

TDI-NE - New England Clean Power Link Project (NECPL)  
 Discharge Area / Soil Summary Table  
 Prepared by TRC  
 March 26, 2015

Major Watershed	Project Component	Area of Disturbance (acres)	Subtotal (acres)	Natural Resources Conservation Service (NRCS) Soil Type	Map Unit Symbol (MUSYM)	NRCS Whole Soil K-factor	NRCS Soil Slope (%) <sup>1</sup>
Black River	Ludlow Converter Station	8.49	44.31	Tunbridge-Lyman complex, 8 to 15 percent slopes, very rocky	12C	0.37*	12
		1.02		Tunbridge-Lyman complex, 15 to 35 percent slopes, very rocky	12D	0.37*	25
	0.05	Runney fine sandy loam, 0 to 3 percent slopes, frequently flooded		33	0.2	1	
	0.00	Lyme fine sandy loam, 2 to 8 percent slopes, very stony		122B	0.24	5	
	0.53	Lyme fine sandy loam, 2 to 8 percent slopes, very stony		122B	0.24	5	
	0.06	Sheepscot fine sandy loam, 2 to 8 percent slopes		123B	0.24	5	
	1.72	Tunbridge-Lyman complex, 8 to 15 percent slopes, very rocky		12C	0.37*	12	
	0.13	Tunbridge-Berkshire complex, 15 to 35 percent slopes, rocky		130D	0.1	25	
	0.23	Tunbridge-Berkshire complex, 15 to 35 percent slopes, rocky		130D	0.1	25	
	0.60	Tunbridge-Berkshire complex, 35 to 60 percent slopes, rocky		130E	0.1	48	
	0.11	Lyman-Tunbridge-Rock outcrop complex, 35 to 60 percent slopes		131E	0.37*	44	
	0.56	Peru, Skerry, and Colonel soils, 3 to 8 percent slopes		17B	0.24	5	
	0.61	Peru, Skerry, and Colonel soils, 3 to 8 percent slopes		17B	0.24	5	
	0.11	Peru, Skerry, and Colonel soils, 3 to 8 percent slopes		17B	0.24	5	
	0.06	Peru, Skerry, and Colonel soils, 8 to 15 percent slopes		17C	0.24	11	
	0.13	Peru, Skerry, and Colonel soils, 8 to 15 percent slopes		17C	0.24	11	
	0.39	Peru, Skerry, and Colonel soils, 8 to 15 percent slopes		17C	0.24	11	
	1.72	Peru, Skerry, and Colonel soils, 3 to 8 percent slopes, very stony		18B	0.37*	5	
	1.33	Peru, Skerry, and Colonel soils, 15 to 35 percent slopes, very stony		18D	0.37*	25	
	0.48	Marlow fine sandy loam, 3 to 8 percent slopes		1B	0.24	5	
	0.00	Marlow fine sandy loam, 3 to 8 percent slopes		1B	0.24	5	
	0.13	Marlow fine sandy loam, 8 to 15 percent slopes		1C	0.24	11	
	0.15	Marlow fine sandy loam, 8 to 15 percent slopes		1C	0.24	11	
	0.89	Marlow fine sandy loam, 8 to 15 percent slopes		1C	0.24	11	
	0.03	Marlow fine sandy loam, 8 to 15 percent slopes, very stony		2C	0.24	11	
	0.22	Cabot silt loam, 0 to 8 percent slopes		30B	0.43	4	
	0.39	Cabot silt loam, 0 to 8 percent slopes, very stony		31B	0.37*	5	
	0.15	Cabot silt loam, 0 to 8 percent slopes, very stony		31B	0.37*	5	
	0.88	Peru gravelly fine sandy loam, 3 to 8 percent slopes, very stony		4B	0.17	5	
	0.01	Tunbridge-Lyman complex, 3 to 8 percent slopes, rocky		54B	0.37*	5	
	0.11	Tunbridge-Lyman complex, 3 to 8 percent slopes, rocky		54B	0.37*	5	
	0.16	Tunbridge-Lyman complex, 8 to 15 percent slopes, rocky		54C	0.37*	12	
	0.57	Tunbridge-Lyman complex, 8 to 15 percent slopes, rocky		54C	0.37*	12	
	0.56	Tunbridge-Lyman complex, 8 to 15 percent slopes, rocky		54C	0.37*	12	
	1.12	Colton-Duxbury complex, 8 to 15 percent slopes, very stony		56C	0.05	11	
	0.78	Colton-Duxbury complex, 25 to 50 percent slopes, very stony		56E	0.05	37	
	0.61	Duxbury-Colton complex, 2 to 8 percent slopes		57B	0.24	5	
	0.58	Duxbury-Colton complex, 2 to 8 percent slopes		57B	0.24	5	
	0.57	Colton-Duxbury complex, 8 to 15 percent slopes		58C	0.05	11	
	0.26	Berkshire-Tunbridge complex, 8 to 15 percent slopes, very stony		58C	0.37*	11	
	0.67	Berkshire-Tunbridge complex, 15 to 35 percent slopes, very stony		58D	0.37*	25	
	0.22	Berkshire-Tunbridge complex, 15 to 35 percent slopes, very stony		58D	0.37*	25	
	0.57	Berkshire-Tunbridge complex, 15 to 35 percent slopes, very stony		58D	0.37*	25	
	0.35	Berkshire-Tunbridge complex, 35 to 50 percent slopes, very stony		58E	0.37*	41	
