

Appendix 4.14-B

Vernal Pool Impacts

Table A-1 Southern Triangle Impacts to Vernal Pools

Wetland ID	Vernal Pool #	Town	Segment	Fill to VPH ¹	Direct Impacts	
					Loss of Buffer Habitat ²	Loss of Upland Habitat ³
FRF-19	PVP 2360	Berkley	Fall River	0.00	0.00	0.05
	PVP 8283	Freetown	Fall River	0.00	0.00	0.22
	PVP 8284	Freetown	Fall River	0.37	0.14	0.09
	PVP 8285	Freetown	Fall River	0.00	0.02	0.27
	PVP 8286	Freetown	Fall River	0.00	0.00	0.23
	PVP 8287	Freetown	Fall River	0.00	0.00	0.18
	PVP 8308	Freetown	Fall River	0.00	0.15	0.32
	PVP 8309	Freetown	Fall River	0.00	0.00	0.45
	PVP 8310	Freetown	Fall River	0.00	0.00	0.66
FRF-2	PVP 8312	Freetown	Fall River	0.00	0.00	0.43
	PVP 8324	Freetown	Fall River	0.08	0.33	0.14
	PVP 8326	Freetown	Fall River	0.00	0.00	0.50
	PVP 11883	Lakeville	Fall River	0.00	0.00	0.53
Subtotal	13	—	Fall River	0.45	0.61	3.48
BKCM-4	PVP 2316	Berkley	New Bedford	0.00	0.00	0.87
	PVP 2317	Berkley	New Bedford	0.00	0.00	0.87
	PVP 2318	Berkley	New Bedford	0.00	0.10	0.87
	PVP 2319	Berkley	New Bedford	0.00	0.11	0.77
	PVP 2320	Berkley	New Bedford	0.01	0.15	0.00
	PVP 2353	Berkley	New Bedford	0.00	0.00	0.07
	PVP 8348	Freetown	New Bedford	0.00	0.00	0.15
	PVP 8362	Freetown	New Bedford	0.00	0.00	0.18
	PVP 11931	Lakeville	New Bedford	0.00	0.00	0.08
	CVP 1892	New Bedford	New Bedford	0.00	0.00	0.22
	CVP 1893	New Bedford	New Bedford	0.00	0.00	0.26
	CVP 2525	New Bedford	New Bedford	0.00	0.00	0.24
	CVP 2647	New Bedford	New Bedford	0.00	0.00	0.46
	PVP 15554	New Bedford	New Bedford	0.00	0.00	0.31

1 Fill to VPH (Vernal Pool Habitat) was calculated as the loss of wetland where a vernal pool occurs.

2 Loss of forested upland within 100 feet of VPH.

3 Upland Habitat loss was calculated for forested upland habitat between 100 and 750 feet of a vernal pool.

Table A-1 Southern Triangle Impacts to Vernal Pools (Continued)

Wetland ID	Vernal Pool #	Town	Segment	Fill to VPH ¹	Direct Impacts	
					Loss of Buffer Habitat ²	Loss of Upland Habitat ³
	PVP 15571	New Bedford	New Bedford	0.00	0.00	0.16
	PVP 15572	New Bedford	New Bedford	0.00	0.00	0.32
	PVP 25302	Taunton	New Bedford	0.00	0.00	0.02
	PVP 25303	Taunton	New Bedford	0.00	0.02	0.00
	PVP 25304	Taunton	New Bedford	0.00	0.00	0.02
	PVP 25305	Taunton	New Bedford	0.00	0.00	0.02
	PVP 25306	Taunton	New Bedford	0.00	0.02	0.00
	PVP 25307	Taunton	New Bedford	0.00	0.00	0.02
	PVP 25308	Taunton	New Bedford	0.00	0.00	0.02
	PVP 25309	Taunton	New Bedford	0.00	0.00	0.02
	PVP 25310	Taunton	New Bedford	0.00	0.00	0.02
	PVP 25315	Taunton	New Bedford	0.00	0.00	0.65
	PVP 25316	Taunton	New Bedford	0.00	0.00	0.48
	PVP 25317	Taunton	New Bedford	0.00	0.00	0.53
	PVP 25318	Taunton	New Bedford	0.00	0.00	0.56
	PVP 25395	Taunton	New Bedford	0.00	0.00	1.42
	PVP 25397	Taunton	New Bedford	0.00	0.00	1.06
Subtotal	31	--	New Bedford	0.01	0.40	5.12
Total	44	--	--	0.46	1.62	8.60

