

**Remove/Replace
Table 5-1 and Table 5-2
Behind Page 5-1**

**Table 5-1
St. Lawrence Wind Farm Wetland Delineation and Proposed Fill (impact)**

Figure 2 8"x11" Sheet Number	Wetland ID	Wetland Type*	Associated Turbine Location	NYS DEC Mapped Wetland (#)	Cowardin Classification ¹	Proposed Temporary Excavation for Cables	Proposed Temporary Fill for Road Disturbance	Proposed Permanent Fill (Roads) Area ²	Proposed "Stream" Bank Alteration (In. ft.)	Forested Wetland Conversion	Longitude (West)	Latitude (North)
1	W22	Scrub-shrub wetland located in old pasture	3	No	PSS1/PEM1	11,923.6	0.0	5,898.1			76.32384994	44.11195805
1	W24	Herbaceous wetland located in the overflow of a man-made pond	2	No	PEM1	0.0	0.0	0.0				
1	W24-T	Herbaceous wetland with intermittent drainage into W24	2	No	PEM1	0.0	130.7	137.7			76.32889267	44.10795342
1	W43	Isolated deciduous forested wetland	1	No	PFO1	0.0	0.0	0.0				
1	W45	Herbaceous wetland with intermittent drainage	1	No	PEM1	180.2	150.0	92.5			76.33050074	44.10884283
2	W18-T1	Herbaceous wetland with intermittent drainage from agricultural fields into W18	5,6	No	PEM1	0.0	0.0	0.0				
2	W18	Herbaceous wetland with associated ditch system	5,6,7	No	PEM1	2,691.9	1,233.1	962.0			76.31496638	44.11714071
2	W32	Herbaceous wetland adjacent to NY State Route 12E	4-6	No	PEM1	0.0	0.0	0.0				
3	W18-T2	Herbaceous wetland with intermittent drainage from agricultural fields into W18	7,8	No	PEM1	122.1	95.4	61.0			76.31016792	44.12113731
3	W33	Deciduous forested wetland surrounded by agricultural fields	7,8	No	PFO1	0.0	0.0	0.0				
4	W54	Herbaceous wetland with intermittent drainage	9	No	PEM1	161.0	0.0	0.0				
5	W54	See Sheet 4										
5	OT1	Deciduous forested wetland with narrow (linear) wetlands that extend along abandoned railroad grade, some linear portions are herbaceous wetlands	Along overhead Transmission route	Yes (CV-1)	PFO1/PEM1	0.0	0.0	0.0				
5	OT2	Deciduous forested wetland, with linear wetlands extend along abandoned railroad grade	Along overhead Transmission route	Yes (V-1)	PFO1/PEM1	0.0	0.0	0.0				
5	OT20	Herbaceous drainage wetland bordering railroad ballast	Along overhead Transmission route	No	PEM1	0.0	0.0	0.0				
6	W27	Deciduous forested wetland	10	No	PFO1	0.0	0.0	0.0				
6	W56	Isolated wetland located in a mowed travelled way	10	No	PEM1	0.0	0.0	0.0				
6	W55	Scrub-shrub wetland connecting to a forested wetland located off the assessment corridor	20	No	PSS1	725.9	0.0	0.0				
6	W57	Herbaceous wetland located in a mowed field and bordering a scrub-shrub wetland	20	No	PEM1	0.0	0.0	0.0				
7	W59	Herbaceous wetland in an isolated depression in farm field	15	No	PEM1	0.0	180.7	161.3			76.25857198	44.13331529
8	W25	Herbaceous wetland showing pond characteristics (possible vernal pool)	22	No	PEM1	0.0	0.0	0.0				
8	W26	Small "braided" intermittent stream (stream Class D) through an agricultural field	20,22	No	R4/PEM1	589.5	0.0	453.6	40.00		76.27061492	44.15230737
8	W26-T2	Intermittent stream in agricultural field, with herbaceous species on banks (stream Class D) that connects to W26	20,22	No	R4	361.8	0.0	0.0	10.00			

