------------|--------------------|-----------------------|-----------------|------------------|---------------------------------|------------------------------------------------|----------------|--------------------|----------------------|---------------------------|---------------------|
| <del>wird027f</del>     | <del>Wetland</del> | <del>2019</del>       | <del>Iron</del> | <del>33.00</del> | <del>Access Road</del>          | <del>N/A</del>                                 | <del>N/A</del> | <del>N/A</del>     | <del>N/A</del>       | <del>N/A</del>            | <del>N/A</del>      |
| <del>wird027f</del>     | <del>Wetland</del> | <del>2019</del>       | <del>Iron</del> | <del>33.02</del> | <del>Access Road</del>          | <del>N/A</del>                                 | <del>N/A</del> | <del>N/A</del>     | <del>N/A</del>       | <del>N/A</del>            | <del>N/A</del>      |
| wire1001f               | Wetland            | 2020                  | Iron            | 33.03            | Access Road                     | N/A                                            | N/A            | N/A                | N/A                  | N/A                       | N/A                 |
| wire1001e               | Wetland            | 2020                  | Iron            | 33.03            | Access Road                     | N/A                                            | N/A            | N/A                | N/A                  | N/A                       | N/A                 |
| wire1001f               | Wetland            | 2020                  | Iron            | 33.03            | Access Road                     | N/A                                            | N/A            | N/A                | N/A                  | N/A                       | N/A                 |
| <del>wire1005f</del>    | <del>Wetland</del> | <del>2020</del>       | <del>Iron</del> | <del>33.07</del> | <del>Access Road</del>          | <del>N/A</del>                                 | <del>N/A</del> | <del>N/A</del>     | <del>N/A</del>       | <del>N/A</del>            | <del>N/A</del>      |
| <del>wire1003f</del>    | <del>Wetland</del> | <del>2020</del>       | <del>Iron</del> | <del>33.09</del> | <del>Access Road</del>          | <del>N/A</del>                                 | <del>N/A</del> | <del>N/A</del>     | <del>N/A</del>       | <del>N/A</del>            | <del>N/A</del>      |
| <del>wire1004f</del>    | <del>Wetland</del> | <del>2020</del>       | <del>Iron</del> | <del>33.11</del> | <del>Access Road</del>          | <del>N/A</del>                                 | <del>N/A</del> | <del>N/A</del>     | <del>N/A</del>       | <del>N/A</del>            | <del>N/A</del>      |
| wird028f                | Wetland            | 2019                  | Iron            | 33.15            | Mainline ROW                    | Trench                                         | N/A            | N/A                | N/A                  | N/A                       | N/A                 |
| wird028f                | Wetland            | 2019                  | Iron            | 33.22            | Access Road                     | N/A                                            | N/A            | N/A                | N/A                  | N/A                       | N/A                 |
| wird028f                | Wetland            | 2019                  | Iron            | 33.25            | Access Road                     | N/A                                            | N/A            | N/A                | N/A                  | N/A                       | N/A                 |
| wird028f                | Wetland            | 2019                  | Iron            | 33.27            | Mainline ROW                    | Trench                                         | N/A            | N/A                | N/A                  | N/A                       | N/A                 |
| wirb046f                | Wetland            | 2019                  | Iron            | 33.37            | Mainline ROW                    | Trench                                         | N/A            | N/A                | N/A                  | N/A                       | N/A                 |
| sira004p                | River              | 2019                  | Iron            | 33.43            | Access Road                     | N/A                                            | Perennial      | Tyler Forks        | ORW                  | Class II Trout, ASNRI-PNW | Yes                 |
| wirb044f                | Wetland            | 2019                  | Iron            | 33.44            | Mainline ROW                    | Trench                                         | N/A            | N/A                | N/A                  | N/A                       | N/A                 |
| sira006i_x1             | Ditch              | 2019                  | Iron            | 33.45            | Access Road                     | N/A                                            | Intermittent   | UNT of Tyler Forks | --                   | --                        | Yes                 |
| sira005i                | Stream             | 2019                  | Iron            | 33.45            | Access Road                     | N/A                                            | Intermittent   | UNT of Tyler Forks | --                   | --                        | Yes                 |
| sira006i_x2             | Ditch              | 2019                  | Iron            | 33.46            | Access Road                     | N/A                                            | Intermittent   | UNT of Tyler Forks | --                   | --                        | Yes                 |
| wira036f                | Wetland            | 2019                  | Iron            | 33.46            | Access Road                     | N/A                                            | N/A            | N/A                | N/A                  | N/A                       | N/A                 |
| wira036f                | Wetland            | 2019                  | Iron            | 33.47            | Access Road                     | N/A                                            | N/A            | N/A                | N/A                  | N/A                       | N/A                 |
| wirb042f                | Wetland            | 2019                  | Iron            | 33.59            | Mainline ROW                    | N/A                                            | N/A            | N/A                | N/A                  | N/A                       | N/A                 |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|--------------------|-----------------------------|------------------------------|----------------------------|