	0.10	Berkshire and Monadnock fine sandy loams, 8 to 15 percent slopes, very stony		63C	0.37*	11	
	0.08	Berkshire and Monadnock fine sandy loams, 15 to 35 percent slopes, very stony		63D	0.37*	25	
	0.58	Berkshire and Monadnock fine sandy loams, 35 to 60 percent slopes, very stony		63E	0.37*	46	
1.27	Berkshire and Monadnock fine sandy loams, 35 to 60 percent slopes, very stony	63E	0.37*	46			
0.83	Colton fine sandy loam, 3 to 8 percent slopes	64B	0.17	5			
3.23	Colton fine sandy loam, 3 to 8 percent slopes	64B	0.17	5			
0.67	Colton fine sandy loam, 8 to 15 percent slopes	64C	0.17	11			
2.26	Colton fine sandy loam, 8 to 15 percent slopes	64C	0.17	11			

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Black River con't	Transmission Line	0.47	Refer to page 1.	Colton fine sandy loam, 15 to 25 percent slopes	64D	0.17	19
		0.44		Colton fine sandy loam, 15 to 25 percent slopes	64D	0.17	19
		1.13		Colton fine sandy loam, 15 to 25 percent slopes	64D	0.17	19
		0.52		Berkshire and Monadnock fine sandy loams, 3 to 8 percent slopes	68B	0.24	5
		0.12		Berkshire and Monadnock fine sandy loams, 8 to 15 percent slopes	68C	0.24	11
		1.24		Berkshire and Monadnock fine sandy loams, 15 to 25 percent slopes	68D	0.24	20
		0.66		Cabot silt loam, 0 to 8 percent slopes, very stony	6A	0.37*	5
		0.91		Croghan and Sheepscot fine sandy loams, 0 to 8 percent slopes	71B	0.24	5
		0.27		Croghan and Sheepscot fine sandy loams, 0 to 8 percent slopes	71B	0.24	5
		0.95		Croghan and Sheepscot fine sandy loams, 0 to 8 percent slopes	71B	0.24	5
		0.25		Croghan and Sheepscot fine sandy loams, 0 to 8 percent slopes	71B	0.24	5
		0.02		Water	W	NA	0
		Lake Champlain Direct Main Lake		Transmission Line	0.95	4.64	Ameria silt loam, 0 to 3 percent slopes
1.67	Kendaia silt loam, 0 to 3 percent slopes		KbA		0.32		1
1.25	Kendaia silt loam, 3 to 8 percent slopes		KbB		0.32		5
0.77	Not Mapped by USDA NRCS <sup>2</sup>		Not Mapped by USDA NRCS		0.37*		0
Lake Champlain Direct South End	Transmission Line	0.05	6.53	Livingston silty clay loam, frequently flooded	111	0.49	1
		0.07		Bomoseen and Pittstown soils, 2 to 8 percent slopes	148B	0.43	5
		0.23		Belgrade silt loam, 3 to 8 percent slopes	25B	0.43	5
		0.09		Belgrade silt loam, 3 to 8 percent slopes	25B	0.43	5
		0.74		Galway-Nellis-Farmington complex, 3 to 8 percent slopes	39B	0.37	5
		0.77		Farmington-Galway-Galoo complex, 5 to 25 percent slopes, very rocky	41C	0.37	15
		0.65		Farmington-Galway-Galoo complex, 5 to 25 percent slopes, very rocky	41C	0.37	15
		0.30		Farmington-Galway-Galoo complex, 5 to 25 percent slopes, very rocky	41C	0.37	15
		0.69		Macomber-Taconic complex, 8 to 15 percent slopes, rocky	42C	0.17	11
		0.70		Taconic-Macomber complex, 8 to 25 percent slopes, very rocky	43C	0.15	16
		0.73		Kingsbury silty clay loam, 3 to 8 percent slopes	80B	0.49	5
		0.38		Vergennes clay, 3 to 8 percent slopes	82B	0.49	5
		0.21		Vergennes clay, 8 to 15 percent slopes	82C	0.49	10
		0.34		Vergennes clay, 8 to 15 percent slopes	82C	0.49	10
		0.40		Vergennes clay, 8 to 15 percent slopes	82C	0.49	10
		0.09		Vergennes clay, 25 to 50 percent slopes	82E	0.49	33
		0.09		Vergennes clay, 15 to 25 percent slopes	82D	0.49	18
Otter Creek	Transmission Line	0.09	98.96	Rippowam fine sandy loam	21	0.24	1
		0.19		Saco mucky silt loam	22	0.43	1
		0.19		Adrian muck	23	0.37*	1
		1.08		Pinnebog muck	24	0.37*	1
		0.07		Udifluvents and Fluvaquents, nearly level	28	0.37*	1
		0.08		Udifluvents and Fluvaquents, nearly level	28	0.37*	1
		0.14		Udifluvents and Fluvaquents, nearly level	28	0.37*	1
		0.19		Enosburg loamy fine sand	62	0.24	1
		0.39		Linwood muck	86	0.37*	1
		0.75		Linwood muck	86	0.37*	1
		0.07		Udipsamments, nearly level	96	0.05	0
		0.44		Middlebury loam	106	0.32	1