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8	W26-T3	Intermittent drainage swale through forested wetland that connects to W26	20,22	No	PFO	1,360.8	0.0	0.0		1,361		
8	W47	Herbaceous wetland with intermittent drainage	23	No	PEM1	0.0	0.0	0.0				
8	W48	Herbaceous wetland in depressed area	23	No	PEM1	363.2	383.3	300.0			76.27248029	44.15027511
8	W49	Herbaceous wetland, ditch bisects wetland	20	No	PEM1	642.1	0.0	0.0				
8	W23-T	Vegetated Swale	21	No	PEM1	0.0	0.0	0.0				
9	W20	Deciduous forested wetland	19	No	PFO1	0.0	0.0	0.0				
9	W34-T11	Herbaceous wetland with intermittent flow located within an agricultural field that connects to W34	17	No	PEM1	0.0	725.7	548.5			76.257543	44.145179
9	W35	Herbaceous wetland in depressed area	18	No	PEM1	1,731.8	0.0	0.0				
10	W34-T5	Herbaceous wetland with intermittent flow located within an agricultural field that connects to W34	17	No	PEM1	469.5	0.0	0.0				
10	W34-T6	Herbaceous wetland with intermittent flow located within an agricultural field that connects to W34	16, 17	No	PEM1	3,594.3	0.0	0.0				
10	W34-T7	Herbaceous wetland with intermittent flow located within an agricultural field that connects to W34	16, 17	No	PEM1	306.8	0.0	0.0				
10	W34-T8	Herbaceous wetland with intermittent flow located within an agricultural field that connects to W34	16, 17	No	PEM1	519.4	0.0	0.0				
10	W34-T9	Herbaceous wetland with intermittent flow located within an agricultural field that connects to W34	16	No	PEM1	0.0	0.0	0.0				
10	W35	See Sheet 9										
11	OT1	See Sheet 5										
11	W53	Scrub-shrub wetland with temporary impact on associated agricultural ditch consisting of herbaceous vegetation	14,15	No	PSS1/PEM1	258.1	0.0	0.0				
11	W58	Herbaceous wetland in an isolated depression of farm field	15	No	PEM1	0.0	0.0	0.0				
12	W26-T1	Intermittent agriculture drainage through an agricultural field, with herbaceous species on banks that connects to W26	23	No	PEM1	99.6	115.6	91.1			76.27907943	44.14915924
12	W40	Herbaceous wetland bordering small pond located north of assessment corridor	23	No	PEM1	0.0	0.0	0.0				
12	W47	See Sheet 8										
12	W51-T	Herbaceous wetland with intermittent flow located within an agricultural field that connects to W51	26	No	PEM1	193.2	0.0	0.0				