| wirb039s                       | Wetland             | 2019                         | Iron          | 33.69           | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirb040e                       | Wetland             | 2019                         | Iron          | 33.69           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirb041e                       | Wetland             | 2019                         | Iron          | 33.84           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirb037s                       | Wetland             | 2019                         | Iron          | 34.04           | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| sirb012p                       | River               | 2019                         | Iron          | 34.04           | Mainline ROW                           | HDD                                                   | Perennial          | Tyler Forks        | ORW                         | Class II Trout, ASNRI-PNW    | No                         |
| wirc023f                       | Wetland             | 2019                         | Iron          | 34.05           | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc023f                       | Wetland             | 2019                         | Iron          | 34.07           | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| sirc005e                       | Stream              | 2019                         | Iron          | 34.08           | Mainline ROW                           | HDD                                                   | Ephemeral          | UNT of Tyler Forks | --                          | --                           | Yes                        |
| wirc022f                       | Wetland             | 2019                         | Iron          | 34.08           | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc018s                       | Wetland             | 2019                         | Iron          | 34.14           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc018e                       | Wetland             | 2019                         | Iron          | 34.14           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc018s                       | Wetland             | 2019                         | Iron          | 34.15           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc021f                       | Wetland             | 2019                         | Iron          | 34.16           | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc021f                       | Wetland             | 2019                         | Iron          | 34.17           | Mainline ROW                           | HDD                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc024f                       | Wetland             | 2019                         | Iron          | 34.23           | Mainline ROW                           | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc020e                       | Wetland             | 2019                         | Iron          | 34.23           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc021f                       | Wetland             | 2019                         | Iron          | 34.25           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc021e                       | Wetland             | 2019                         | Iron          | 34.25           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc021f                       | Wetland             | 2019                         | Iron          | 34.27           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc025f                       | Wetland             | 2019, 2020                   | Iron          | 34.28           | Mainline ROW                           | Trench                                                | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc017e                       | Wetland             | 2019                         | Iron          | 34.30           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |
| wirc025e                       | Wetland             | 2019                         | Iron          | 34.30           | Access Road                            | N/A                                                   | N/A                | N/A                | N/A                         | N/A                          | N/A                        |

**Line 5 Wisconsin Segment Relocation Project  
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**Field Delineated and Desktop Mapped Wetlands and Waterbodies Crossed or Affected by the Project Facilities**

*Updated June 4, 2021*

| <b>Feature ID <sup>a</sup></b> | <b>Feature Type</b> | <b>Data Collected (Year)</b> | <b>County</b> | <b>Milepost</b> | <b>Project Component Name/Location</b> | <b>Proposed Pipeline Crossing Method <sup>b</sup></b> | <b>Flow Regime</b> | <b>USGS Name</b> | <b>ORW/ERW <sup>c</sup></b> | <b>Agency Classification</b> | <b>Bridge <sup>d</sup></b> |
|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|------------------|-----------------------------|------------------------------|----------------------------|
| sirc002p                       | Stream              | 2019                         | Iron          | 34.31           | Access Road                            | N/A                                                   | Perennial          | Vogue Creek      | --                          | Class II Trout, ASNRI-PNW    | Yes                        |
| wira046e                       | Wetland             | 2019                         | Iron          | 34.32           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc013f                       | Wetland             | 2019, 2020                   | Iron          | 34.33           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc013f                       | Wetland             | 2019, 2020                   | Iron          | 34.35           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc013f                       | Wetland             | 2019, 2020                   | Iron          | 34.39           | Mainline ROW                           | Trench                                                | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc019e                       | Wetland             | 2019                         | Iron          | 34.43           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc019f                       | Wetland             | 2019                         | Iron          | 34.43           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| WDH-105                        | WDH                 | N/A                          | Iron          | 34.44           | Access Road                            | N/A                                                   | Perennial          | Vogue Creek      | --                          | Class II Trout, ASNRI-PNW    | Yes                        |