		1.01		Canandaigua silt loam	163	0.37	1
		0.56		Canandaigua silt loam	163	0.37	1
		0.26		Wappinger silt loam	175	0.37	1
		0.47		Pawling silt loam	177	0.37	1
		1.31		Adams loamy fine sand, 8 to 15 percent slopes	118C	0.2	11
		0.36		Lyme fine sandy loam, 2 to 8 percent slopes, very stony	122B	0.24	5
		0.32		Lyme fine sandy loam, 2 to 8 percent slopes, very stony	122B	0.24	5
		0.53		Lyme fine sandy loam, 2 to 8 percent slopes, very stony	122B	0.24	5
		0.61		Lyme fine sandy loam, 8 to 15 percent slopes, very stony	122C	0.24	11
		0.12		Sheepscot fine sandy loam, 2 to 8 percent slopes	123B	0.24	5
		1.58		Sheepscot fine sandy loam, 2 to 8 percent slopes	123B	0.24	5
		0.01		Sheepscot fine sandy loam, 2 to 8 percent slopes	123B	0.24	5

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Otter Creek con't	Transmission Line	0.36	Refer to page 2.	Sunapee fine sandy loam, 8 to 15 percent slopes, very stony	124C	0.2	11
		1.18		Sunapee fine sandy loam, 8 to 15 percent slopes, very stony	124C	0.2	11
		0.32		Sunapee fine sandy loam, 15 to 35 percent slopes, very stony	124D	0.2	24
		0.28		Sunapee fine sandy loam, 15 to 35 percent slopes, very stony	124D	0.2	24
		2.18		Sunapee fine sandy loam, 35 to 50 percent slopes, very stony	124E	0.2	40
		1.19		Berkshire gravelly fine sandy loam, 15 to 35 percent slopes, very stony	125D	0.15	25
		0.49		Berkshire gravelly fine sandy loam, 15 to 35 percent slopes, very stony	125D	0.15	25
		0.87		Tunbridge-Berkshire complex, 15 to 35 percent slopes, rocky	130D	0.1	25
		0.54		Tunbridge-Berkshire complex, 15 to 35 percent slopes, rocky	130D	0.1	25
		0.02		Tunbridge-Berkshire complex, 35 to 60 percent slopes, rocky	130E	0.1	48
		0.27		Lyman-Tunbridge-Rock outcrop complex, 35 to 60 percent slopes	131E	0.37*	44
		2.97		Berkshire gravelly fine sandy loam, 8 to 15 percent slopes	138C	0.17	11
		0.71		Hinckley gravelly loamy fine sand, 0 to 8 percent slopes	13B	0.1	5
		1.15		Hinckley gravelly loamy fine sand, 0 to 8 percent slopes	13B	0.1	5
		0.47		Hinckley gravelly loamy fine sand, 0 to 8 percent slopes	13B	0.1	5
		0.00		Hinckley gravelly loamy fine sand, 0 to 8 percent slopes	13B	0.1	5
		0.18		Hinckley gravelly loamy fine sand, 0 to 8 percent slopes	13B	0.1	5
		1.84		Hinckley gravelly loamy fine sand, 25 to 40 percent slopes	13F	0.1	32
		0.23		Hinckley gravelly loamy fine sand, 25 to 40 percent slopes	13E	0.1	32
		0.09		Sudbury fine sandy loam, 3 to 8 percent slopes	14B	0.24	5
		2.32		Sudbury fine sandy loam, 3 to 8 percent slopes	14B	0.24	5
		0.02		Sudbury fine sandy loam, 3 to 8 percent slopes	14B	0.24	5
		0.54		Peacham muck, 0 to 8 percent slopes	150A	0.37*	4
		0.14		Peacham muck, 0 to 8 percent slopes	150A	0.37*	4
		0.21		Peacham muck, 0 to 8 percent slopes	150A	0.37*	4
		1.17		Windsor loamy sand, 3 to 8 percent slopes	18B	0.37*	3
		0.93		Windsor loamy sand, 15 to 25 percent slopes	18D	0.37*	20
		0.98		Marlow fine sandy loam, 3 to 8 percent slopes	1B	0.24	5
		0.34		Marlow fine sandy loam, 3 to 8 percent slopes	1B	0.24	5
		0.40		Belgrade silt loam, 0 to 3 percent slopes	25A	0.43	1
		0.54		Belgrade silt loam, 3 to 8 percent slopes	25B	0.43	5
		1.28		Belgrade silt loam, 3 to 8 percent slopes	25B	0.43	5
		1.09		Belgrade silt loam, 3 to 8 percent slopes	25B	0.43	5
		0.20		Belgrade silt loam, 3 to 8 percent slopes	25B	0.43	5
		0.34		Belgrade silt loam, 3 to 8 percent slopes	25B	0.43	5
		0.18		Raynham silt loam, 0 to 4 percent slopes	26A	0.37	2
		0.25		Marlow fine sandy loam, 8 to 15 percent slopes, very stony	2C	0.24	11
		0.35		Marlow fine sandy loam, 15 to 35 percent slopes, very stony	2D	0.24	25
		1.02		Paxton fine sandy loam, 2 to 8 percent slopes	30B	0.24	5
		0.37		Paxton fine sandy loam, 2 to 8 percent slopes	30B	0.24	5