**Table 5-1
St. Lawrence Wind Farm Wetland Delineation and Proposed Fill (impact)**

Figure 2 8"x11" Sheet Number	Wetland ID	Wetland Type*	Associated Turbine Location	NYS DEC Mapped Wetland (#)	Cowardin Classification ¹	Proposed Temporary Excavation for Cables	Proposed Temporary Fill for Road Disturbance	Proposed Permanent Fill (Roads) Area ²	Proposed "Stream" Bank Alteration (In. ft.)	Forested Wetland Conversion	Longitude (West)	Latitude (North)
12	W50	Herbaceous wetland in isolated depressed area	25	No	PEM1	0.0	0.0	0.0				
13	W13	Herbaceous/scrub-shrub wetland	29,30	No	PEM1/PSS1	0.0	0.0	0.0				
13	W34-T10	Herbaceous wetland with intermittent flow located within an agricultural field that connects to W34	27	No	PEM1	472.9	779.9	362.1			76.25349406	44.15132381
13	W41	Wooded hedgerow showing wetlands characteristic	28	No	PFO1/PEM1	1267.5 ⁴	0.0	0.0				
13	W42	Wooded hedgerow showing wetlands characteristic	27-29	No	PFO1	0.0	0.0	0.0				
13	W42-T	Herbaceous wetland with intermittent flow located within an agricultural field that connects to W42	27-29	No	PEM1	251.6	0.0	136.9			76.24953203	44.15217323
13	W34-T12	Scrub/shrub wetland along ditches associated with Wetland W34 and W41 that drains to NYDEC wetland ST-9	17,28	No	PEM1	526.4	0.0	0.0				
13	W34	Forested wetland	28	Yes (ST-9)	PFO1		0.0	0.0				
14	W34	See Sheet 13										
14	W34-T12	See Sheet 13										
14	W34-T1	Herbaceous wetland with intermittent flow located within an agricultural field that connects to W34	28	No	PEM1	48.6	0.0	0.0				
14	W34-T2	Herbaceous wetland with intermittent flow located within an agricultural field that connects to W34	17,28	No	PEM1	97.3	0.0	0.0				
14	W34-T3	Herbaceous wetland with intermittent flow located within an agricultural field that connects to W34	17,28	No	PEM1	151.4	0.0	0.0				
14	W34-T4	Herbaceous wetland with intermittent flow located within an agricultural field that connects to W34	17,28	No	PEM1	400.7	0.0	0.0				
14	W34-T5	See Sheet 10										
14	W34-T6	See Sheet 10										
14	W34-T7	See Sheet 10										
14	W41	See Sheet 13										
15	W13	Herbaceous/scrub-shrub wetland	29,30	No	PEM1/PSS1	0.0	0.0	0.0				
15	W13-T	Herbaceous wetland with intermittent flow located within an agricultural field that connects to W13	29,30	No	PEM1/PSS1	0.0	0.0	0.0				
15	W51	Herbaceous wetland in depressed area alongside a road	26,30	No	PEM1	0.0	0.0	0.0				
15	W51-T	See Sheet 12										
15	W52	Herbaceous wetland in depressed area alongside a road.	26	No	PEM1	357.1	0.0	0.0				
16	W16	Deciduous forested wetland	31	Yes (St-8)	PFO1	0.0	0.0	0.0				

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16	W16-T1	Herbaceous wetland with intermittent flow located within an agricultural field that connects to W16	31	No	PEM1	667.8	237.4	151.7			76.23409	44.153336
16	W16-T2	Herbaceous wetland with intermittent flow located within an agricultural field that connects to W16	31	No	PEM1	238.7	0.0	0.0				
16	W34-T1	See Sheet 14										
17	W10	intermittent channel supporting wetland vegetation	36	No	PEM1	1,043.7	1,052.7	771.3			76.2362221	44.16321316
17	W46	Herbaceous wetland in isolated depression of farm field	38	No	PEM1	0.0	0.0	0.0				
17	W9	Herbaceous wetland (with possible intermittent flow) and constructed farm pond	37	No	PEM1/PUBH	0.0	0.0	0.0				
18	W17	Herbaceous wetland with intermittent flow supporting wetland vegetation	35	No	PEM1	2,317.8	0.0	0.0				
19	W11	Deciduous forested wetland abutting fields and extending into a hedge row	32,33	Yes (ST-6)	PFO1	0.0	0.0	0.0				
19	W11-T	Herbaceous wetland with intermittent flow located within an agricultural field that connects to W11	32,33	No	PEM1	127.5	0.0	0.0				
20	W14	Herbaceous/scrub-shrub wetland	41	No	PEM1/PSS1	0.0	0.0	0.0				
20	W15	Herbaceous/scrub-shrub wetland	40,41	No	PEM1/PSS1	0.0	0.0	0.0				
20	W60	Herbaceous wetland with intermittent drainage	38,39	No	PEM1	211.3	0.0	0.0				
20	W46	See Sheet 17										
21	W14	See Sheet 20										
21	W15	See Sheet 20										
21	W17-T	Herbaceous wetland with intermittent flow supporting wetland vegetation that connects to W17	42	No	PEM1	0.0	0.0	0.0				
21	W9	Herbaceous wetland (with possible intermittent flow) and constructed farm pond	41,42	No	PEM1/PUBH	553.0	0.0	0.0				
22	W11-T	See Sheet 19										
23	W31	Forested wetland with an existing agricultural equipment road crossing.	44	No	PFO1	4,273.9	4,643.6	3,658.6		13,420	76.20862303	44.17473343
23	W7	Herbaceous wetland located in cow pasture with man made farm pond located with in it	51	No	PEM1	0.0	0.0	0.0				
24	W3	Herbaceous wetland leading into a forested wetland along field	49	No	PFO1	0.0	0.0	0.0				
24	W6	Deciduous forested wetland abutting field	50	No	PFO1	0.0	0.0	0.0				
24	W7	See Sheet 23										
25	W1	Deciduous forested wetland	44	No	PFO1	0.0	0.0	0.0				
27	W5	Deciduous forested wetland	48	No	PFO1	0.0	0.0	0.0				
26	W8	Deciduous forested wetland	53, 58	No	PFO1	0.0	0.0	0.0				