4 Fill to VPH (Vernal Pool Habitat) was calculated as the loss of wetland where a vernal pool occurs.

5 Loss of forested upland within 100 feet of VPH.

6 Upland Habitat loss was calculated for forested upland habitat between 100 and 750 feet of a vernal pool.

Table A-2 Attleboro Electric Alternative Impacts to Vernal Pools

Wetland ID	Vernal Pool #	Town	Segment	Direct Impacts		
				Fill to VPH ¹	Loss of Buffer Habitat ²	Loss of Upland Habitat ³
	PVP 1085	Attleboro	Northeast Corridor	0.00	0.00	0.07
	PVP 1086	Attleboro	Northeast Corridor	0.00	0.00	0.16
	PVP 4245	Canton	Northeast Corridor	0.00	0.00	0.10
	PVP 4246	Canton	Northeast Corridor	0.00	0.00	0.33
	PVP 4247	Canton	Northeast Corridor	0.00	0.00	0.40
	PVP 4248	Canton	Northeast Corridor	0.00	0.00	0.37
	PVP 4249	Canton	Northeast Corridor	0.00	0.00	0.33
	PVP 4250	Canton	Northeast Corridor	0.00	0.00	0.35
	PVP 4251	Canton	Northeast Corridor	0.00	0.00	0.54
	PVP 4252	Canton	Northeast Corridor	0.00	0.00	0.41
	PVP 4254	Canton	Northeast Corridor	0.00	0.00	0.44
	PVP 4255	Canton	Northeast Corridor	0.00	0.00	0.10
	PVP 4287	Canton	Northeast Corridor	0.00	0.00	0.00
	PVP 4290	Canton	Northeast Corridor	0.00	0.00	0.67
	PVP 4295	Canton	Northeast Corridor	0.00	0.00	0.01
	PVP 5791	Dedham	Northeast Corridor	0.00	0.00	0.49
	PVP 5792	Dedham	Northeast Corridor	0.00	0.00	0.45
	PVP 5793	Dedham	Northeast Corridor	0.00	0.00	0.55
	PVP 5794	Dedham	Northeast Corridor	0.00	0.00	0.31
	PVP 5795	Dedham	Northeast Corridor	0.00	0.00	0.32
	PVP 5796	Dedham	Northeast Corridor	0.00	0.00	0.39
	PVP 5797	Dedham	Northeast Corridor	0.00	0.00	0.70
	PVP 5798	Dedham	Northeast Corridor	0.00	0.00	0.77
	CVP 1328	Foxborough	Northeast Corridor	0.00	0.00	0.66
	PVP 7911	Foxborough	Northeast Corridor	0.00	0.00	0.49
	PVP 7920	Foxborough	Northeast Corridor	0.00	0.00	0.13
	PVP 7926	Foxborough	Northeast Corridor	0.00	0.00	0.55
	PVP 7928	Foxborough	Northeast Corridor	0.00	0.00	0.59
	PVP 7929	Foxborough	Northeast Corridor	0.00	0.00	0.76
	PVP 7930	Foxborough	Northeast Corridor	0.00	0.00	0.71
MAA-22	NHESP 4	Mansfield	Northeast Corridor	0.88	0.00	0.00
	PVP 13306	Mansfield	Northeast Corridor	0.00	0.00	0.03
MAA-19	PVP 13314	Mansfield	Northeast Corridor	0.06	0.89	0.88
	PVP 13323	Mansfield	Northeast Corridor	0.00	0.00	0.14
	PVP 13324	Mansfield	Northeast Corridor	0.00	0.00	0.14