| wirc019f                       | Wetland             | 2019                         | Iron          | 34.45           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc019f                       | Wetland             | 2019                         | Iron          | 34.46           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc019f                       | Wetland             | 2019                         | Iron          | 34.46           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wird045e                       | Wetland             | 2019                         | Iron          | 34.46           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc019e                       | Wetland             | 2019                         | Iron          | 34.47           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc019f                       | Wetland             | 2019                         | Iron          | 34.47           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc019f                       | Wetland             | 2019                         | Iron          | 34.47           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc019f                       | Wetland             | 2019                         | Iron          | 34.47           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc019f                       | Wetland             | 2019                         | Iron          | 34.47           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc019f                       | Wetland             | 2019                         | Iron          | 34.47           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc019f                       | Wetland             | 2019                         | Iron          | 34.47           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc019f                       | Wetland             | 2019                         | Iron          | 34.47           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc019f                       | Wetland             | 2019                         | Iron          | 34.47           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc019f                       | Wetland             | 2019                         | Iron          | 34.47           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc019f                       | Wetland             | 2019                         | Iron          | 34.47           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc019f                       | Wetland             | 2019                         | Iron          | 34.47           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc019f                       | Wetland             | 2019                         | Iron          | 34.47           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |

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| <b>Feature ID <sup>a</sup></b> | <b>Feature Type</b> | <b>Data Collected (Year)</b> | <b>County</b> | <b>Milepost</b> | <b>Project Component Name/Location</b> | <b>Proposed Pipeline Crossing Method <sup>b</sup></b> | <b>Flow Regime</b> | <b>USGS Name</b>    | <b>ORW/ERW <sup>c</sup></b> | <b>Agency Classification</b> | <b>Bridge <sup>d</sup></b> |
|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|---------------------|-----------------------------|------------------------------|----------------------------|
| wirc1022f                      | Wetland             | 2020                         | Iron          | 34.79           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirc1019f                      | Wetland             | 2020                         | Iron          | 34.88           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirc014f                       | Wetland             | 2019, 2020                   | Iron          | 35.08           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirc014e                       | Wetland             | 2019, 2020                   | Iron          | 35.10           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wira017f                       | Wetland             | 2019, 2020                   | Iron          | 35.10           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wira017e                       | Wetland             | 2019, 2020                   | Iron          | 35.11           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirc1016f                      | Wetland             | 2020                         | Iron          | 35.29           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirc006f                       | Wetland             | 2019, 2020                   | Iron          | 35.48           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirc012e                       | Wetland             | 2019                         | Iron          | 35.55           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| sirw002                        | Swale               | 2019                         | Iron          | 35.72           | Access Road                            | N/A                                                   | Ephemeral          | UNT of Potato River | --                          | --                           | Yes                        |
| wira008s                       | Wetland             | 2019, 2020                   | Iron          | 35.90           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wira008e                       | Wetland             | 2019, 2020                   | Iron          | 35.91           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wira008e                       | Wetland             | 2019, 2020                   | Iron          | 35.91           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| sira001i                       | Stream              | 2019                         | Iron          | 35.91           | Mainline ROW                           | OC/DC                                                 | Intermittent       | UNT of Potato River | --                          | --                           | Yes                        |