		1.40		Paxton fine sandy loam, 2 to 8 percent slopes	30B	0.24	5
		4.09		Paxton fine sandy loam, 2 to 8 percent slopes	30B	0.24	5
		0.38		Paxton fine sandy loam, 2 to 8 percent slopes	30B	0.24	5
		1.51		Paxton fine sandy loam, 2 to 8 percent slopes	30B	0.24	5
		0.72		Paxton fine sandy loam, 2 to 8 percent slopes	30B	0.24	5
		1.88		Paxton fine sandy loam, 2 to 8 percent slopes	30B	0.24	5
		0.29		Paxton fine sandy loam, 8 to 15 percent slopes	30C	0.24	11
		0.24		Paxton fine sandy loam, 8 to 15 percent slopes	30C	0.24	11
		0.04		Paxton fine sandy loam, 8 to 15 percent slopes	30C	0.24	11
		1.51		Paxton fine sandy loam, 8 to 15 percent slopes	30C	0.24	11
0.65	Paxton fine sandy loam, 8 to 15 percent slopes	30C	0.24	11			
0.18	Paxton fine sandy loam, 8 to 15 percent slopes	30C	0.24	11			
1.78	Paxton fine sandy loam, 8 to 15 percent slopes	30C	0.24	11			
1.29	Paxton fine sandy loam, 8 to 15 percent slopes	30C	0.24	11			
0.44	Paxton fine sandy loam, 8 to 15 percent slopes	30C	0.24	11			
1.82	Paxton fine sandy loam, 8 to 15 percent slopes	30C	0.24	11			
0.12	Paxton fine sandy loam, 8 to 15 percent slopes	30C	0.24	11			
0.43	Paxton fine sandy loam, 15 to 25 percent slopes	30D	0.24	20			

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Otter Creek con't	Transmission Line	0.91	Refer to page 2.	Paxton fine sandy loam, 2 to 8 percent slopes, very stony	31B	0.24	5
		1.12		Paxton fine sandy loam, 2 to 8 percent slopes, very stony	31B	0.24	5
		0.47		Paxton fine sandy loam, 8 to 15 percent slopes, very stony	31C	0.24	11
		3.99		Paxton fine sandy loam, 8 to 15 percent slopes, very stony	31C	0.24	11
		1.64		Paxton fine sandy loam, 8 to 15 percent slopes, very stony	31C	0.24	11
		0.23		Paxton fine sandy loam, 8 to 15 percent slopes, very stony	31C	0.24	11
		0.97		Paxton fine sandy loam, 8 to 15 percent slopes, very stony	31C	0.24	11
		0.16		Paxton fine sandy loam, 15 to 25 percent slopes, very stony	31D	0.24	20
		0.19		Paxton fine sandy loam, 25 to 35 percent slopes, very stony	31E	0.24	30
		0.23		Paxton fine sandy loam, 25 to 35 percent slopes, very stony	31E	0.24	30
		0.55		Paxton fine sandy loam, 25 to 35 percent slopes, very stony	31E	0.24	30
		1.32		Peru gravelly fine sandy loam, 8 to 15 percent slopes	3C	0.17	11
		0.91		Taconic-Macomber complex, 8 to 25 percent slopes, very rocky	43C	0.15	16
		0.43		Peru gravelly fine sandy loam, 3 to 8 percent slopes, very stony	4B	0.17	5
		0.17		Peru gravelly fine sandy loam, 3 to 8 percent slopes, very stony	4B	0.17	5
		1.13		Peru gravelly fine sandy loam, 8 to 15 percent slopes, very stony	4C	0.17	11
		0.01		Peru gravelly fine sandy loam, 8 to 15 percent slopes, very stony	4C	0.17	11
		1.60		Peru gravelly fine sandy loam, 8 to 15 percent slopes, very stony	4C	0.17	11
		0.76		Peru gravelly fine sandy loam, 8 to 15 percent slopes, very stony	4C	0.17	11
		0.30		Peru gravelly fine sandy loam, 15 to 25 percent slopes, very stony	4D	0.17	20
		0.12		Peru gravelly fine sandy loam, 15 to 25 percent slopes, very stony	4D	0.17	20
		0.53		Peru gravelly fine sandy loam, 15 to 25 percent slopes, very stony	4D	0.17	20
		0.72		Colton-Duxbury complex, 2 to 8 percent slopes, very stony	56B	0.05	5
		0.40		Colton-Duxbury complex, 8 to 15 percent slopes, very stony	56C	0.05	11
		0.08		Duxbury-Colton complex, 2 to 8 percent slopes	57B	0.24	5
		0.38		Colton-Duxbury complex, 8 to 15 percent slopes	58C	0.05	11
		1.49		Colton-Duxbury complex, 8 to 15 percent slopes	58C	0.05	11
		0.01		Deerfield loamy sand, 0 to 4 percent slopes	59A	0.15	2
		0.60		Deerfield loamy sand, 0 to 4 percent slopes	59A	0.15	2
		0.16		Deerfield loamy sand, 0 to 4 percent slopes	59A	0.15	2
		0.71		Deerfield loamy sand, 0 to 4 percent slopes	59A	0.15	2