Wetland ID	Vernal Pool #	Town	Segment	Fill to VPH ¹	Direct Impacts	
					Loss of Buffer Habitat ²	Loss of Upland Habitat ³
MAA-07	PVP 13331	Mansfield	Northeast Corridor	0.00	0.00	0.08
	PVP 13332	Mansfield	Northeast Corridor	0.00	0.00	0.33
	PVP 13333	Mansfield	Northeast Corridor	0.00	0.00	0.05
	PVP 13334	Mansfield	Northeast Corridor	0.42	0.00	0.39
	PVP 13336	Mansfield	Northeast Corridor	0.00	0.00	0.31
	PVP 13337	Mansfield	Northeast Corridor	0.00	0.00	0.00
	PVP 13340	Mansfield	Northeast Corridor	0.00	0.00	0.49
	CVP 4663	Sharon	Northeast Corridor	0.00	0.00	0.96
	PVP 22391	Sharon	Northeast Corridor	0.00	0.00	1.30
	PVP 22392	Sharon	Northeast Corridor	0.00	0.00	1.30
	PVP 22442	Sharon	Northeast Corridor	0.00	0.00	0.75
	PVP 22474	Sharon	Northeast Corridor	0.00	0.00	0.07
	PVP 22475	Sharon	Northeast Corridor	0.00	0.00	0.70
	PVP 22480	Sharon	Northeast Corridor	0.00	0.02	1.08
	PVP 22481	Sharon	Northeast Corridor	0.00	0.00	1.09
	PVP 22482	Sharon	Northeast Corridor	0.00	0.05	1.13
	PVP 22483	Sharon	Northeast Corridor	0.00	0.00	0.95
	PVP 22484	Sharon	Northeast Corridor	0.00	0.00	0.93
Subtotal	53	--	Northeast Corridor	1.36	1.54	14.70
ATA-03	AB-2	Attleboro	Attleboro Bypass	0.00	0.00	0.25
	AB-3	Attleboro	Attleboro Bypass	0.00	0.00	2.06
	NEHSP 5	Attleboro	Attleboro Bypass	0.00	0.00	0.53
	NHESP 6	Attleboro	Attleboro Bypass	0.02	0.24	0.00
	NHESP 7	Attleboro	Attleboro Bypass	0.00	0.16	1.16
ATA-13	NHESP 8	Attleboro	Attleboro Bypass	0.00	0.27	1.26
	NHESP 9	Attleboro	Attleboro Bypass	0.11	0.43	1.82
	PVP 1205	Attleboro	Attleboro Bypass	0.00	0.00	0.25
	PVP 1207 #2	Attleboro	Attleboro Bypass	0.00	0.17	1.65
	PVP 1207 #3	Attleboro	Attleboro Bypass	0.00	0.17	1.65
MAA-22	PVP 1207 #5	Attleboro	Attleboro Bypass	0.00	0.00	1.71
	PVP 1211	Attleboro	Attleboro Bypass	0.00	0.00	4.01
	PVP 1212	Attleboro	Attleboro Bypass	0.00	0.00	1.46
	PVP 1218	Attleboro	Attleboro Bypass	0.00	0.00	1.48
	NHESP 4	Mansfield	Attleboro Bypass	2.68	2.11	0.00
	PVP 13317	Mansfield	Attleboro Bypass	0.00	0.00	1.98
	CVP 4361	Norton	Attleboro Bypass	0.00	0.00	0.38