| wira008s                       | Wetland             | 2019, 2020                   | Iron          | 35.91           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wira008f                       | Wetland             | 2019, 2020                   | Iron          | 35.93           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirc1015e                      | Wetland             | 2020                         | Iron          | 35.97           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirc1015e                      | Wetland             | 2020                         | Iron          | 36.00           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wira008f                       | Wetland             | 2019, 2020                   | Iron          | 36.11           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wira008e                       | Wetland             | 2019, 2020                   | Iron          | 36.12           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wira008f                       | Wetland             | 2019, 2020                   | Iron          | 36.12           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wira008f                       | Wetland             | 2019, 2020                   | Iron          | 36.13           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |

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| <b>Feature ID <sup>a</sup></b> | <b>Feature Type</b> | <b>Data Collected (Year)</b> | <b>County</b> | <b>Milepost</b> | <b>Project Component Name/Location</b> | <b>Proposed Pipeline Crossing Method <sup>b</sup></b> | <b>Flow Regime</b> | <b>USGS Name</b> | <b>ORW/ERW <sup>c</sup></b> | <b>Agency Classification</b> | <b>Bridge <sup>d</sup></b> |
|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|------------------|-----------------------------|------------------------------|----------------------------|
| wira008e                       | Wetland             | 2019, 2020                   | Iron          | 36.13           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirw006e                       | Wetland             | 2019                         | Iron          | 36.21           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirw006e                       | Wetland             | 2019                         | Iron          | 36.21           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirw007e                       | Wetland             | 2019                         | Iron          | 36.21           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira006e                       | Wetland             | 2019                         | Iron          | 36.22           | Mainline ROW                           | HDD                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira006e                       | Wetland             | 2019, 2020                   | Iron          | 36.24           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira006f                       | Wetland             | 2019                         | Iron          | 36.27           | Mainline ROW                           | HDD                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc1013e                      | Wetland             | 2020                         | Iron          | 36.27           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira006f                       | Wetland             | 2019                         | Iron          | 36.30           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira006f                       | Wetland             | 2019                         | Iron          | 36.30           | Mainline ROW                           | HDD                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc1013f                      | Wetland             | 2020                         | Iron          | 36.32           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira006f                       | Wetland             | 2019                         | Iron          | 36.39           | Mainline ROW                           | HDD                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira006f                       | Wetland             | 2019, 2020                   | Iron          | 36.42           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc1013e                      | Wetland             | 2020                         | Iron          | 36.42           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc1013f                      | Wetland             | 2020                         | Iron          | 36.42           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira006f                       | Wetland             | 2019, 2020                   | Iron          | 36.42           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira006e                       | Wetland             | 2019, 2020                   | Iron          | 36.43           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc1012e                      | Wetland             | 2020                         | Iron          | 36.50           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirw001e                       | Wetland             | 2019                         | Iron          | 36.55           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirw001e                       | Wetland             | 2019                         | Iron          | 36.55           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirw001e                       | Wetland             | 2019                         | Iron          | 36.55           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirw001e                       | Wetland             | 2019                         | Iron          | 36.55           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirw001e                       | Wetland             | 2019                         | Iron          | 36.55           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|------------------|-----------------------------|------------------------------|----------------------------|
| wirw001e                       | Wetland             | 2019                         | Iron          | 36.55           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| sirw001                        | Stream              | 2019                         | Iron          | 36.55           | Access Road                            | N/A                                                   | Intermittent       | Coil Creek       | --                          | Class II Trout, ASNRI-PNW    | Yes                        |