		0.89		Eldridge fine sandy loam, 0 to 3 percent slopes	61A	0.28	1
		0.64		Stockbridge gravelly silt loam, 8 to 15 percent slopes	64C	0.17	11
		0.65		Georgia and Amenia soils, 3 to 8 percent slopes	66B	0.28	5
		0.01		Georgia and Amenia soils, 3 to 8 percent slopes	66B	0.28	5
		1.04		Georgia and Amenia soils, 3 to 8 percent slopes	66B	0.28	5
		1.39		Georgia and Amenia soils, 3 to 8 percent slopes	66B	0.28	5
		0.50		Georgia and Amenia soils, 3 to 8 percent slopes, very stony	67B	0.28	5
		2.32		Georgia and Amenia soils, 3 to 8 percent slopes, very stony	67B	0.28	5
		0.44		Georgia and Amenia soils, 3 to 8 percent slopes, very stony	67B	0.28	5
		2.32		Georgia and Amenia soils, 3 to 8 percent slopes, very stony	67B	0.28	5
		0.25		Georgia and Amenia soils, 3 to 8 percent slopes, very stony	67B	0.28	5
		0.03		Georgia and Amenia soils, 8 to 15 percent slopes, very stony	67C	0.28	11
		1.23		Georgia and Amenia soils, 8 to 15 percent slopes, very stony	67C	0.28	11
		1.22		Georgia and Amenia soils, 8 to 15 percent slopes, very stony	67C	0.28	11
		1.16		Massena silt loam, 0 to 8 percent slopes, very stony	68A	0.32	5
		0.16		Massena silt loam, 0 to 8 percent slopes, very stony	68A	0.32	5
		0.33		Cabot silt loam, 0 to 8 percent slopes, very stony	6A	0.37*	5
		0.69		Castile gravelly fine sandy loam, 0 to 3 percent slopes	71A	0.1	1
		0.27		Brayton loam, 8 to 15 percent slopes, very stony	7C	0.37	11
0.97	Hartland silt loam, 3 to 8 percent slopes	90B	0.43	5			
2.03	Hartland silt loam, 15 to 25 percent slopes	90D	0.43	20			
0.13	Hartland silt loam, 15 to 25 percent slopes	90D	0.43	20			
0.15	Warwick-Quonset complex, 3 to 8 percent slopes	97B	0.15	5			
0.31	Warwick-Quonset complex, 3 to 8 percent slopes	97B	0.15	5			

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Poultney River	Transmission Line	0.01	131.49	Pits-Dumps complex	9	0.37*	0
		0.01		Pits-Dumps complex	9	0.37*	0
		0.14		Pits-Dumps complex	9	0.37*	0
		0.54		Saco mucky silt loam	22	0.43	1
		0.01		Pinnebog muck	24	0.37*	1
		0.40		Scarboro muck, 0 to 3 percent slopes	73	0.37*	1
		0.01		Livingston silty clay loam	81	0.49	1
		0.03		Livingston silty clay loam	81	0.49	1
		0.51		Livingston silty clay loam	81	0.49	1
		0.02		Linwood muck	86	0.37*	1
		1.29		Udorthents loamy	95	0.1	0
		3.06		Udorthents loamy	95	0.1	0
		0.50		Udorthents loamy	95	0.1	0
		0.38		Limerick silt loam	110	0.43	1
		0.31		Canandaigua silt loam	163	0.37	1
		0.32		Taconic-Hubbardton complex, 8 to 25 percent slopes, very rocky	11C	0.15	16
		0.29		Taconic-Hubbardton complex, 8 to 25 percent slopes, very rocky	11C	0.15	16
		0.02		Taconic-Hubbardton complex, 8 to 25 percent slopes, very rocky	11C	0.15	16
		0.37		Taconic-Hubbardton complex, 8 to 25 percent slopes, very rocky	11C	0.15	16
		1.10		Taconic-Hubbardton complex, 8 to 25 percent slopes, very rocky	11C	0.15	16
		0.02		Taconic-Hubbardton complex, 8 to 25 percent slopes, very rocky	11C	0.15	16
		1.01		Taconic-Hubbardton complex, 8 to 25 percent slopes, very rocky	11C	0.15	16
		0.21		Taconic-Hubbardton complex, 8 to 25 percent slopes, very rocky	11C	0.15	16
		0.03		Taconic-Hubbardton complex, 8 to 25 percent slopes, very rocky	11C	0.15	16
		0.49		Taconic-Hubbardton complex, 8 to 25 percent slopes, very rocky	11C	0.15	16
		0.15		Taconic-Hubbardton complex, 8 to 25 percent slopes, very rocky	11C	0.15	16
		0.00		Taconic-Hubbardton complex, 8 to 25 percent slopes, very rocky	11C	0.15	16
		0.00		Taconic-Hubbardton complex, 8 to 25 percent slopes, very rocky	11C	0.15	16
		0.00		Taconic-Hubbardton complex, 8 to 25 percent slopes, very rocky	11C	0.15	16
		0.37		Taconic-Hubbardton complex, 8 to 25 percent slopes, very rocky	11C	0.15	16
		0.25		Taconic-Hubbardton-Macomber complex, 25 to 80 percent slopes, very rocky	12F	0.15	53
