

## **DEPARTMENT OF THE ARMY**

U.S. ARMY CORPS OF ENGINEERS, ST. PAUL DISTRICT 332 MINNESOTA STREET, SUITE E1500 ST. PAUL, MN 55101-1323

07 July 2025

Regulatory File No. 2020-00887-JMB

ALLETE, Inc. c/o Dan McCourtney 30 West Superior Street Duluth, Minnesota 55802

Dear Mr. McCourtney:

Enclosed is the validated copy of the Department of the Army permit authorizing you to discharge dredge and fill material in wetlands and place structures under and over the Nemadji River during construction of a natural gas pipeline, 345-kilovolt transmission line, switching station, and for relocation of existing transmission and fiber optic line in association with the Nemadji Trail Energy Center (NTEC) project.

This permit supersedes the emergency authorization issued on June 3, 2025. Please be advised that the authorization hereby granted is contingent on the permittee's compliance with all conditions stated in the permit and its attachments.

This Federal permit does not obviate the need to obtain any other Federal, state or local authorizations required by law.

If you have any questions, please contact Jonathan Bakken in our Hayward office at (651) 290-5884 or jonathan.m.bakken@usace.army.mil. In any correspondence or inquiries, please refer to the Regulatory file number shown above.

Sincerely,

Todd Vesperman Chief. West Branch

Todd Vesperman

Enclosure(s)

cc: Brad Foss, Dairyland Power Cooperative (Brad.Foss@DairylandPower.com)

Erin Dukart, Basin Electric (edukart@bepc.com)

Tyler Beemer, Burns & McDonnell (tbeemer@burnsmcd.com)
Macaulay Haller, WDNR (macaulay.haller@wisconsin.gov)
Kyle McLaughlin, WDNR (kyle.mclaughlin@wisconsin.gov)

# DEPARTMENT OF THE ARMY PERMIT

**Permittee** ALLETE, Inc. c/o Dan McCourtney

**Permit No.** MVP-2020-00887-JMB

**Issuing Office** St. Paul District

U.S. Army Corps of Engineers

**NOTE:** The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

# **Project Description:**

You are authorized to permanently discharge dredged or fill material into 3.93 acres of wetlands for construction of the switchyard and new transmission lines.

You are authorized to temporarily discharge dredged or fill material in 24.30 acres of wetlands in association with access and construction of transmission line, natural gas pipeline, and a new switchyard.

You are authorized to place new and relocated transmission line over the Nemadji River, a navigable water of the United States.

You are authorized to place new natural gas pipeline and relocated fiber-optic line, via horizontal directional drill (HDD) under the Nemadji River, a navigable water of the United States.

The authorized work is shown on the attached drawings labeled MVP-2020-00887-JMB Page 1 of 14 through 14 of 14. A detailed description of the activities requiring a DA permit is provided below:

- A 345-kV transmission line would be constructed between the intersection of 31st
  Avenue East and Grand Avenue and a new switching station located on the west side of
  Lyman Lake Road, approximately 1,680 feet south of the intersection of Lyman Lake
  Road and County Road Z in the City of Superior. The 345-kV transmission line route is
  approximately 4 miles in length and utilizes existing right-of-way corridors in the City of
  Superior and the Town of Parkland.
- A 16-inch diameter natural gas pipeline would be constructed between the proposed NTEC generation facility and an existing meter station to the south. The route is approximately 7 miles in length and occurs within existing right-of-way corridors located in the City of Superior and the Town of Parkland.
- Existing electric transmission Line No. 132 (115-kV), Line No. 761 (115-kV), and Line No. 160 (161- kV) at the Nemadji River crossing would be reconstructed and relocated to the south.

• The new and relocated transmission line would span over the Nemadji River and the new natural gas pipeline and relocated fiber-optic line would be installed under the Nemadji River, a navigable water of the United States.

# **Project Location:**

The transmission line, natural gas pipeline, and fiber-optic line crossing the Nemadji River are located in Section 31, Township 49 North, Range 13 West, Douglas County, Wisconsin.

The 345-kV transmission line structures and temporary access are located in Section 31, Township 49 North, Range 13 West, and Sections 5, 6, 8, 9, 16 & 17, Township 48 North, Range 13 West, Douglas County, Wisconsin.

The 16-inch diameter natural gas pipeline and temporary access are located in Sections 5, 6, 9, 16, 21, 28 & 33, Township 48 North, Range 13 West, Douglas County, Wisconsin.

The new Switchyard is located in Section 17, Township 48 North, Range 13 West, Douglas County, Wisconsin.

# **Permit Conditions:**

### **General Conditions:**

- 1. The time limit for completing the work authorized ends on December 31, 2030. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the date is reached.
- 2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
- 3. If you discover any previously unknown historic or archaeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
- 4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
- 5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
- 6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

# **Special Conditions:**

- 1. The following special condition is a part of all Corps of Engineers permits that provide authorization under Section 10 of the Rivers and Harbors Act, regardless whether the permit provides such authorization under Section 10 alone, or in combination with authorization under other laws:
  - a. You understand and agree that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
- 2. The permittee is responsible for ensuring that whoever performs, supervises or oversees any portion of the physical work associated with the construction of the project has a copy of, is familiar with, and complies with all the terms and conditions of this permit.
- 3. As compensation for the unavoidable wetland loss associated with the project, you have purchased 49.78 wetland credits as follows: 1.33 wet meadow credits from the Chequamegon Wetland Mitigation Bank; 3.90 hardwood swamp and 0.02 shrub-carr credits from the Poplar River Wetland Mitigation Bank; and 22.71 shrub-carr, 13.68 wet meadow, and 8.14 hardwood swamp credits from the Bluff Creek Wetland Mitigation Bank. The affidavits of credit purchase dated March 25, March 28, and April 1, 2022 have verified that you have satisfied all compensatory wetland mitigation requirements of this permit.
- 4. To avoid affects to the federally endangered Northern long-eared bat and proposed endangered Tricolored bat, it is recommended that no tree clearing (3" DBH or greater) occur during the summer occupancy season from April 15th to September 30th. It is recommended that all tree clearing occur during the inactive season from October 1st to April 14th. Within 30 days of completion of tree clearing associated with this permit, you shall provide this office with a report of the dates when tree clearing occurred.

### **Further Information:**

- 1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:
  - (X) Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).
  - (X) Section 404 of the Clean Water Act (33 U.S.C. 1344).
  - ( ) Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).
- 2. Limits of this authorization.
  - a. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.
  - b. This permit does not grant any property rights or exclusive privileges.

- c. This permit does not authorize any injury to the property or rights of others.
- d. This permit does not authorize interference with any existing or proposed Federal project.
- 3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:
  - a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
  - b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
  - c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
  - d. Design or construction deficiencies associated with the permitted work.
  - e. Damage claims associated with any future modification, suspension, or revocation of this permit.
- 4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.
- 5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:
  - a. You fail to comply with the terms and conditions of this permit.
  - b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).
  - c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