**Table 5-1
St. Lawrence Wind Farm Wetland Delineation and Proposed Fill (impact)**

Figure 2 8"x11" Sheet Number	Wetland ID	Wetland Type*	Associated Turbine Location	NYS DEC Mapped Wetland (#)	Cowardin Classification ¹	Proposed Temporary Excavation for Cables	Proposed Temporary Fill for Road Disturbance	Proposed Permanent Fill (Roads) Area ²	Proposed "Stream" Bank Alteration (In. ft.)	Forested Wetland Conversion	Longitude (West)	Latitude (North)
27	W4	Deciduous forested wetland adjacent to field	48	No	PFO1	0.0	0.0	0.0				
27	W44-T	Herbaceous wetland	48	No	PEM1	0.0	0.0	0.0				
27	W5	See Sheet 26										
27	W8	See Sheet 26										
28	W2	Deciduous forested wetland with herbaceous and scrub-shrub understory	47	No	PFO1	0.0	0.0	0.0				
Figure 3	OT-18	Herbaceous/scrub-shrub wetland associated agricultural drainage	Along overhead Transmission route	No	PEM1	0.0	625.0	10.0				
Figure 3	OT-13	Herbaceous/scrub-shrub wetland in pasture	Along overhead Transmission route	No	PEM1	0.0	625.0	10.0				
Figure 3	OT-12	Herbaceous/scrub-shrub wetland (mowed)	Along overhead Transmission route	No	PEM1	0.0	625.0	10.0				
Other Wetlands Assessed - these wetlands were evaluated during the alternatives layout design process. These wetlands are not affected by the proposed Project.												
	W37	Small isolated herbaceous wetland	1	No	PEM1							
	W39	Herbaceous wetland with intermittent drainage	8	No	PEM1							
	W38	Herbaceous wetland with intermittent drainage to Scotch Brook	none	No	PEM1							
	W19	Herbaceous wetland	none	No	PEM1							
	W28	Deciduous forested wetland and herbaceous wetland	21	No	PFO1/PEM1							
	W29	Herbaceous wetland	21	No	PEM1							
	W23	Vegetated Swale	21	No	PFO1/PEM1							
	W12	Scrub-shrub wetland adjacent to Kent's Creek	None	No	PSS1							
	W30	Kent's Creek and narrow bordering emergent wetlands adjacent to upland forest	None	No	R4/PEM1							
	W36	Herbaceous wetland with narrow intermittent stream channel connected to W30	None	No	R4/PEM1							
Totals						38,034.4	11,603.3	13,816.3	50 ln. ft.	14,781		

Notes:
¹ See Wetland Delineation Report and data sheets for detailed wetland types and description of hydrology, soils, and vegetation
PFO1 – Palustrine forested wetland, broad-leaved deciduous
PEM1 – Palustrine emergent wetland, persistent
PSS2 – Palustrine scrub-shrub wetland, broad-leaved deciduous
PUBH – Palustrine unconsolidated bottom, permanently flooded
R3 – Riverine, upper perennial
R4 – Riverine, intermittent

¹ Corps Routine Method Data sheets and JD forms were completed for wetlands affected by the proposed project.

² The design layout process (i.e. alternative analysis) involved establishing 250' wide study corridors to identify wetland and stream resources. Project effects (i.e. impact areas") were calculated based on the width of the necessary corresponding turbine sites and infrastructure components and dimensions: temporary work areas surrounding turbines at a 150 foot radius cleared and leveled with access to turbines consisting of permanent roads at 17 feet at wetland crossings; temporary roads at 39 feet wide to accommodate large crane access; underground cable trench construction at 4 foot wide trench with 25 foot disturbance zone.