		0.01		Taconic-Hubbardton-Macomber complex, 25 to 80 percent slopes, very rocky	12F	0.15	53
		0.48		Taconic-Hubbardton-Macomber complex, 25 to 80 percent slopes, very rocky	12F	0.15	53
		0.38		Taconic-Hubbardton-Macomber complex, 25 to 80 percent slopes, very rocky	12F	0.15	53
		0.85		Taconic-Hubbardton-Macomber complex, 25 to 80 percent slopes, very rocky	12F	0.15	53
		0.97		Taconic-Hubbardton-Macomber complex, 25 to 80 percent slopes, very rocky	12F	0.15	53
		1.03		Taconic-Hubbardton-Macomber complex, 25 to 80 percent slopes, very rocky	12F	0.15	53
		2.06		Taconic-Hubbardton-Macomber complex, 25 to 80 percent slopes, very rocky	12F	0.15	53
		0.03		Taconic-Hubbardton-Macomber complex, 25 to 80 percent slopes, very rocky	12F	0.15	53
		0.40		Taconic-Hubbardton-Macomber complex, 25 to 80 percent slopes, very rocky	12F	0.15	53
		0.17		Taconic-Hubbardton-Macomber complex, 25 to 80 percent slopes, very rocky	12F	0.15	53
		0.75		Taconic-Hubbardton-Macomber complex, 25 to 80 percent slopes, very rocky	12F	0.15	53
		0.17		Taconic-Hubbardton-Macomber complex, 25 to 80 percent slopes, very rocky	12F	0.15	53
		0.01		Taconic-Hubbardton-Macomber complex, 25 to 80 percent slopes, very rocky	12F	0.15	53
		0.20		Taconic-Hubbardton-Macomber complex, 25 to 80 percent slopes, very rocky	12F	0.15	53
		0.25		Taconic-Hubbardton-Macomber complex, 25 to 80 percent slopes, very rocky	12F	0.15	53
		0.02		Bomoseen and Pittstown soils, 2 to 8 percent slopes	148B	0.43	5
		0.11		Bomoseen and Pittstown soils, 2 to 8 percent slopes	148B	0.43	5
		0.02		Bomoseen and Pittstown soils, 2 to 8 percent slopes	148B	0.43	5
		0.39		Bomoseen and Pittstown soils, 8 to 15 percent slopes	148C	0.43	11
1.10	Bomoseen and Pittstown soils, 8 to 15 percent slopes	148C	0.43	11			
0.35	Bomoseen and Pittstown soils, 15 to 25 percent slopes	148D	0.43	19			
0.35	Bomoseen and Pittstown soils, 8 to 15 percent slopes, very stony	149C	0.43	11			
0.33	Bomoseen and Pittstown soils, 8 to 15 percent slopes, very stony	149C	0.43	11			
0.31	Elmridge sandy loam, 0 to 3 percent slopes	161A	0.2	1			
0.79	Windsor loamy sand, 3 to 8 percent slopes	18B	0.37*	3			
0.02	Windsor loamy sand, 3 to 8 percent slopes	18B	0.37*	3			
0.35	Windsor loamy sand, 3 to 8 percent slopes	18B	0.37*	3			

Major Watershed	Project Component	Area of Disturbance (acres)	Subtotal (acres)	Natural Resources Conservation Service (NRCS) Soil Type	Map Unit Symbol (MUSYM)	NRCS Whole Soil K-factor	NRCS Soil Slope (%) <sup>1</sup>
Poultney River con't	Transmission Line	0.33	Refer to page 5.	Windsor loamy sand, 3 to 8 percent slopes	18B	0.37*	3
		0.21		Windsor loamy sand, 8 to 15 percent slopes	18C	0.37*	10
		0.38		Windsor loamy sand, 15 to 25 percent slopes	18D	0.37*	20
		0.75		Belgrade silt loam, 3 to 8 percent slopes	25B	0.43	5
		1.19		Belgrade silt loam, 3 to 8 percent slopes	25B	0.43	5
		0.27		Belgrade silt loam, 3 to 8 percent slopes	25B	0.43	5
		1.44		Belgrade silt loam, 3 to 8 percent slopes	25B	0.43	5
		0.36		Raynham silt loam, 0 to 4 percent slopes	26A	0.37	2
		3.09		Galway-Nellis-Farmington complex, 15 to 25 percent slopes, rocky	40D	0.37	20
		0.51		Farmington-Galway-Galoo complex, 5 to 25 percent slopes, very rocky	41C	0.37	15
		0.10		Farmington-Galway-Galoo complex, 25 to 50 percent slopes, very rocky	41E	0.37	38
		0.06		Farmington-Galway-Galoo complex, 25 to 50 percent slopes, very rocky	41E	0.37	38
		0.52		Farmington-Galway-Galoo complex, 25 to 50 percent slopes, very rocky	41E	0.37	38
		0.06		Farmington-Galway-Galoo complex, 25 to 50 percent slopes, very rocky	41E	0.37	38
		0.83		Macomber-Taconic complex, 8 to 15 percent slopes, rocky	42C	0.17	11
		0.27		Macomber-Taconic complex, 8 to 15 percent slopes, rocky	42C	0.17	11