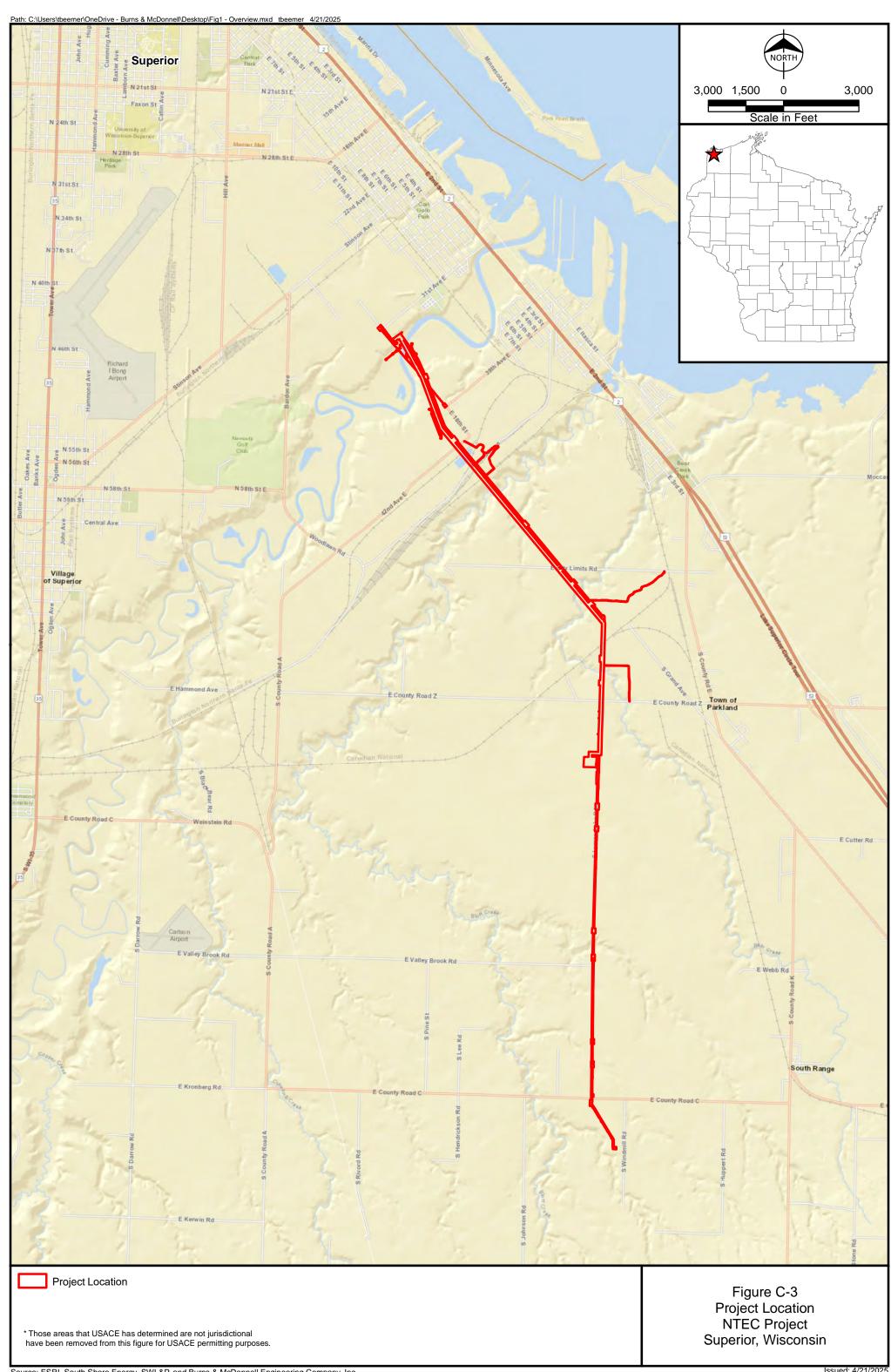
Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

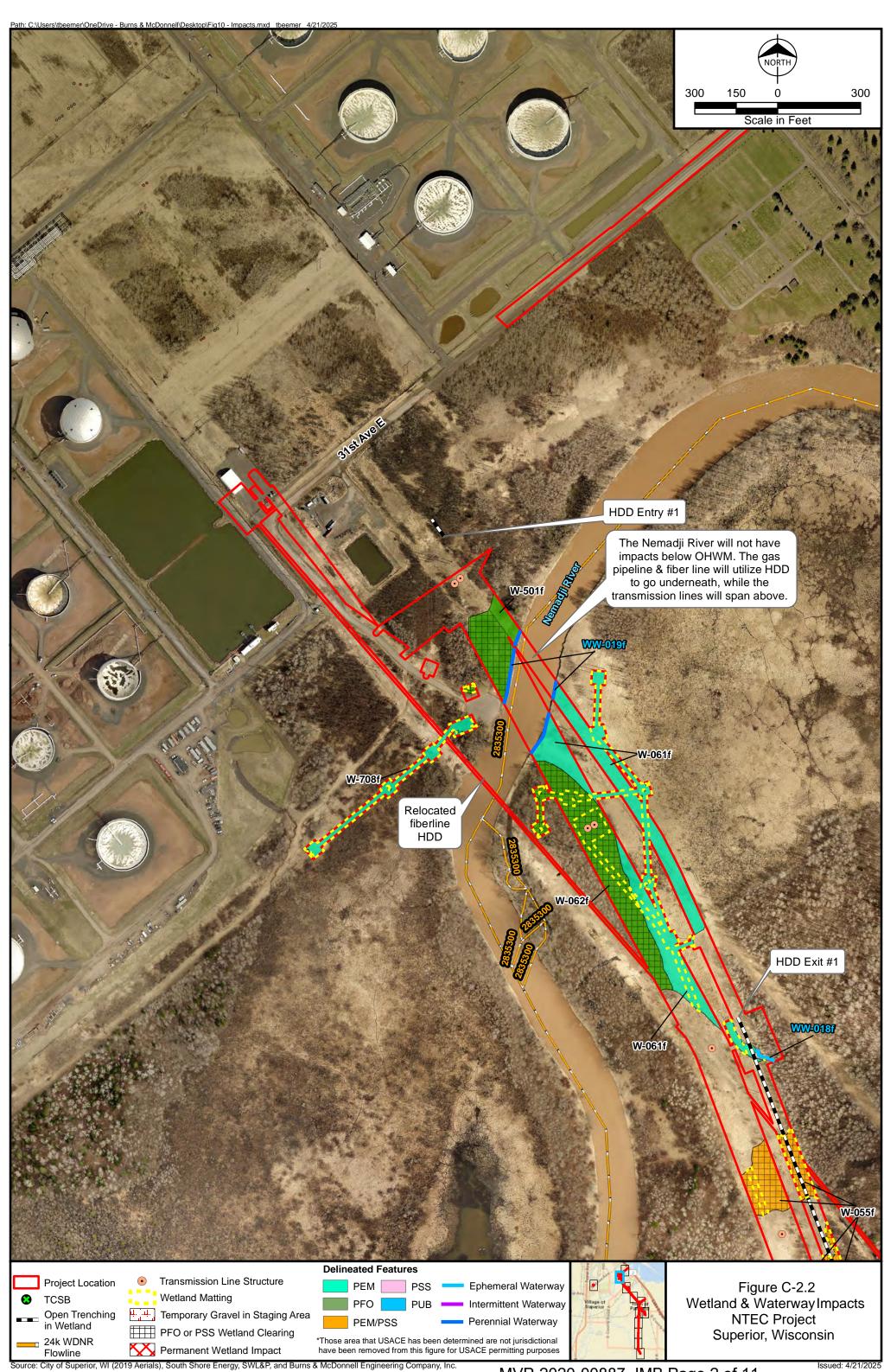
6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

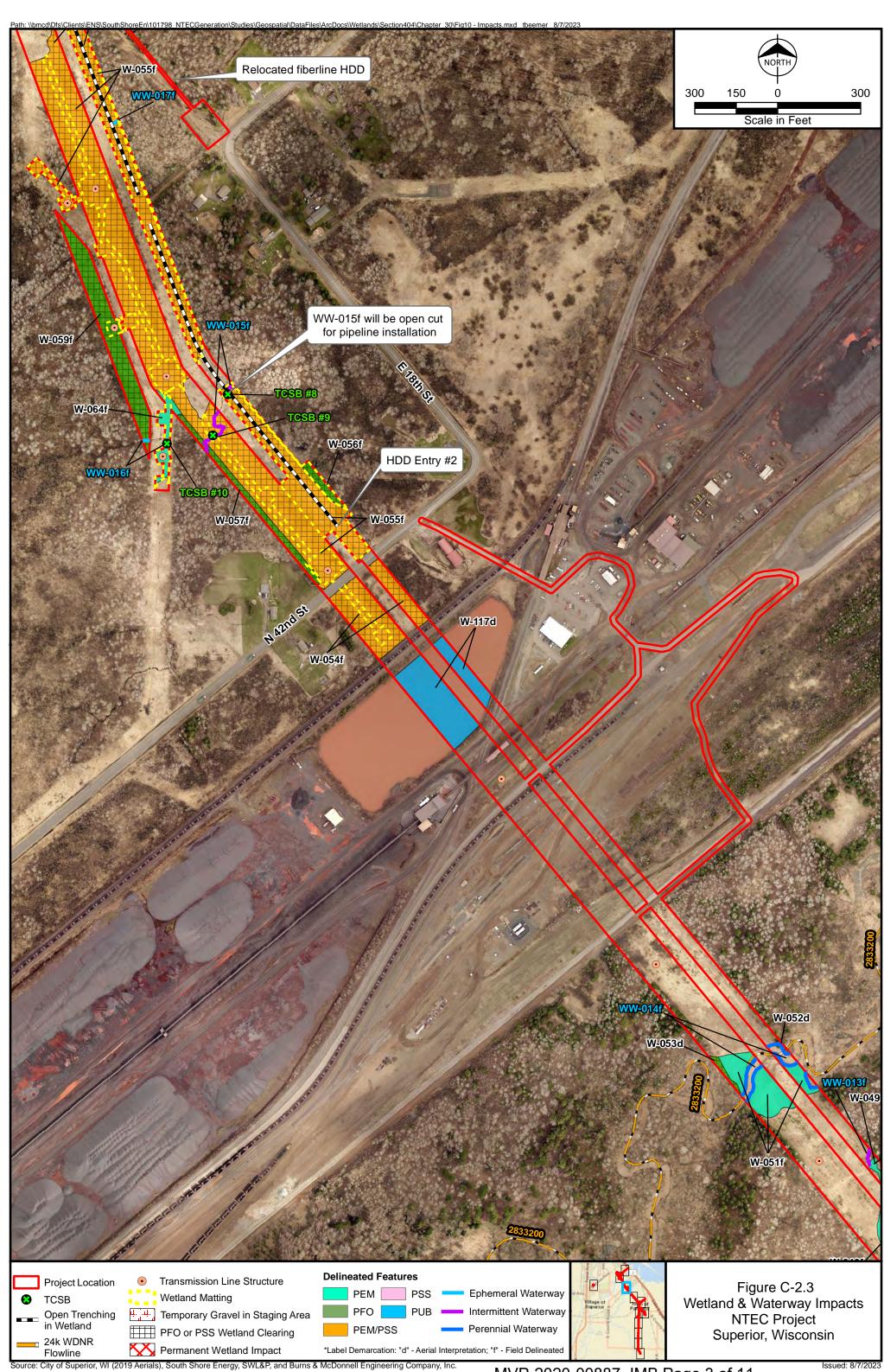
and conditions of this permit.	
Daniel McCourtney (PERMITTEE SIGNATURE)	7/7/25 (DATE)
Daniel McCourtney (PERMITTEE PRINTED OR TYPED NAME)	
This permit becomes effective when the Federal official, des Army, has signed below.	signated to act for the Secretary of the
Todd Vesperman Todd Vesperman Chief, West Branch	7/7/2025 (DATE)
for: Joshua D. Rud Lieutenant Colonel, Corps of Engineers Acting Commander	
When the structures or work authorized by this permit at property is transferred, the terms and conditions of this perm new owner(s) of the property. To validate the transfer of this associated with compliance with its terms and conditions, he below.	nit will continue to be binding on the permit and the associated liabilities
(TRANSFEREE SIGNATURE)	(DATE)