Wetland ID	Vernal Pool #	Town	Segment	Fill to VPH ¹	Direct Impacts	
					Loss of Buffer Habitat ²	Loss of Upland Habitat ³
	PVP 1204	Norton	Attleboro Bypass	0.00	0.00	0.24
Subtotal	18	--	Attleboro Bypass	2.81	3.37	12.40
	CVP 2881	Norton	Attleboro Secondary	0.00	0.00	0.20
ATA-15	CVP 3099	Norton	Attleboro Secondary	0.06	0.29	0.00
	CVP 3216	Norton	Attleboro Secondary	0.00	0.00	0.20
	CVP 4449	Norton	Attleboro Secondary	0.00	0.00	0.23
NOA-10	CVP 4450	Norton	Attleboro Secondary	0.26	0.00	0.17
	PVP 17021	Norton	Attleboro Secondary	0.00	0.00	0.08
	PVP 17022	Norton	Attleboro Secondary	0.00	0.00	0.05
NOA-05	PVP 17023	Norton	Attleboro Secondary	0.04	0.03	0.10
	PVP 17024	Norton	Attleboro Secondary	0.00	0.00	0.35
	PVP 17025	Norton	Attleboro Secondary	0.00	0.00	0.07
	PVP 17026	Norton	Attleboro Secondary	0.00	0.00	0.08
	PVP 17027	Norton	Attleboro Secondary	0.00	0.00	0.11
NOA-10	PVP 17028	Norton	Attleboro Secondary	0.26	0.00	0.16
	PVP 17089	Norton	Attleboro Secondary	0.00	0.00	0.20
NOA-18	PVP 17093	Norton	Attleboro Secondary	0.00	0.07	0.05
	PVP 17094	Norton	Attleboro Secondary	0.00	0.00	0.12
	PVP 17099	Norton	Attleboro Secondary	0.00	0.00	0.19
	PVP 17100	Norton	Attleboro Secondary	0.00	0.00	0.19
	PVP 17101	Norton	Attleboro Secondary	0.00	0.00	0.23
	PVP 17198	Norton	Attleboro Secondary	0.00	0.00	0.06
	PVP 17206	Norton	Attleboro Secondary	0.00	0.00	0.03
	PVP 17207	Norton	Attleboro Secondary	0.00	0.00	0.19
	PVP 17208	Norton	Attleboro Secondary	0.00	0.03	0.37
	PVP 17210	Norton	Attleboro Secondary	0.00	0.00	0.67
	PVP 17211	Norton	Attleboro Secondary	0.00	0.00	0.33
	PVP 17212	Norton	Attleboro Secondary	0.00	0.00	0.34
	PVP 24935	Taunton	Attleboro Secondary	0.00	0.00	0.07
	PVP 24939	Taunton	Attleboro Secondary	0.00	0.00	0.42
	PVP 24940	Taunton	Attleboro Secondary	0.00	0.00	0.41
NOA-35	PVP 24996	Taunton	Attleboro Secondary	0.11	0.46	0.58
	PVP 24997	Taunton	Attleboro Secondary	0.00	0.00	0.75
	PVP 25000	Taunton	Attleboro Secondary	0.00	0.00	0.63
	PVP 25004	Taunton	Attleboro Secondary	0.00	0.00	0.89
	PVP 25006	Taunton	Attleboro Secondary	0.00	0.00	0.73

Wetland ID	Vernal Pool #	Town	Segment	Fill to VPH ¹	Direct Impacts	
					Loss of Buffer Habitat ²	Loss of Upland Habitat ³
	PVP 25008	Taunton	Attleboro Secondary	0.00	0.00	0.63
	PVP 25009	Taunton	Attleboro Secondary	0.00	0.00	0.38
	PVP 25047	Taunton	Attleboro Secondary	0.00	0.00	0.06
	PVP 25052	Taunton	Attleboro Secondary	0.00	0.00	0.63
	PVP 25053	Taunton	Attleboro Secondary	0.00	0.00	0.56
	PVP 25054	Taunton	Attleboro Secondary	0.00	0.00	0.57
	PVP 25056	Taunton	Attleboro Secondary	0.00	0.00	0.55
	PVP 25057	Taunton	Attleboro Secondary	0.00	0.00	0.15
	PVP 25216	Taunton	Attleboro Secondary (Whittenton to Weir)	0.00	0.00	1.00
	PVP 25217	Taunton	Attleboro Secondary (Whittenton to Weir)	0.00	0.00	0.94
	PVP 25227	Taunton	Attleboro Secondary (Whittenton to Weir)	0.00	0.00	0.09
Subtotal	45	--	Attleboro Secondary	0.73	0.90	7.14
Total⁴	116	--	--	4.90	5.81	34.24

1 Fill to VPH (Vernal Pool Habitat) was calculated as the loss of wetland where a vernal pool occurs.

2 Loss of forested upland within 100 feet of VPH.

3 Upland Habitat loss was calculated for forested upland habitat between 100 and 750 feet of a vernal pool.

4 Impacts to buffer habitat and upland habitat from adjacent vernal pools may overlap. Total impact values were calculated for impacts across the entire alternative and do not double-count impact areas.