³ The streams and intermittent streams were field observed and characterized according to definitions enumerated the NY Environmental Conservation Law codePart 810 §810.2 (j) and (k). All streams and intermittent streams are classified as "C". None of the streams or intermittent streams are "protected streams" under Part 608 of the NY Conservation Conservation Law code.

⁴ Temporary impact area for wetland W41 includes impacts associated with work pad

**Table 5-2
St. Lawrence Wind Farm Wetland Delineation Transmission Corridor**

Transmission	8x11 Sheet	Wetland Type	Location	NYS DEC	Cowardin	JD Mapped	JD Form
OT1	13	Deciduous forested wetland, hydrologic ally connected to NYSDEC Wetland CV-1	Along railroad bed	Yes	PFO1	X	
OT2	8 and 13	Deciduous forested wetland, hydrologic ally connected to NYSDEC Wetland B-1	Along railroad bed	Yes	PFO1	-	OT2-T
OT3		Scrub-shrub swamp	Along railroad bed and Kent's Creek	No	PSS1	X	
OT4		Scrub-shrub/herbaceous wetland	Along railroad bed and Kent's Creek	No	PEM1/PSS1	X	
OT5		Deciduous forested wetland	Along railroad bed and Kent's Creek	No	PFO1	X	
OT6		Deciduous forested wetland	Along railroad bed and Kent's Creek	No	PFO1	X	
OT7		Scrub-shrub swamp	Along railroad bed northwest of McWayne Road	No	PSS1	X	
OT8		Scrub-shrub swamp	Along railroad bed northwest of McWayne Road	No	PSS1	X	
OT9		Deciduous forested wetland, hydrologic ally connected to NYSDEC Wetland U-4	Along railroad bed	No	PFO1	X	
OT10		Deciduous forested wetland, hydrologically connected to NYSDEC Wetland U-5	Along railroad bed	No	PFO1	X	
OT11		Pond with little to no wetland vegetation	Railroad bed	No	PUBH	X	
OT12		Pond and overflow populated with emergent vegetation	Golf course	No	PUBH/PEM1	X	
OT13		Three-mile Creek, a perennial waterway, and associated emergent wetland along the banks	Intersection of railroad bed and Three-mile Creek	No	R3/PEM1	X	
OT14		Unnamed perennial stream (same as OT15) and adjacent scrub-shrub wetland	½ mile southeast of Gibson Road	No	R3/PSS1	X	

**Table 5-2
St. Lawrence Wind Farm Wetland Delineation Transmission Corridor**

Transmission	8x11 Sheet	Wetland Type	Location	NYS DEC	Cowardin	JD Mapped	JD Form
OT15		Unnamed perennial stream (same as OT14) and adjacent scrub-shrub wetland	½ mile southeast of Gibson Road	No	R3/PSS1	X	
OT16		Intermittent stream (same as OT17) and adjacent scrub-shrub wetland	700 feet northwest of County Route 8	No	R4/PSS1	X	
OT17		Intermittent stream (same as OT16) and adjacent scrub-shrub wetland	700 feet northwest of County Route 8	No	R4/PSS1	X	
OT18		Chaumont River and banks comprised of emergent wetland	Upstream of NY State Hwy 12E	Yes	R3/PSS1	X	
OT19		Emergent wetland	Along railroad bed	No	PEM1	X	
OT20	13	Deciduous forested wetland	Along railroad bed	Yes	PFO1	X	
Substation Site, Proposed O&M Site, and Temporary Laydown Areas	No wetland observed						

Notes:

PFO1 – Palustrine forested wetland, broad-leaved deciduous

PEM1 – Palustrine emergent wetland, persistent

PSS2 – Palustrine scrub-shrub wetland, broad-leaved deciduous

PUBH – Palustrine unconsolidated bottom, permanently flooded

R3 – Riverine, upper perennial

R4 – Riverine, intermittent

¹ Corps Routine Method Data sheets and JD forms were completed for wetlands affected by the proposed project.

² Impact areas (square feet) were calculated based on the width of infrastructure component, i.e., road or underground cable trench; 50 foot wide road; 12-foot wide cable trench