Your signature below, as permittee, indicates that you accept and agree to comply with the terms

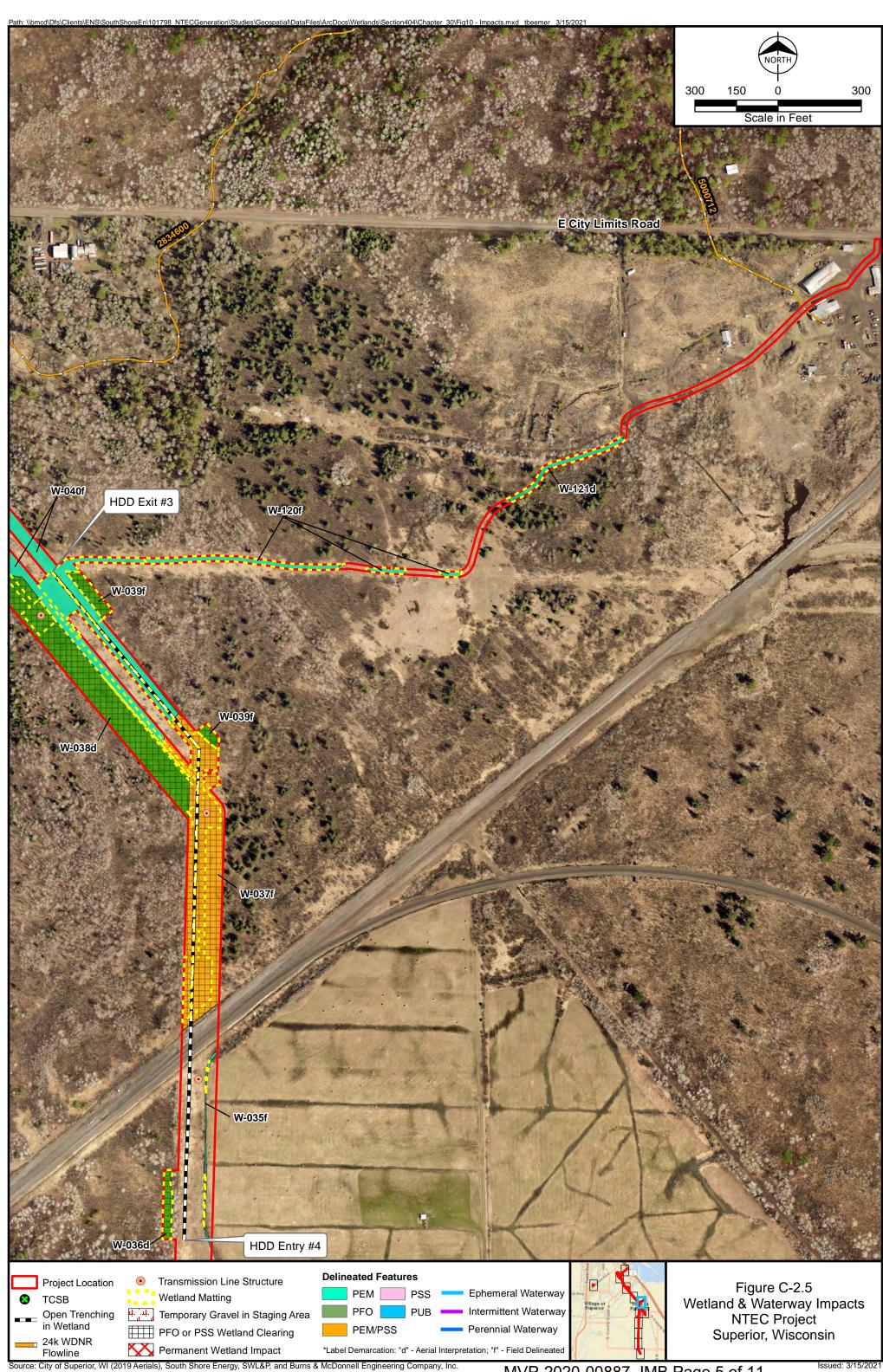
(TRANSFEREE PRINTED OR TYPED NAME)