Table A-3 Stoughton Electric Alternative - Impacts to Vernal Pools

Wetland ID	Vernal Pool #	Town	Segment	Direct Impacts		
				Fill to VPH ¹	Loss of Buffer Habitat ²	Loss of Upland Habitat ³
EA-24	PVP 4291	Canton	Stoughton Line	0.00	0.26	0.00
	CVP 1462	Easton	Stoughton Line	0.00	1.10	0.34
	CVP 1463	Easton	Stoughton Line	0.07	0.07	1.27
	CVP 1660	Easton	Stoughton Line	0.00	0.04	0.50
	CVP 1661	Easton	Stoughton Line	0.00	0.00	0.43
	CVP 1662	Easton	Stoughton Line	0.00	0.08	0.32
	CVP 1663	Easton	Stoughton Line	0.00	0.00	0.47
	CVP 1664	Easton	Stoughton Line	0.00	0.08	0.39
EA-78	CVP 1665	Easton	Stoughton Line	0.00	0.19	0.85
	CVP 1710	Easton	Stoughton Line	0.01	0.00	0.95
	CVP 1711	Easton	Stoughton Line	0.00	0.00	0.30
	CVP 1712	Easton	Stoughton Line	0.00	0.00	1.22
	CVP 1827	Easton	Stoughton Line	0.00	0.00	0.14
	CVP 1937	Easton	Stoughton Line	0.00	0.03	0.14
	CVP 1938	Easton	Stoughton Line	0.00	0.00	0.37
	CVP 1939	Easton	Stoughton Line	0.00	0.76	0.00
EA-2	CVP 2152	Easton	Stoughton Line	0.00	0.00	2.47
	CVP 2153	Easton	Stoughton Line	0.00	0.00	1.24
EA-5	CVP 2154	Easton	Stoughton Line	0.02	2.55	0.00
EA-5	CVP 2377	Easton	Stoughton Line	0.02	0.44	0.83
EA-19	NCVP-2	Easton	Stoughton Line	0.00	0.57	0.95
	NCVP-3	Easton	Stoughton Line	0.04	1.00	0.59
	NHESP 1	Easton	Stoughton Line	0.12	0.26	0.66
EA-77	NHESP 2	Easton	Stoughton Line	0.00	1.38	0.00
EA-6	PVP 7218	Easton	Stoughton Line	0.04	0.00	1.29
	PVP 7219	Easton	Stoughton Line	0.00	0.00	1.28
	PVP 7220	Easton	Stoughton Line	0.00	0.48	1.79
	PVP 7221	Easton	Stoughton Line	0.01	0.00	2.28
EA-4	PVP 7222	Easton	Stoughton Line	0.00	0.00	2.47
	PVP 7223	Easton	Stoughton Line	0.00	0.00	1.95
EA-2	PVP 7242	Easton	Stoughton Line	0.00	0.00	0.30
	PVP 7254	Easton	Stoughton Line	0.00	0.00	0.51
	PVP 7255	Easton	Stoughton Line	0.00	0.00	0.82