| wirw001e                       | Wetland             | 2019                         | Iron          | 36.55           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirw001e                       | Wetland             | 2019                         | Iron          | 36.55           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirw001e                       | Wetland             | 2019                         | Iron          | 36.55           | Mainline ROW                           | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirw001e                       | Wetland             | 2019                         | Iron          | 36.55           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira001f                       | Wetland             | 2019                         | Iron          | 36.57           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira001f                       | Wetland             | 2019                         | Iron          | 36.58           | Mainline ROW                           | HDD                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira001e                       | Wetland             | 2019                         | Iron          | 36.61           | Mainline ROW                           | HDD                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira001f                       | Wetland             | 2019                         | Iron          | 36.63           | Mainline ROW                           | HDD                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirw003e                       | Wetland             | 2019                         | Iron          | 36.83           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirw002e                       | Wetland             | 2019                         | Iron          | 36.83           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| WDH-106                        | WDH                 | N/A                          | Iron          | 36.84           | Access Road                            | N/A                                                   | Perennial          | Coil Creek       | --                          | Class II Trout, ASNRI-PNW    | Yes                        |
| wirw005e                       | Wetland             | 2019                         | Iron          | 36.84           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirw004e                       | Wetland             | 2019                         | Iron          | 36.85           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira001f                       | Wetland             | 2019                         | Iron          | 36.86           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira001e                       | Wetland             | 2019                         | Iron          | 36.86           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira002e                       | Wetland             | 2019                         | Iron          | 36.86           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira002e                       | Wetland             | 2019, 2020                   | Iron          | 36.86           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira014e                       | Wetland             | 2019                         | Iron          | 36.86           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wirc1011f                      | Wetland             | 2020                         | Iron          | 36.87           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |
| wira010e                       | Wetland             | 2019, 2020                   | Iron          | 36.87           | Access Road                            | N/A                                                   | N/A                | N/A              | N/A                         | N/A                          | N/A                        |

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|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|---------------------|-----------------------------|------------------------------|----------------------------|
| wirc1010e                      | Wetland             | 2020                         | Iron          | 36.87           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirc1008e                      | Wetland             | 2020                         | Iron          | 36.87           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirc1007f                      | Wetland             | 2020                         | Iron          | 36.88           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wira011f                       | Wetland             | 2019                         | Iron          | 36.92           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wira011f                       | Wetland             | 2019                         | Iron          | 36.94           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wira012e                       | Wetland             | 2019                         | Iron          | 37.01           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirc1003e                      | Wetland             | 2020                         | Iron          | 37.02           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirc1003e                      | Wetland             | 2020                         | Iron          | 37.03           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirc1003f                      | Wetland             | 2020                         | Iron          | 37.03           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| sirc1004e                      | Ditch               | 2020                         | Iron          | 37.03           | Access Road                            | N/A                                                   | Ephemeral          | UNT of Potato River | --                          | --                           | Yes                        |
| wirc1003e                      | Wetland             | 2020                         | Iron          | 37.03           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirc1003f                      | Wetland             | 2020                         | Iron          | 37.03           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| sirc1003i                      | Stream              | 2020                         | Iron          | 37.03           | Access Road                            | N/A                                                   | Intermittent       | UNT of Potato River | --                          | --                           | Yes                        |