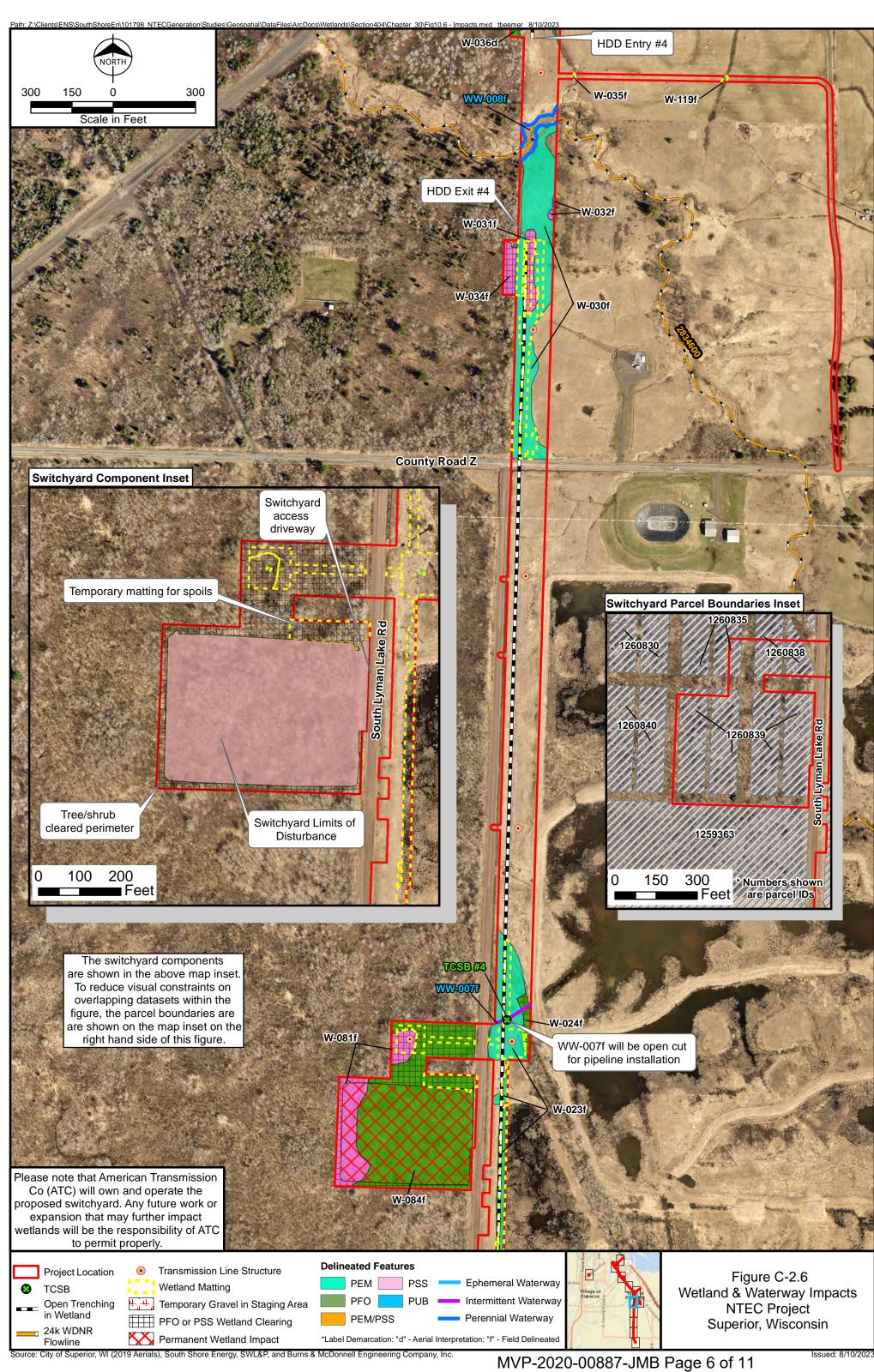


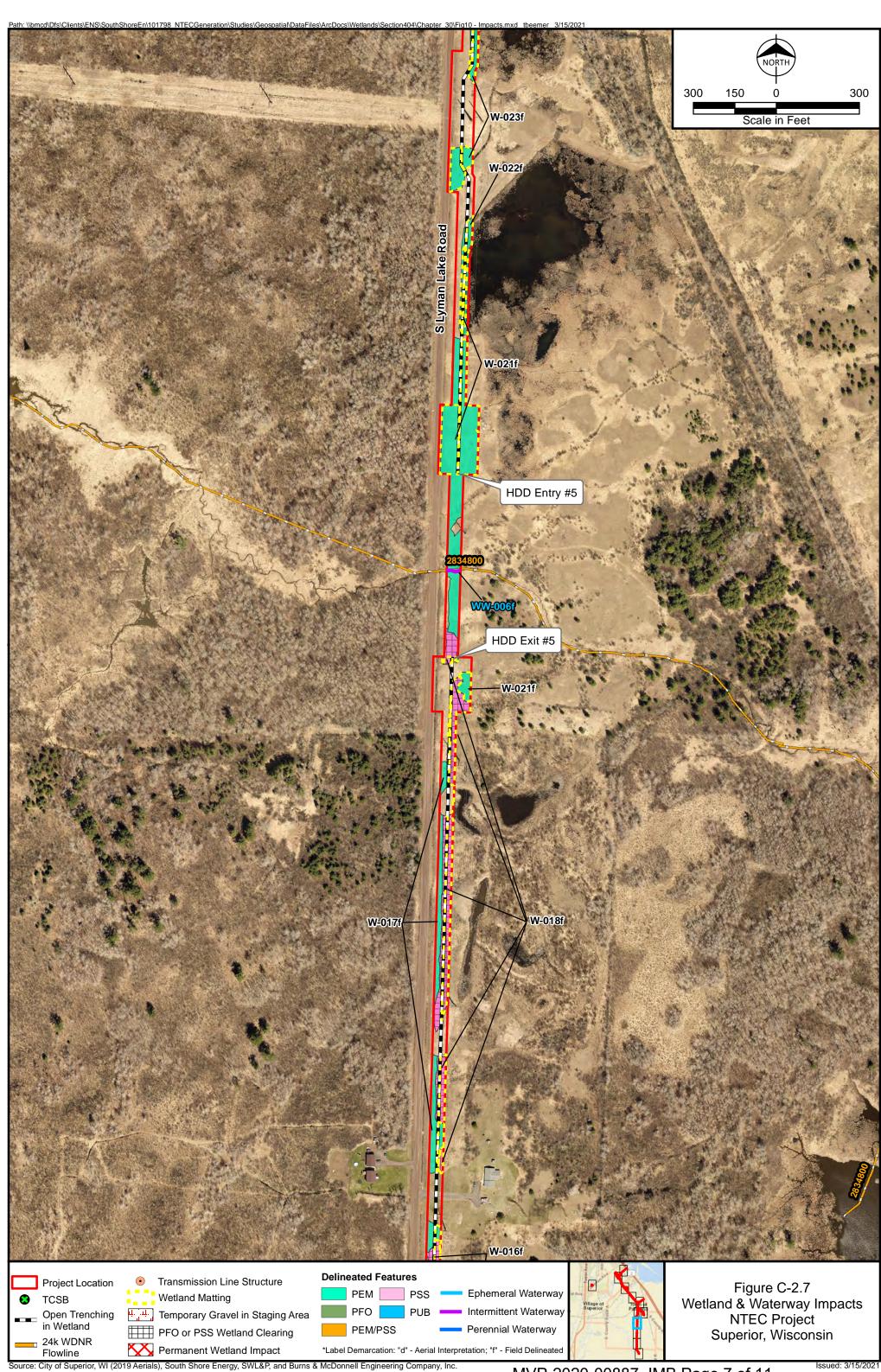


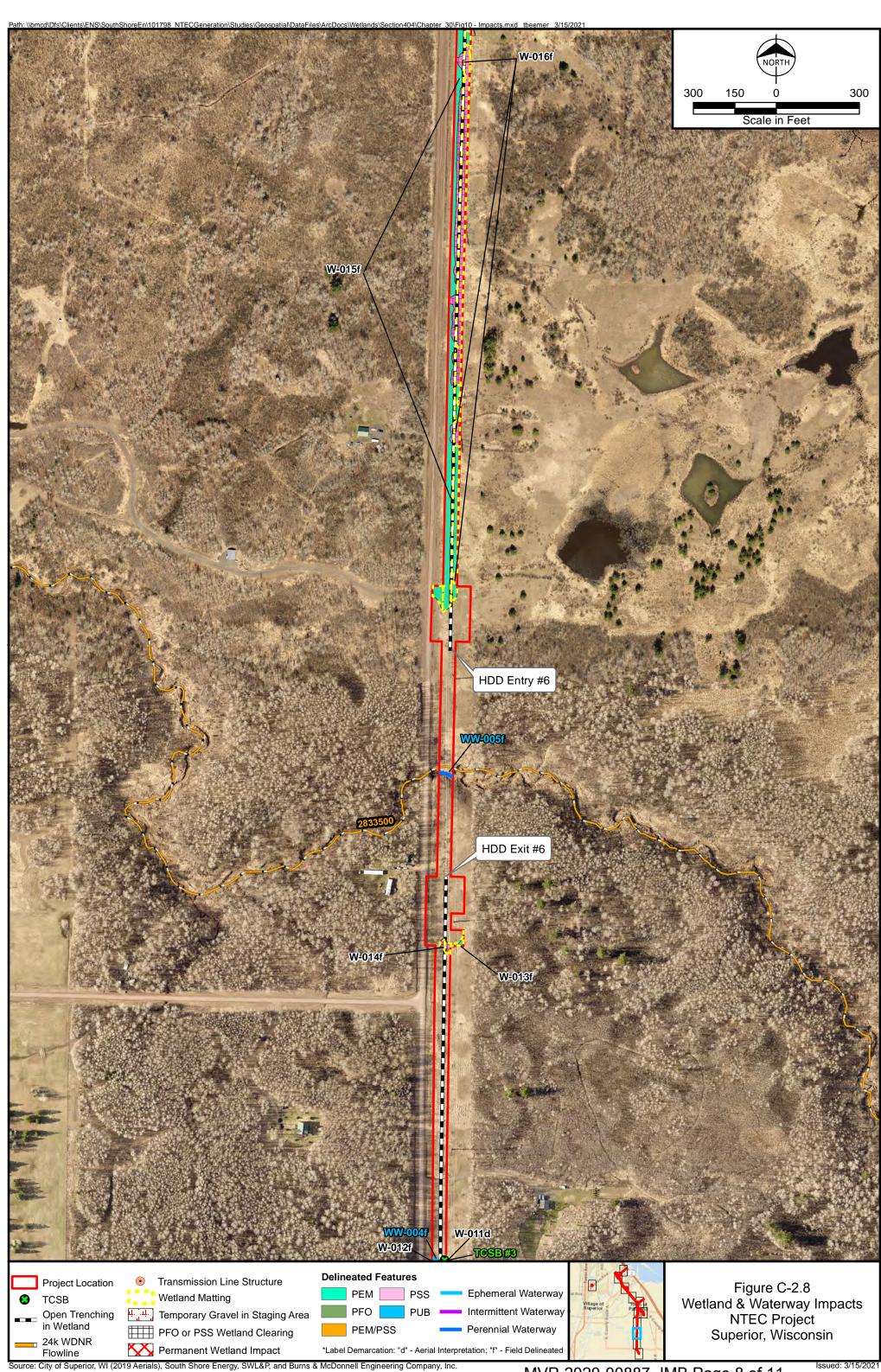


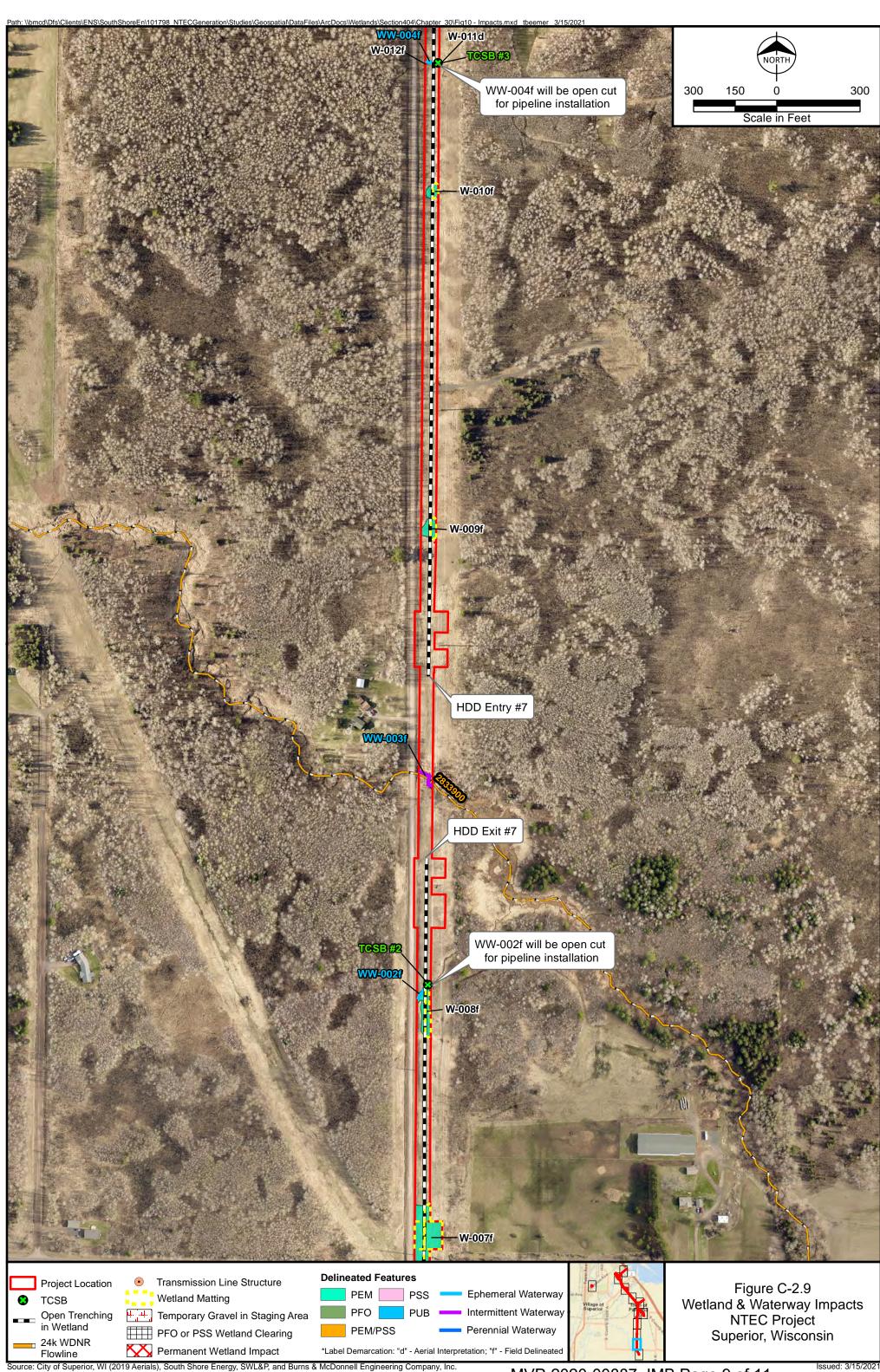


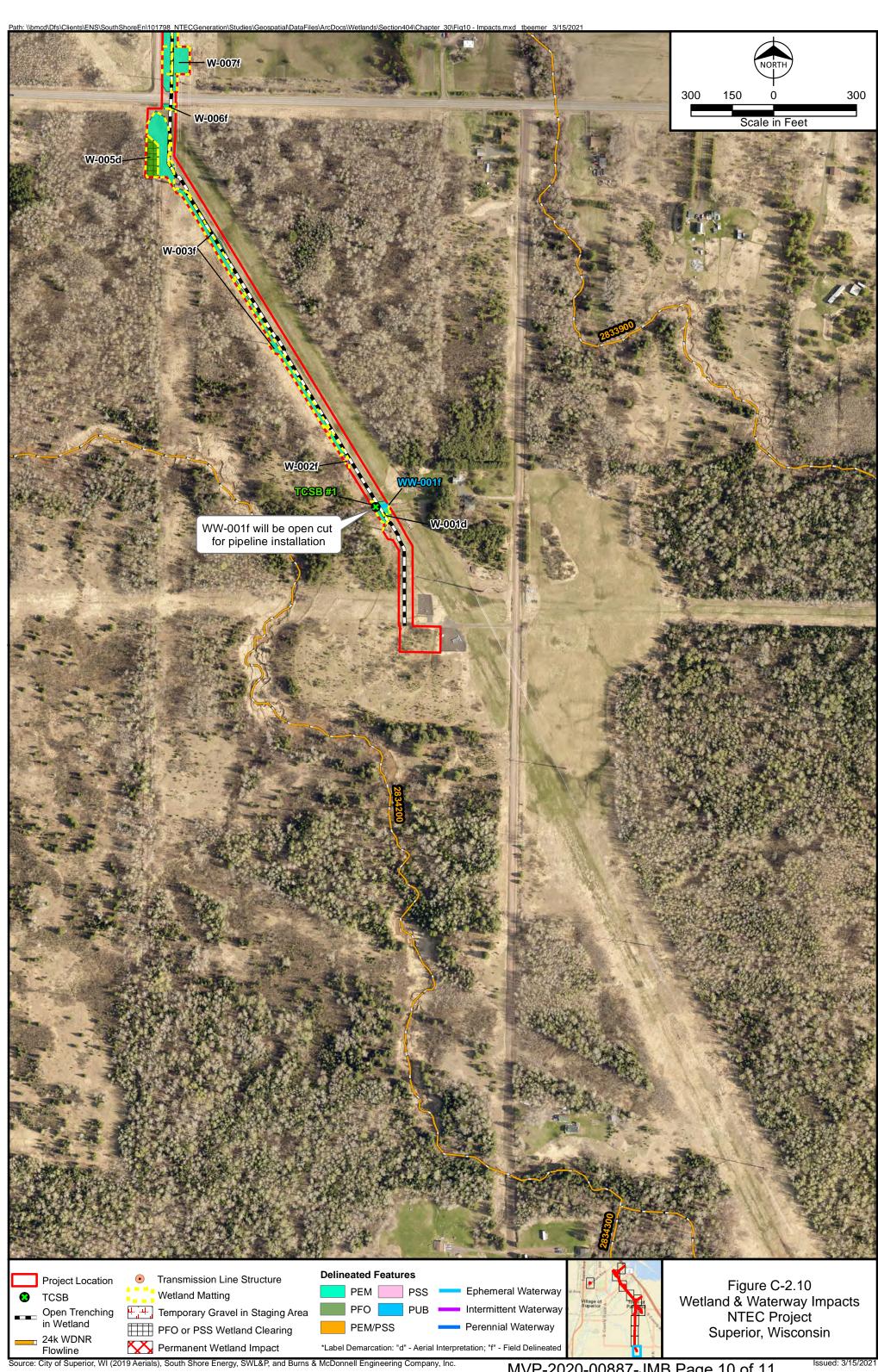












# Wetland/Waterway Impact Summary Table for the NTEC Project

RESOURCE				Waterway Impact	act Activity							Wetland Im	etland Impact Activity				LOCA.	IION				RESOURCE IM	IPACT	
/etland Type or Waterway Name <sup>1,A,B</sup>	Project Component	Feature Quality		Bridge <sup>3,E</sup>	Drec	dge <sup>4,F</sup>	Grading banks (upl	oland) HDI	D Plow feet) (linear fe	et) Trench 6,F	Matting 7,H	Temporary Impac		Permanent Structure/Fill ading Placement 9	County	Municipality	QQ	Q S	ction Township (			Gravel	el Permanent	
		ż,s Rating	Required		square reet	cubic yard	ft. 5				(square feet)	Gravel <sup>1</sup>		re feet) (square feet)					runge (E)	''	(square fe	eet) (square fe	eet) (square re-	(squa
PEM, Wet Prairie	Pipeline and/or Transmission Line Corridor	W-001d Mid		n/a	n/a	n/a	n/a	0	0	207	2,358	0	0	0 0	Douglas	Parkland	SW		33 T48N, R13	W No	2,358		0	$\equiv$
PEM, Wet Prairie PEM, Wet Prairie	Pipeline and/or Transmission Line Corridor	W-003f Low		n/a	n/a				0	1,118	32,390	0	0	0 0	Douglas	Parkland Parkland		NW NW	33 T48N, R13 33 T48N, R13		32,390 517	. 0	0	-
PEM, Wet Prairie	Pipeline and/or Transmission Line Corridor  Pipeline and/or Transmission Line Corridor	W-006f Low W-007f Mid		n/a n/a	n/a n/a				0	49	517	- 0	0	0 0	Douglas		SW		33 148N, R13 28 T48N R13		12.194		0	_
PEM, Wet Prairie	Pipeline and/or Transmission Line Corridor  Pipeline and/or Transmission Line Corridor	W-0071 Mid W-008f Mid		n/a n/a	n/a		n/a			555 453	12,194 3,214	0	0	0 0	Douglas Douglas		SW		28 T48N, R13		3,214			+
PEM. Wet Prairie	Pipeline and/or Transmission Line Corridor	W-009f Mid		n/a	n/a		n/a			180	1,439	0	0	0 0	Douglas		NW		28 T48N, R13		1,439		- 0	+-
PEM, Wet Prairie	Pipeline and/or Transmission Line Corridor	W-010f Mid		n/a	n/a				0	127	975	, o		0 0	Douglas		NW	NW	28 T48N, R13	W No	975	- 0	- 0	+
PEM, Wet Prairie	Pipeline and/or Transmission Line Corridor	W-011d Low	Yes	n/a	n/a	n/a	n/a	0	0	0	72	0	0	0 0	Douglas	Parkland			28 T48N, R13	W No	72	0	0	$\neg$
PEM, Wet Prairie	Pipeline and/or Transmission Line Corridor	W-013f Mid	Yes	n/a	n/a				0	0	615	0	0	0 0	Douglas	Parkland	SW	SW	21 T48N, R13		615		0	
PEM, Wet Prairie	Pipeline and/or Transmission Line Corridor	W-015f Mid	Yes	n/a	n/a	n/a	n/a		0	2,149	18,631	0	0	0 0	Douglas		NW NW	SW	21 T48N, R13		18,631	. 0	0	
PEM, Wet Prairie	Pipeline and/or Transmission Line Corridor Pipeline and/or Transmission Line Corridor	W-017f Mid W-021f Mid		n/a n/a	n/a n/a	n/a	n/a n/a		0	442	2,340	0	0	0 0	Douglas			NW SW	21 T48N, R13 16 T48N, R13		2,340 49.150		- 0	+
PEM, Wet Prairie	Pipeline and/or transmission line Corridor New T-ine Structures	W-0211 Mid W-023f Mid		n/a	n/a				0	2,228	49,150 41.802	0	30	0 0	Douglas Douglas				16 T48N, R13		41,802		113	+
PEM, Wet Prairie	New Time Structures	W-030f Mid	Yes	n/a	n/a					1,333	35,603	0	0	0 24	Douglas				9 T48N, R13		35,603		24	+
PEM, Wet Prairie	Pipeline and/or Transmission Line Corridor	W-035f Low	Yes	n/a	n/a	n/a	n/a		0	0	1,219	0	0	0 0	Douglas		NW		9 T48N, R13	W No	1,219	0	0	
PEM, Wet Prairie	Pipeline and/or Transmission Line Corridor	W-040f Low	Yes	n/a	n/a	n/a	n/a	28		1,723	54,425	0	30	0 0	Douglas		SE		8 T48N, R13		54,425	. 0	0	
PEM, Wet Prairie	New T-line Structures	W-041f Mid	Yes	n/a	n/a	n/a	n/a	210	0 0	2,046	77,531	0	30	0 77	Douglas		NE	NE	8 T48N, R13		77,531		77	
