

TRANSCANADA HYDRO NORTHEAST INC.

**ILP Study 27
Floodplain, Wetland, Riparian, and Littoral
Vegetation Habitats Study**

Supplement to Final Study Report

In support of Federal Energy Regulatory Commission Relicensing of:

Wilder Hydroelectric Project (FERC Project No. 1892-026)
Bellows Falls Hydroelectric Project (FERC Project No. 1855-045)
Vernon Hydroelectric Project (FERC Project No. 1904-073)

Prepared for

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This supplement to the Study 27 Final Study Report makes minor corrections to the Final Study Report that was filed August 1, 2016.

Report Errata and Corrections:

- Table 5.1-2 contained some rounding errors and some incorrect total values for wetlands cover type. The revised Table 5.1-2 with changes highlighted is provided below.

Table 5.1-2. Acreages of cover types within the 200-foot study area.

Cover Code	Cover type	Wilder	Wilder Riverine	Bellows Falls	Bellows Falls Riverine	Vernon ^a	Total Acres	% of Terrestrial Study Area
Upland								
H	Hardwood	486.3	379.2	469.8	59.1	812.1	2206.4	24.1%
H/S	Hardwood/softwood	364.3	134.9	193.9	5.7	235.3	934.2	10.2%
S	Softwood	328.2	61.7	69.1	1.2	48.1	508.2	5.6%
SHR	Shrub	126.6	12.2	84.3	6.6	40.9	270.6	3.0%
H/SHR	Hardwood/shrub	3.1	5.2	0.4	0.6	6.1	15.3	0.2%
SHR/G	Shrub/grassland	0	0	0	0	0	0	0.0%
OLD FIELD	Old field	21.2	3.5	15.3	0	2.9	42.9	0.5%
GRASS	Maintained grassland	62.0	19.9	43.5	1.2	34.2	160.8	1.8%
CROP	Crop	597.3	146.2	188.9	17.6	215.9	1166.0	12.7%
PASTURE	Pasture/hayfield	307.8	15.3	74.6		53.4	451.2	4.9%
Total		2296.8	778.1	1139.8	92.0	1448.9	5755.6	62.9%
Wetland								
PFO1	Deciduous forested	141.3	7.7	142.2		124.1	415.3	4.5%
PFO4	Coniferous forested	0.7	0	0	0	0	0.7	< 0.1%
PFO1/4	Mixed forested	5.3	0	0.4	0	3.6	9.3	0.1%
PFO1/PSS	Deciduous forested/shrub	1.7	0	26.8	0	7.6	36.0	0.4%
PFO1/PEM	Deciduous forested/emergent	0	0	1.0	0	0.7	1.7	< 0.1%
PSS	Scrub-shrub	48.3	1.8	35.3	0	33.9	119.3	1.3%
PSS/PEM	Scrub-shrub/emergent	25.6	0.6	16.1	0	7.9	50.3	0.6%
PEM	Emergent	133.1	4.7	241.0	0	108.2	486.9	5.3%
PEM5	Phragmites	7.3	0	4.7	0	22.8	34.8	0.4%
PERENN	Perennial stream	7.1	1.9	4.6	0.7	10.9	25.2	0.3%
INTERMIT	Intermittent stream	1.2	0.4	1.9	0	2.1	5.6	0.1%
PUB	Pond	11.6	0	3.7	0	7.1	22.4	0.3%
PVP	Possible vernal pool	0.5	0.3	1.3	0	1.5	3.6	< 0.1%

Cover Code	Cover type	Wilder	Wilder Riverine	Bellows Falls	Bellows Falls Riverine	Vernon ^a	Total Acres	% of Terrestrial Study Area
PAB/RAB	Submerged aquatic vegetation	318.0	0	258.3	0	326.9	903.2	9.9%
Total		701.7	17.4	737.3	0.7	657.3	2114.3	23.1%
Developed								
Comm	Commercial	47.5	47.4	31.3	24.1	73.4	223.7	2.4%
Res	Residential	135.5	36.6	108.9	1.0	81.7	363.6	4.0%
Sub	Suburban	0	0	9.3	0	19.2	28.5	0.3%
Mineral/dams	Dams	1.4	25.8	3.4	0	2.1	32.8	0.36%
Infra	Infrastructure	154.6	70.9	89.6	17.0	129.1	461.3	5.04%
Total		339.0	180.7	242.5	42.1	305.5	1109.9	12.1%
Riverine Features								
Ledge	Bedrock ledge	0.2	4.1	0.5	20.1	2.1	26.9	0.29%
Rocky	Rocks and boulders	0.4	3.1	0.2	0	1.9	5.6	0.06%
Gravel	Gravel	0.3	19.0	1.9	6.8	3.5	31.6	0.34%
Sand-mud	Sand-mud	0.9	27.3	2.7	0	10.3	41.1	0.45%
Riverbank	Riverbank	9.2	4.5	18.9	0	5.7	38.3	0.42%
Eroding bank	Eroding bank	20.9	0	7.2	0	1.4	29.5	0.32%
Riprap	Riprap	0.3	0.2	0	0	0.3	0.9	0.01%
Total		32.2	58.2	31.4	26.9	25.2	173.9	1.9%
Grand Total		3369.4	1034.5	2150.9	161.8	2437.0	9153.6	100.0%
% of Total		36.8%	11.3%	23.5%	1.8%	26.6%	100.0%	