| wirc1003f                      | Wetland             | 2020                         | Iron          | 37.03           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wira012e                       | Wetland             | 2019                         | Iron          | 37.08           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wira012e                       | Wetland             | 2019, 2020                   | Iron          | 37.09           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wira012e                       | Wetland             | 2019, 2020                   | Iron          | 37.09           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wira013f                       | Wetland             | 2019                         | Iron          | 37.22           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirv001e                       | Wetland             | 2019                         | Iron          | 37.39           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirv001e                       | Wetland             | 2019                         | Iron          | 37.39           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirv002f2                      | Wetland             | 2019                         | Iron          | 37.40           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirv002e                       | Wetland             | 2019                         | Iron          | 37.41           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |

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| <b>Feature ID <sup>a</sup></b> | <b>Feature Type</b> | <b>Data Collected (Year)</b> | <b>County</b> | <b>Milepost</b> | <b>Project Component Name/Location</b> | <b>Proposed Pipeline Crossing Method <sup>b</sup></b> | <b>Flow Regime</b> | <b>USGS Name</b>    | <b>ORW/ERW <sup>c</sup></b> | <b>Agency Classification</b> | <b>Bridge <sup>d</sup></b> |
|--------------------------------|---------------------|------------------------------|---------------|-----------------|----------------------------------------|-------------------------------------------------------|--------------------|---------------------|-----------------------------|------------------------------|----------------------------|
| wirv002f1                      | Wetland             | 2019                         | Iron          | 37.42           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirc1002f                      | Wetland             | 2020                         | Iron          | 37.43           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirv003f                       | Wetland             | 2019                         | Iron          | 37.44           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirv003f                       | Wetland             | 2019                         | Iron          | 37.48           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirv003e                       | Wetland             | 2019                         | Iron          | 37.50           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wird003f                       | Wetland             | 2019                         | Iron          | 37.56           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wird003e                       | Wetland             | 2019                         | Iron          | 37.60           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wird003e                       | Wetland             | 2019                         | Iron          | 37.63           | Mainline ROW                           | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| sirv001p                       | Stream              | 2019                         | Iron          | 37.63           | Access Road                            | N/A                                                   | Perennial          | UNT of Potato River | --                          | Class II Trout, ASNRI-PNW    | Yes                        |
| wirv006f                       | Wetland             | 2019                         | Iron          | 37.63           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirv004s                       | Wetland             | 2019                         | Iron          | 37.64           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirv007f                       | Wetland             | 2019                         | Iron          | 37.64           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wirv005e1                      | Wetland             | 2019                         | Iron          | 37.64           | Access Road                            | N/A                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wird001f                       | Wetland             | 2019                         | Iron          | 37.77           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| sird001p                       | River               | 2019                         | Iron          | 37.86           | Mainline ROW                           | HDD                                                   | Perennial          | Potato River        | ORW                         | Class II Trout, ASNRI-PNW    | No                         |
| wira016f                       | Wetland             | 2019                         | Iron          | 37.93           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wird006f                       | Wetland             | 2019                         | Iron          | 38.10           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wird007f                       | Wetland             | 2019                         | Iron          | 38.17           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wird009f                       | Wetland             | 2019                         | Iron          | 38.36           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wird009f                       | Wetland             | 2019                         | Iron          | 38.43           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wird011f                       | Wetland             | 2019                         | Iron          | 38.48           | Mainline ROW                           | HDD                                                   | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |
| wird015f                       | Wetland             | 2019                         | Iron          | 38.59           | Mainline ROW                           | Trench                                                | N/A                | N/A                 | N/A                         | N/A                          | N/A                        |