PEM, Wet Prairie PEM. Wet Prairie	New T-line Structures	W-045f Mid	Yes	n/a	n/a		n/a		0	5,546	126,659	0	0	0 77	Douglas		SW		5 T48N, R13		126,65		77	$\rightarrow$
PEM, Wet Prairie PEM, Wet Prairie	Pipeline and/or Transmission Line Corridor	W-048f Mid W-049f Mid		n/a	n/a				0	0	0	0	0	0 0	Douglas	Superior	NE		5 T48N, R13 5 T48N R13		0		- 0	_
PEM, Wet Prairie	Pipeline and/or Transmission Line Corridor  Pipeline and/or Transmission Line Corridor	W-049f Mid W-051f Mid		n/a n/a	n/a n/a	n/a n/a				0	2,514	0	0	0 0	Douglas Douglas	Superior Superior	NE SW	SW NW	5 T48N, R13 5 T48N R13		2,514		0	_
PEM, Wet Prairie	New T-line Structures	W-061f Low		n/a n/a	n/a n/a		n/a n/a			143	45,270	0		0 300	Douglas		NW		31 T49N, R13		45,270		300	+
PEM, Wet Prairie	New/Relocated T-line Structures	W-064f Mid	Yes	n/a	n/a	n/a	n/a	2,20	0	0	9,659	1 0	ŏ	0 63	Douglas		NW	NE	6 T48N, R13		9,659		63	+
PEM, Wet Prairie	Pipeline and/or Transmission Line Corridor	W-119f Mid	Yes	n/a	n/a				0	0	359	0	0	0 0	Douglas	Superior	SE		31 T49N, R13	W No	359	0	0	$\perp$
PEM, Wet Prairie	Pipeline and/or Transmission Line Corridor	W-120f Mid		n/a	n/a					0	18,036	0	0	0 0	Douglas	Parkland			9 T48N, R13		18,036		0	
PEM, Wet Prairie	Pipeline and/or Transmission Line Corridor	W-121d Mid	Yes	n/a	n/a	n/a	n/a	0	0	0	9,564	0	0	0 0	Douglas		NW		9 T48N, R13		9,564		0	$\rightarrow$
PEM, Wet Prairie PEM/PSS, Wet Prairie/Shrub-carr	New/Relocated T-line Structures	W-708f Low		n/a n/a	n/a n/a	n/a	n/a n/a		0	- 0	21,892	1 0	0	0 250	Douglas	Superior Parkland	SE NW		34 T49N, R13 28 T48N R13		21,892	- 0	250	_
DEM/DSS Wat Prairie/Shrub-care	Pipeline and/or Transmission Line Corridor New T-line Structures	W-012f Low W-037f Mid	Yes	n/a	n/a	n/a n/a			0	2.843	66.185	0	0	0 0	Douglas				9 T48N, R13		66.185	-	113	
PEM/PSS. Wet Prairie/Shrub-carr	Pipeline and/or Transmission Line Corridor	W-05/1 Mid		n/a	n/a				5 0	2,843	6.533	0	0	0 113	Douglas Douglas		NE		6 T48N, R13		6,533		0	2
PEM/PSS, Wet Prairie/Shrub-carr	New T-line Structures and Pipeline and/or Transmission Line Corridor/Relocates Access	W-055f Mid		n/a	n/a					5,406	225,489	, i	30	0 252	Douglas		NE		6 T48N, R13		225.48		252	
PFO, Hardwood Swamp	Pipeline and/or Transmission Line Corridor	W-005d Mid		n/a	n/a	n/a	n/a	0	0	0	5,893	0	0	0 0	Douglas	Parkland	NW	NW	33 T48N, R13	W No	5,893	0	0	
PFO, Hardwood Swamp	Pipeline and/or Transmission Line Corridor	W-024f Mid		n/a	n/a		n/a	0	0	0	432	0	0	0 0	Douglas	Parkland	SW		16 T48N, R13		432	0	0	
PFO, Hardwood Swamp	Pipeline and/or Transmission Line Corridor	W-033f Mid	No	n/a	n/a				0	0	0	0	0	0 0	Douglas		SE		8 T48N, R13		0	0	0	
PFO, Hardwood Swamp PFO, Hardwood Swamp	Pipeline and/or Transmission Line Corridor	W-036d High		n/a	n/a		n/a		0	0	7,782	0	0	0 0	Douglas	Parkland	NW	SW	8 T48N, R13	W No	7,782		0	- 3
PFO, Hardwood Swamp PFO, Hardwood Swamp	New T-line Structures	W-038d Mid		n/a	n/a				- 0	0	13,180	0	0	0 38	Douglas		NE CIW		8 T48N, R13 9 T48N, R13		13,180		38	10
PFO, Hardwood Swamp PFO, Hardwood Swamp	Pipeline and/or Transmission Line Corridor Pipeline and/or Transmission Line Corridor	W-039f High W-043f Mid		n/a n/a	n/a n/a				0	- 0	12,404 10,248	0	0	0 0	Douglas Douglas		SW NE		9 T48N, R13 8 T48N, R13		12,404		0	1 1
PFO, Hardwood Swamp	Pipeline and/or Transmission Line Corridor	W-045f Mid	Yes	n/a	n/a				0	0	1,392	1 0	0	0 0	Douglas				5 T48N, R13		1,392		- 0	1
PFO, Hardwood Swamp	Pipeline and/or Transmission Line Corridor	W-047f Mid	No	n/a	n/a	n/a	n/a	0	0	, i	0	0	o l	0 0	Douglas		SW	SE	5 T48N, R13		0	- 0	- 0	