		1.05		Macomber-Taconic complex, 8 to 15 percent slopes, rocky	42C	0.17	11
		0.41		Macomber-Taconic complex, 8 to 15 percent slopes, rocky	42C	0.17	11
		0.36		Macomber-Taconic complex, 8 to 15 percent slopes, rocky	42C	0.17	11
		0.82		Macomber-Taconic complex, 8 to 15 percent slopes, rocky	42C	0.17	11
		0.00		Macomber-Taconic complex, 8 to 15 percent slopes, rocky	42C	0.17	11
		0.44		Macomber-Taconic complex, 8 to 15 percent slopes, rocky	42C	0.17	11
		0.14		Macomber-Taconic complex, 15 to 25 percent slopes, rocky	42D	0.17	20
		4.79		Macomber-Taconic complex, 15 to 25 percent slopes, rocky	42D	0.17	20
		0.23		Macomber-Taconic complex, 25 to 80 percent slopes, rocky	42F	0.17	51
		1.31		Macomber-Taconic complex, 25 to 80 percent slopes, rocky	42F	0.17	51
		0.00		Macomber-Taconic complex, 25 to 80 percent slopes, rocky	42F	0.17	51
		1.22		Taconic-Macomber complex, 8 to 25 percent slopes, very rocky	43C	0.15	16
		1.46		Taconic-Macomber complex, 8 to 25 percent slopes, very rocky	43C	0.15	16
		0.35		Taconic-Macomber complex, 8 to 25 percent slopes, very rocky	43C	0.15	16
		0.15		Taconic-Macomber complex, 8 to 25 percent slopes, very rocky	43C	0.15	16
		0.47		Taconic-Macomber complex, 8 to 25 percent slopes, very rocky	43C	0.15	16
		1.16		Taconic-Macomber complex, 8 to 25 percent slopes, very rocky	43C	0.15	16
		0.83		Taconic-Macomber complex, 8 to 25 percent slopes, very rocky	43C	0.15	16
		0.10		Taconic-Macomber complex, 8 to 25 percent slopes, very rocky	43C	0.15	16
		0.43		Taconic-Macomber complex, 8 to 25 percent slopes, very rocky	43C	0.15	16
		0.49		Taconic-Macomber complex, 8 to 25 percent slopes, very rocky	43C	0.15	16
		0.14		Taconic-Macomber complex, 8 to 25 percent slopes, very rocky	43C	0.15	16
		0.58		Taconic-Macomber complex, 8 to 25 percent slopes, very rocky	43C	0.15	16
		0.95		Taconic-Macomber complex, 8 to 25 percent slopes, very rocky	43C	0.15	16
		1.47		Taconic-Macomber complex, 8 to 25 percent slopes, very rocky	43C	0.15	16
		0.12		Dutchess silt loam, 8 to 15 percent slopes, very stony	47C	0.43	11
		0.03		Dutchess silt loam, 8 to 15 percent slopes, very stony	47C	0.43	11
		0.21		Dutchess silt loam, 15 to 25 percent slopes, very stony	47D	0.43	20
		1.58		Dutchess silt loam, 15 to 25 percent slopes, very stony	47D	0.43	20
		0.21		Dutchess silt loam, 25 to 60 percent slopes, very stony	47E	0.43	42
		0.39		Macomber-Dutchess complex, 3 to 8 percent slopes	52B	0.17	5
		0.31		Macomber-Dutchess complex, 3 to 8 percent slopes	52B	0.17	5
		3.73		Deerfield loamy sand, 0 to 4 percent slopes	59A	0.15	2
		0.78		Deerfield loamy sand, 0 to 4 percent slopes	59A	0.15	2
0.41	Deerfield loamy sand, 0 to 4 percent slopes	59A	0.15	2			
0.01	Deerfield loamy sand, 0 to 4 percent slopes	59A	0.15	2			
0.93	Deerfield loamy sand, 0 to 4 percent slopes	59A	0.15	2			
1.92	Eldridge fine sandy loam, 3 to 8 percent slopes	61B	0.28	5			
0.93	Eldridge fine sandy loam, 3 to 8 percent slopes	61B	0.28	5			
0.05	Georgia and Amenia soils, 3 to 8 percent slopes	66B	0.28	5			
0.21	Georgia and Amenia soils, 8 to 15 percent slopes	66C	0.28	11			
3.56	Kingsbury silty clay loam, 0 to 3 percent slopes	80A	0.49	1			

Major Watershed	Project Component	Area of Disturbance (acres)	Subtotal (acres)	Natural Resources Conservation Service (NRCS) Soil Type	Map Unit Symbol (MUSYM)	NRCS Whole Soil K-factor	NRCS Soil Slope (%) <sup>1</sup>
Poultney River con't	Transmission Line	0.40	Refer to page 5.	Kingsbury silty clay loam, 0 to 3 percent slopes	80A	0.49	1
		0.10		Kingsbury silty clay loam, 0 to 3 percent slopes	80A	0.49	1
		0.72		Kingsbury silty clay loam, 0 to 3 percent slopes	80A	0.49	1
		3.84		Kingsbury silty clay loam, 0 to 3 percent slopes	80A	0.49	1
		0.06		Kingsbury silty clay loam, 0 to 3 percent slopes	80A	0.49	1