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| Feature ID <sup>a</sup> | Feature Type | Data Collected (Year) | County | Milepost | Project Component Name/Location | Proposed Pipeline Crossing Method <sup>b</sup> | Flow Regime  | USGS Name           | ORW/ERW <sup>c</sup> | Agency Classification               | Bridge <sup>d</sup> |
|-------------------------|--------------|-----------------------|--------|----------|---------------------------------|------------------------------------------------|--------------|---------------------|----------------------|-------------------------------------|---------------------|
| sird004e                | Stream       | 2019                  | Iron   | 38.60    | Mainline ROW                    | OC/DC                                          | Ephemeral    | UNT of Vaughn Creek | --                   | --                                  | Yes                 |
| sird005e                | Stream       | 2019                  | Iron   | 38.64    | Mainline ROW                    | N/A                                            | Ephemeral    | UNT of Vaughn Creek | --                   | Class II Trout, ASNRI-PNW           | Yes                 |
| sird006e                | Stream       | 2019                  | Iron   | 38.69    | Mainline ROW                    | N/A                                            | Ephemeral    | UNT of Vaughn Creek | --                   | --                                  | Yes                 |
| wird015f                | Wetland      | 2019                  | Iron   | 38.69    | Mainline ROW                    | N/A                                            | N/A          | N/A                 | N/A                  | N/A                                 | N/A                 |
| wird015f                | Wetland      | 2019                  | Iron   | 38.76    | Mainline ROW                    | Trench                                         | N/A          | N/A                 | N/A                  | N/A                                 | N/A                 |
| wird015e                | Wetland      | 2019                  | Iron   | 38.78    | Mainline ROW                    | Trench                                         | N/A          | N/A                 | N/A                  | N/A                                 | N/A                 |
| wird015e                | Wetland      | 2019, 2020            | Iron   | 38.80    | Access Road                     | N/A                                            | N/A          | N/A                 | N/A                  | N/A                                 | N/A                 |
| wird015e                | Wetland      | 2019, 2020            | Iron   | 38.81    | Access Road                     | N/A                                            | N/A          | N/A                 | N/A                  | N/A                                 | N/A                 |
| wirc1001e               | Wetland      | 2020                  | Iron   | 38.83    | Access Road                     | N/A                                            | N/A          | N/A                 | N/A                  | N/A                                 | N/A                 |
| wird018f                | Wetland      | 2019                  | Iron   | 38.90    | Mainline ROW                    | N/A                                            | N/A          | N/A                 | N/A                  | N/A                                 | N/A                 |
| sird009p                | Stream       | 2019                  | Iron   | 39.00    | Mainline ROW                    | DC                                             | Perennial    | UNT of Vaughn Creek | --                   | Perennial tributary of trout stream | Yes                 |
| wird018e                | Wetland      | 2019                  | Iron   | 39.01    | Mainline ROW                    | Trench                                         | N/A          | N/A                 | N/A                  | N/A                                 | N/A                 |
| wird018e                | Wetland      | 2019                  | Iron   | 39.01    | Mainline ROW                    | Trench                                         | N/A          | N/A                 | N/A                  | N/A                                 | N/A                 |
| wird1008f               | Wetland      | 2020                  | Iron   | 39.04    | Mainline ROW                    | Trench                                         | N/A          | N/A                 | N/A                  | N/A                                 | N/A                 |
| wird1009e               | Wetland      | 2020                  | Iron   | 39.09    | Mainline ROW                    | Trench                                         | N/A          | N/A                 | N/A                  | N/A                                 | N/A                 |
| wird1011f               | Wetland      | 2020                  | Iron   | 39.31    | Mainline ROW                    | N/A                                            | N/A          | N/A                 | N/A                  | N/A                                 | N/A                 |
| sird011i                | Stream       | 2019                  | Iron   | 39.35    | Mainline ROW                    | N/A                                            | Intermittent | UNT of Vaughn Creek | --                   | --                                  | Yes                 |
| wird030f                | Wetland      | 2019, 2020            | Iron   | 39.40    | Mainline ROW                    | Trench/HDD                                     | N/A          | N/A                 | N/A                  | N/A                                 | N/A                 |

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| Feature ID <sup>a</sup> | Feature Type | Data Collected (Year) | County   | Milepost | Project Component Name/Location | Proposed Pipeline Crossing Method <sup>b</sup> | Flow Regime  | USGS Name               | ORW/ERW <sup>c</sup> | Agency Classification     | Bridge <sup>d</sup> |
|-------------------------|--------------|-----------------------|----------|----------|---------------------------------|------------------------------------------------|--------------|-------------------------|----------------------|---------------------------|---------------------|
| wira1009f               | Wetland      | 2020                  | Iron     | 39.44    | Mainline ROW                    | HDD                                            | N/A          | N/A                     | N/A                  | N/A                       | N/A                 |
| wira1008f               | Wetland      | 2020                  | Iron     | 39.49    | Mainline ROW                    | HDD                                            | N/A          | N/A                     | N/A                  | N/A                       | N/A                 |