PFO, Hardwood Swamp	Pipeline and/or Transmission Line Corridor	W-052d Mid	Yes	n/a	n/a		n/a	0	0	0	0	0	0	0 0	Douglas		SW	NW	5 T48N, R13	W No	0	0	0	
PFO, Hardwood Swamp	Pipeline and/or Transmission Line Corridor	W-053d Mid		n/a	n/a	n/a			0	0	0	0	0	0 0	Douglas				5 T48N, R13		0	0	0	
PFO, Hardwood Swamp	Pipeline and/or Transmission Line Corridor	W-056f Mid W-057f Mid	Yes	n/a	n/a	n/a	n/a	0	0	0	7,118	0	0	0 0	Douglas	Superior	NE	NE	6 T48N, R13		7,118	0	0	
PFO, Hardwood Swamp PFO, Hardwood Swamp	Pipeline and/or Transmission Line Corridor	W-057f Mid	Yes	n/a	n/a	n/a	n/a		. 0	0	524	0	0	0 0	Douglas	Superior	NE		6 T48N, R13		524		- 0	1
PFO, Hardwood Swamp	Pipeline and/or Transmission Line Corridor  New/Relocated T-line Structures	W-058f Mid W-059f Mid	Yes Yes	n/a n/a	n/a n/a	n/a n/a	n/a n/a	534	4 0	-	2,575 2,247	0	0	0 0	Douglas		SW		31 T49N, R13 31 T49N, R13		2,575 2,247	- 0	63	5
PFO, Hardwood Swamp	New/Relocated 1-line Structures	W-062f Mid		n/a	n/a				9 0	- 0	25,606	0	0	0 63	Douglas Douglas		NW		31 T49N, R13		25.606		487	
PFO, Hardwood Swamp	Transmission Line Corridor and New Substation (Pad. Stormwater Basin. Graded Sloped Perimeter. Driveway, and Cleared Outer Perimeter)	W-084f High		n/a	n/a					0	17,484	0	0	0 143,193	Douglas	Parkland			17 T48N, R13		17.484		143,193	
PFO, Hardwood Swamp	Pipeline and/or Transmission Line Corridor	W-501f Mid		n/a	n/a	n/a	n/a	18	0 0	0	985	0	0	0 100	Douglas		NE	NW	31 T49N, R13	W No	985	0	100	3
PFO, Hardwood Swamp	Pipeline and/or Transmission Line Corridor	W-705f Mid	Yes	n/a	n/a	n/a	n/a	0	0	0	0	0	0	0 232	Douglas		SE	NW	31 T49N, R13	W No	0	0	232	
PSS, Shrub-carr	Pipeline and/or Transmission Line Corridor	W-002f Mid	Yes	n/a	n/a				0	0	966	0	0	0 0	Douglas	Parkland	SW		33 T48N, R13	IW No	966	0	0	
PSS, Shrub-carr PSS, Shrub-carr	Pipeline and/or Transmission Line Corridor	W-014f Mid		n/a	n/a	n/a	n/a		0	95	1,237	0	0	0 0	Douglas		SW	SW	21 T48N, R13		1,237	0	0	
PSS, Shrub-carr PSS. Shrub-carr	Pipeline and/or Transmission Line Corridor Pipeline and/or Transmission Line Corridor	W-016f Mid W-018f Mid		n/a n/a	n/a				0	3,043	26,352	0		0 0	Douglas			SW	21 T48N, R13 21 T48N, R13		26,352 32,575		0	4
PSS. Shrub-carr	Pipeline and/or transmission Line Corridor  Pipeline and/or Transmission Line Corridor	W-031f Mid		n/a	n/a n/a					3,381 652	32,575 9,097	0		0 0	Douglas Douglas		SW		9 T48N, R13		9.097		- 0	1
PSS. Shrub-carr	Pipeline and/or Transmission Line Corridor	W-0311 Mid	Yes	n/a	n/a		n/a		0	0	0,097	0	0	0 0	Douglas		SW	SW	9 T48N R13		0,057	- 0	- 0	
PSS, Shrub-carr	Pipeline and/or Transmission Line Corridor	W-034f Mid		n/a	n/a	n/a	n/a		0		8,105	, o	0	0 0	Douglas		SE	SE	8 T48N, R13	W No	8,105	- 0	- 0	
PSS, Shrub-carr	Transmission Line Corridor and New Substation (Pad, Stormwater Basin, Graded Sloped Perimeter, Driveway, and Cleared Outer Perimeter)	W-081f High	Yes	n/a	n/a		n/a	0	0	0	5,502	0	0	0 25,976	Douglas		SE	NE	17 T48N, R13	W No	5,502	0	25,976	3
PSS, Alder Thicket	Pipeline and/or Transmission Line Corridor	W-709f Low	Yes	n/a	n/a				0	0	0	0	0	0 0	Douglas	Superior	SE		35 T49N, R13		0	0	0	
PUB, Submergent Marsh PUB, Submergent Marsh	Pipeline and/or Transmission Line Corridor  Pipeline and/or Transmission Line Corridor	W-020f Mid		n/a n/a	n/a	n/a	n/a		0	0	0	0	0	0 0	Douglas	Parkland Parkland	NW NW	NW SW	21 T48N, R13 16 T48N R13		0	0	0	+
		W-022f Mid			n/a		1.9.0			0	0	0	0	0 0	Douglas						- 0	- 0		+
PUB, Submergent Marsh Ephemeral, UNT to Bluff Creek	Pipeline and/or Transmission Line Corridor	W-117d Low WW-001f n/a		n/a	n/a					0	0	0		0 0	Douglas		NE		6 T48N, R13		0	0	0	