		0.29		Kingsbury silty clay loam, 0 to 3 percent slopes	80A	0.49	1
		0.12		Kingsbury silty clay loam, 0 to 3 percent slopes	80A	0.49	1
		0.47		Kingsbury silty clay loam, 0 to 3 percent slopes	80A	0.49	1
		0.50		Kingsbury silty clay loam, 3 to 8 percent slopes	80B	0.49	5
		2.55		Kingsbury silty clay loam, 3 to 8 percent slopes	80B	0.49	5
		0.44		Kingsbury silty clay loam, 3 to 8 percent slopes	80B	0.49	5
		0.93		Kingsbury silty clay loam, 3 to 8 percent slopes	80B	0.49	5
		0.06		Kingsbury silty clay loam, 3 to 8 percent slopes	80B	0.49	5
		0.57		Kingsbury silty clay loam, 3 to 8 percent slopes	80B	0.49	5
		2.16		Kingsbury silty clay loam, 3 to 8 percent slopes	80B	0.49	5
		0.09		Kingsbury silty clay loam, 3 to 8 percent slopes	80B	0.49	5
		4.94		Vergennes clay, 3 to 8 percent slopes	82B	0.49	5
		0.23		Vergennes clay, 3 to 8 percent slopes	82B	0.49	5
		0.82		Vergennes clay, 3 to 8 percent slopes	82B	0.49	5
		0.30		Vergennes clay, 3 to 8 percent slopes	82B	0.49	5
		0.34		Vergennes clay, 3 to 8 percent slopes	82B	0.49	5
		0.18		Vergennes clay, 3 to 8 percent slopes	82B	0.49	5
		0.47		Vergennes clay, 3 to 8 percent slopes	82B	0.49	5
		0.97		Vergennes clay, 3 to 8 percent slopes	82B	0.49	5
		0.56		Vergennes clay, 3 to 8 percent slopes	82B	0.49	5
		1.29		Vergennes clay, 3 to 8 percent slopes	82B	0.49	5
		1.73		Vergennes clay, 3 to 8 percent slopes	82B	0.49	5
		0.37		Vergennes clay, 8 to 15 percent slopes	82C	0.49	10
		1.73		Vergennes clay, 8 to 15 percent slopes	82C	0.49	10
		0.08		Vergennes clay, 8 to 15 percent slopes	82C	0.49	10
		1.11		Vergennes clay, 8 to 15 percent slopes	82C	0.49	10
		0.50		Vergennes clay, 8 to 15 percent slopes	82C	0.49	10
		0.06		Vergennes clay, 8 to 15 percent slopes	82C	0.49	10
		0.18		Vergennes clay, 15 to 25 percent slopes	82D	0.49	18
		0.23		Vergennes clay, 15 to 25 percent slopes	82D	0.49	18
		0.24		Vergennes clay, 15 to 25 percent slopes	82D	0.49	18
		0.16		Vergennes clay, 25 to 50 percent slopes	82E	0.49	33
		0.07		Vergennes clay, 25 to 50 percent slopes	82E	0.49	33
		2.94		Warwick-Quonset complex, 3 to 8 percent slopes	97B	0.15	5
		2.89		Warwick-Quonset complex, 3 to 8 percent slopes	97B	0.15	5
11.32	Warwick-Quonset complex, 3 to 8 percent slopes	97B	0.15	5			
0.73	Warwick-Quonset complex, 3 to 8 percent slopes	97B	0.15	5			
0.73	Warwick-Quonset complex, 3 to 8 percent slopes	97B	0.15	5			
4.06	Warwick-Quonset complex, 8 to 15 percent slopes	97C	0.15	11			
8.04	Warwick-Quonset complex, 8 to 15 percent slopes	97C	0.15	11			
2.13	Warwick-Quonset complex, 15 to 25 percent slopes	97D	0.15	19			

\* Soils without K-values were assigned a value of 0.37 in accordance with the VT DEC guidance document: *Soil Erodibility Evaluation for General Permit 3-9020 Stormwater Runoff From Construction Activities*.

<sup>1</sup> Soil slope is the weighted average of soil components within a soil series, from the NRCS SSURGO (Soil Survey Geographic database).

<sup>2</sup> This area occurs on the causeway in Lake Champlain and since it is not mapped by the NRCS, it is assumed to be fill material. A soil K-value of 0.37 and slope of <5% have been assigned this area.

Major Watershed	Project Component	Area of Disturbance (acres)	Subtotal (acres)	Natural Resources Conservation Service (NRCS) Soil Type	Map Unit Symbol (MUSYM)	NRCS Whole Soil K-factor	NRCS Soil Slope (%) <sup>1</sup>
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K-factor Thresholds	Area of Disturbance (acres)
Low (K < 0.18)	116.05
Moderate (0.18 < K < 0.36)	74.47
High (K > 0.36)	95.41
<b>Total</b>	<b>285.93</b>

Slope Thresholds (%)	Area of Disturbance (acres)
Low (≤ 5%)	142.68
Moderate (5% < Slope ≤ 15%)	77.88
High (Slope > 15%)	65.37
<b>Total</b>	<b>285.93</b>