| wira1007s               | Wetland      | 2020                  | Iron     | 39.56    | Mainline ROW                    | HDD                                            | N/A          | N/A                     | N/A                  | N/A                       | N/A                 |
| sird016p                | Stream       | 2019, 2020            | Iron     | 39.56    | Mainline ROW                    | HDD                                            | Perennial    | Vaughn Creek            | ERW                  | Class II Trout, ASNRI-PNW | No                  |
| wira1007s               | Wetland      | 2020                  | Iron     | 39.57    | Mainline ROW                    | HDD                                            | N/A          | N/A                     | N/A                  | N/A                       | N/A                 |
| wira1007f               | Wetland      | 2020                  | Iron     | 39.58    | Mainline ROW                    | HDD                                            | N/A          | N/A                     | N/A                  | N/A                       | N/A                 |
| wira1007f               | Wetland      | 2020                  | Iron     | 39.59    | Mainline ROW                    | HDD                                            | N/A          | N/A                     | N/A                  | N/A                       | N/A                 |
| wira1006f               | Wetland      | 2020                  | Iron     | 39.61    | Mainline ROW                    | HDD                                            | N/A          | N/A                     | N/A                  | N/A                       | N/A                 |
| WDH-107_x2              | WDH          | N/A                   | Iron     | 39.79    | Access Road                     | N/A                                            | Intermittent | UNT of Vaughn Creek     | --                   | --                        | Yes                 |
| wirv009f                | Wetland      | 2019                  | Iron     | 39.79    | Access Road                     | N/A                                            | N/A          | N/A                     | N/A                  | N/A                       | N/A                 |
| wirw049e                | Wetland      | 2019                  | Iron     | 39.79    | Access Road                     | N/A                                            | N/A          | N/A                     | N/A                  | N/A                       | N/A                 |
| WDH-107_x1              | WDH          | N/A                   | Iron     | 39.82    | Mainline ROW                    | N/A                                            | Intermittent | UNT of Vaughn Creek     | --                   | --                        | Yes                 |
| sirc1001e               | Ditch        | 2020                  | Iron     | 40.27    | Mainline ROW                    | OC/DC                                          | Ephemeral    | UNT of Vaughn Creek     | --                   | --                        | Yes                 |
| wbad1005e               | Wetland      | 2020                  | Bayfield | N/A      | Valve                           | N/A                                            | N/A          | N/A                     | N/A                  | N/A                       | N/A                 |
| sbad1005e               | Stream       | 2020                  | Bayfield | N/A      | Valve                           | N/A                                            | Ephemeral    | UNT of North Fish Creek | --                   | --                        | Yes                 |
| wbad1006e               | Wetland      | 2020                  | Bayfield | N/A      | Permanent Access Road           | N/A                                            | N/A          | N/A                     | N/A                  | N/A                       | N/A                 |
| wbad1006e               | Wetland      | 2020                  | Bayfield | N/A      | Valve                           | N/A                                            | N/A          | N/A                     | N/A                  | N/A                       | N/A                 |
| wbad1006e               | Wetland      | 2020                  | Bayfield | N/A      | Valve                           | N/A                                            | N/A          | N/A                     | N/A                  | N/A                       | N/A                 |
| -----                   |              |                       |          |          |                                 |                                                |              |                         |                      |                           |                     |

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| Feature ID <sup>a</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Feature Type | Data Collected (Year) | County | Milepost | Project Component Name/Location | Proposed Pipeline Crossing Method <sup>b</sup> | Flow Regime | USGS Name | ORW/ERW <sup>c</sup> | Agency Classification | Bridge <sup>d</sup> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------|--------|----------|---------------------------------|------------------------------------------------|-------------|-----------|----------------------|-----------------------|---------------------|
| <p>N/A = Not Applicable; -- = No impact in this category</p> <p><sup>a</sup> Wetland/waterbody unique identification is based on 2019/2020 field survey data and Wisconsin Wetland Inventory Desktop Mapping (WDNR, 1992).</p> <p><sup>b</sup> OC: Open trench method used in conditions of no flow, sometimes referred to as the "Wet Trench" method. DC: Open trench method used in conditions where a discernible water flow 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 routes water around the excavation 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.</p> <p><sup>c</sup> ORW: outstanding resource water; ERW: exceptional resource water</p> <p><sup>d</sup> In addition to bridging, Enbridge proposed to allow clearing equipment and equipment necessary for installation of temporary equipment bridges, a single pass across waterbodies prior to bridge installation, unless restricted by applicable permits.</p> |              |                       |        |          |                                 |                                                |             |           |                      |                       |                     |