Ephemeral, UNT to Bluff Creek	Pipeline and/or Transmission Line Corridor			Yes – for pipeline	7.5					n/a	n/a	n/a		n/a 0	Douglas						n/a			
Intermittent, UNT to Bluff Creek	Pipeline and/or Transmission Line Corridor Pipeline and/or Transmission Line Corridor	WW-002f n/a WW-003f n/a		Yes – for pipeline	2.5					n/a n/a	n/a n/a	n/a n/a		n/a 0	Douglas Douglas				28 T48N, R13 28 T48N, R13		n/a n/a			-
Ephemeral, UNT to Bluff Creek	Pipeline and/or Transmission Line Control  Pipeline and/or Transmission Line Corridor	WW-003f I/a		Yes – for pipeline	2.5		n/a			n/a	n/a	n/a		n/a 0	Douglas		NW		28 T48N, R13		n/a			_
Perennial, Birch Creek	Pipeline and/or Transmission Line Corridor	WW-005f n/a		No.	0					n/a	n/a	n/a		n/a 0			SW		21 T48N, R13		n/a			
Intermittent, UNT to Bear Creek	Pipeline and/or Transmission Line Corridor	WW-006f n/a		No.	0					n/a	n/a	n/a		n/a 0	Douglas Douglas				16 T48N, R13		n/a			
Intermittent, UNT to Bear Creek	Pipeline and/or Transmission Line Corridor	WW-007f n/a		Yes – for pipeline	30	5.6			12	n/a	n/a	n/a		n/a 0	Douglas		SW		16 T48N, R13		n/a			_
Perennial, Bear Creek	Pipeline and/or Transmission Line Corridor	WW-008f n/a		No	0						n/a	n/a		n/a 0	Douglas		SW		9 T48N, R13		n/a			
Perennial, Bear Creek	Pipeline and/or Transmission Line Corridor	WW-009f n/a	No	No	0	0.0	n/a	30	0	n/a	n/a	n/a	n/a	n/a 0	Douglas		NE		8 T48N, R13	W Yes <sup>N</sup>	n/a	n/a	-	-
Ephemeral, UNT to Bluff Creek	Pipeline and/or Transmission Line Corridor	WW-010f n/a		Yes – for transmission line	0	0.0	n/a	0	0	n/a	n/a	n/a		n/a 0	Douglas		NE	SW	5 T48N, R13		n/a		0	
Intermittent, UNT to Bluff Creek	Pipeline and/or Transmission Line Corridor	WW-011f n/a	Yes	Yes – for transmission line	0	0.0	n/a			n/a	n/a	n/a		n/a 0	Douglas	Superior	NE	SW	5 T48N, R13	W No	n/a			
Intermittent, UNT to Bluff Creek	Pipeline and/or Transmission Line Corridor	WW-012f n/a		Yes – for transmission line	0				0	n/a	n/a	n/a		n/a 0	Douglas	Superior	NE	SW	5 T48N, R13		n/a			
Intermittent, UNT to Bluff Creek	Pipeline and/or Transmission Line Corridor	WW-013f n/a		No	0	0.0	n/a		0	n/a	n/a	n/a		n/a 0	Douglas		SW		5 T48N, R13		n/a			_
Perennial, Bluff Creek	Pipeline and/or Transmission Line Corridor	WW-014f n/a	No	No	0	0.0	n/a			n/a	n/a	n/a		n/a 0	Douglas	Superior	SW		5 T48N, R13		n/a			$\perp$
Intermittent, UNT to Nemadji River	Pipeline and/or Transmission Line Corridor and Relocates Access	WW-015f n/a		Yes - both for transmission, pipeline, and relocates <sup>o</sup>	5					n/a	n/a	n/a		n/a 0	Douglas				6 T48N, R13		n/a			+
Ephemeral, UNT to Nemadji River Ephemeral, UNT to Nemadji River	Pipeline and/or Transmission Line Corridor	WW-016f n/a		Yes – for transmission line	0						n/a	n/a		n/a 0	Douglas				6 T48N, R13		n/a			+
Ephemeral, UNT to Nemadji River Ephemeral, UNT to Nemadji River	Pipeline and/or Transmission Line Corridor Pipeline and/or Transmission Line Corridor	WW-017f n/a WW-018f n/a		No No	0	0.0	n/a		0	n/a	n/a n/a	n/a	n/a n/a	n/a 0	Douglas	Superior	SW	SE	31 T49N, R13 31 T49N, R13		n/a	n/a n/a		+
	Pipeline and/or Transmission Line Corridor  Pipeline and/or Transmission Line Corridor	WW-018f n/a WW-019f n/a		NO No	0	0.0	n/a	150		n/a n/a	n/a n/a	n/a n/a		n/a 0 n/a 0	Douglas	Superior	NW SE	NW SE			n/a n/a			+
Perennial, Nemadii River														·/~   U	Dong192	Juperior	JE							1
Ephemeral, UNT to Nemadji River	Pipeline and/or Transmission Line Corridor  Pipeline and/or Transmission Line Corridor	WW-501f n/a	No	No	0	0.0	n/a	150	n	n/a	n/a	n/a	n/a	n/a 0	Donalas	Superior	SE	NW	31 T49N, R13 32 T49N, R13	W No	n/a	n/a	0	

Wetland Conversion To	tals by Wetland Type <sup>G</sup>
Total Forested to Emergent	Total Shrub to Emergent Wetlan
Wetland Conversion (Sq Feet)	Conversion (Sq Feet) <sup>K</sup>
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	Ö
0	0
0	0
0	0
0	0
0	0
0	0
0	Ö
0	0
0	0
0	0
0	0
0	0
0	65
0	65,758
0	25,840
0	219,828
5,893	0
5,744 98	0
7,782	0
106,046	0
14,086	0
11,241	0
1,392	0
220	0
655 2,260	0
7,118	0
16,729	0
2,594	0
50,559	0
87,611	0
61,814 31,922	0
0	0
0	966
0	1,332
0	46,179
0	54,586
0	12,552
0	1,233 8,151
0	32,104
0	0
0	0
0	0
0	0
413,763	468,594

1 For wetlands, state the wetland type using the Eggars and Reed Classification system. For waterways, indicate where water flows (e.g. UNT to Silver Creek) (UNT = unnamed tributary). Include all waterways mapped in the DNR Surface Water Data Viewer webtool that cross the project path.

The weatnest, state of the weatnest yet using use Laguer and note of death of the weathers, indicate where weath lower (e.g., ON 1 to direct deeth) (ON 1 - United Steek) (ON 1

5 Only complete this column if the upland banks of the waterway will be graded in excess of 10,000 sq. ft., and if the project is not located in Milwaukee County, if the project will not require a local grading/shoreland permit, and if the project will not require a WDNR construction stormwater permit

Conty complete his column if the upland banks of the waterway will be graded in excess of 10,000 st, ft., and if the project is not located in Milwaukee County, if the project will not require a local grading shoreland pern eff the wetland will be trenched, indicate the area (length by width) of soil to be removed and backfilled (temporary fill)

If construction matting (i.e. timber, composite, etc.) will be placed in wetland for vehicle/equipment access or under soil stockpiles, indicate the area (length by width) of matting to be placed in wetland (temporary fill)

If the area of temporary vetland disturbance (length by width) for each bore pit is unknown at this time, please use an estimate based on the size of the pipe

If a permanent structure or permanent fill will be placed in wetland (i.e. valve station, lift station, hydrants, etc.), incidate the area (length by width) of permanent fill

If indicate if the wetland or waterway is a WDNR Area of Special Natural Resource Interest, which includes trout streams

Conversion refers to vegetative clearing of shrub and/or forested wetlands, resulting in an herbaceous wetland, for the purposes of construction

Project Notes:

Initial coded welfand classification is according to Cowardin (USFWS, 1979) PEM = Palustrine Emergent, PSS = Palustrine Scrub-Shrub, PFO = Palustrine Forested, PUB = Palustrine Forested, PUB = Palustrine Unconsolidated Bottom. For waterways, "UNT" is unnamed tributary.

\*\*Rating based on best professional judgement, guidance from WDNR, species diversity, invalves species abundance, and location of welfand to degraded or disturbed areas. Additional information can be referenced in the most recent Project WRAM forms.

\*\*Assumes a permit is not needed for welfands and waterways with no impacts, but that will be spanned or bored under via HDD.

\*\*Indicates a temporary clear span tribing (TCSB) above the OHWM of a waterway with an original tribing of the properties of the properties

Staging area fill will consist of protective layered material below cruch rock, to be in place for the entire duration of the generation facility, natural gas pipeline, and transmission line project components. A preliminary restoration plan has been provided for agency review and o

\* Forested welfand clearin refers to clearing of frosted dominant welfand to emergent dominant welfand.

\*Shrub welfand clearin prefers to clearing of shrubscytub dominant welfand to emergent dominant welfand. Welfands with a classification of PEMIPSS or Wet Prairie/Shrub-carr are counted at a 50% conversion rate per guidance from WDNR and USACE during the 5/29/20 site visit.

\*\*W. 508f + an existing externwater point that will be expanded in slace to accommodate the generation facility. Based on the meanmade nature of this resultance, impacts are not calculated for this expansion.

\*\*W. 1176 is a destinate point designated as a Special Area Management Plan Welfard under the City of Superior, no impacts are anticipated.

\*\*These waterways are designated as a Special Area Management Plan Welfard ways under the City of Superior, no impacts are anticipated.

\*\*OWA.015f will serve to be bridged for pipeline, transmission line, and utility relocates access.

\*\*P The Nemadji River is a Navigable Water and is both spanned and bored under for the Project. A Section 10 permit is requested as part of the overall USACE review.

Issued 4/21/2025