Wetland ID	Vernal Pool #	Town	Segment	Direct Impacts		
				Fill to VPH ¹	Loss of Buffer Habitat ²	Loss of Upland Habitat ³
EA-5	PVP 7256	Easton	Stoughton Line	0.00	0.00	0.85
	PVP 7257	Easton	Stoughton Line	0.00	0.00	1.09
	PVP 7324	Easton	Stoughton Line	0.00	0.00	0.87
	PVP 7325	Easton	Stoughton Line	0.00	0.00	0.71
	VP-10	Easton	Stoughton Line	0.02	0.00	1.95
	VP-11	Easton	Stoughton Line	0.00	0.19	1.10
	VP-3	Easton	Stoughton Line	0.00	0.10	2.32
	VP-6	Easton	Stoughton Line	0.00	0.00	1.28
	VP-7	Easton	Stoughton Line	0.00	0.00	1.27
R-63	NHESP 3	Raynham	Stoughton Line	0.01	1.77	0.00
R-63	PVP 20158	Raynham	Stoughton Line	0.01	0.00	1.11
	PVP 20178	Raynham	Stoughton Line	0.00	0.00	0.96
	PVP 20179	Raynham	Stoughton Line	0.00	0.00	1.03
	PVP 20181	Raynham	Stoughton Line	0.00	0.00	0.87
	PVP 20182	Raynham	Stoughton Line	0.00	0.00	0.84
	PVP 20186	Raynham	Stoughton Line	0.00	0.00	0.09
	PVP 20189	Raynham	Stoughton Line	0.00	0.00	0.28
	PVP 20193	Raynham	Stoughton Line	0.00	0.00	0.32
	PVP 20198	Raynham	Stoughton Line	0.00	0.22	0.15
	CVP 2140	Stoughton	Stoughton Line	0.00	0.00	2.60
	PVP 23778	Stoughton	Stoughton Line	0.00	0.00	1.46
	PVP 23779	Stoughton	Stoughton Line	0.00	0.00	1.61
	PVP 23784	Stoughton	Stoughton Line	0.00	1.18	1.92
ST-3	PVP 23791	Stoughton	Stoughton Line	0.06	0.00	1.67
	PVP 23799	Stoughton	Stoughton Line	0.00	0.36	0.00
Subtotal	58	--	Stoughton Line (North of Raynham Junction)	0.43	12.39	27.30
RA-12	CVP 1971	Raynham	Stoughton Line (South of Raynham Junction)	0.44	0.00	0.40
	CVP 1972	Raynham	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.53
	PVP 20195	Raynham	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.98
	PVP 20196	Raynham	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.92
	PVP 20197	Raynham	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.65

Wetland ID	Vernal Pool #	Town	Segment	Direct Impacts		
				Fill to VPH ¹	Loss of Buffer Habitat ²	Loss of Upland Habitat ³
	PVP 20208	Raynham	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.62
	PVP 20209	Raynham	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.60
	PVP 20210	Raynham	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.65
	PVP 20211	Raynham	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.65
	PVP 20214	Raynham	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.41
	PVP 20215	Raynham	Stoughton Line (South of Raynham Junction)	0.00	0.14	0.30
	PVP 20230	Raynham	Stoughton Line (South of Raynham Junction)	0.00	0.20	0.74
T-6	PVP 20231	Raynham	Stoughton Line (South of Raynham Junction)	0.04	0.00	0.76
	PVP 20232	Raynham	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.55
	PVP 20233	Raynham	Stoughton Line (South of Raynham Junction)	0.00	0.36	0.11
T-2	PVP 20235	Raynham	Stoughton Line (South of Raynham Junction)	0.37	0.09	0.76
	VP-12	Raynham	Stoughton Line (South of Raynham Junction)	0.00	0.08	0.57
T-41.2	PVP 25087	Taunton	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.53
	PVP 25089	Taunton	Stoughton Line (South of Raynham Junction)	0.00	0.12	0.00
T-42	PVP 25090	Taunton	Stoughton Line (South of Raynham Junction)	0.03	0.00	0.12
	PVP 25091	Taunton	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.12
T-41.1	PVP 25092	Taunton	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.01
	PVP 25095	Taunton	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.00
	PVP 25096	Taunton	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.04
	PVP 25097	Taunton	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.05

Wetland ID	Vernal Pool #	Town	Segment	Direct Impacts		
				Fill to VPH ¹	Loss of Buffer Habitat ²	Loss of Upland Habitat ³
	PVP 25098	Taunton	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.08
	PVP 25099	Taunton	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.12
	PVP 25109	Taunton	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.12
	PVP 25270	Taunton	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.13
	PVP 25271	Taunton	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.34
	PVP 25278	Taunton	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.28
	PVP 25294	Taunton	Stoughton Line (South of Raynham Junction)	0.00	0.00	0.04
	PVP 25295	Taunton	Stoughton Line (South of Raynham Junction)	0.00	0.30	0.00
Subtotal	33	--	Stoughton Line (South of Raynham Junction)	0.88	1.36	4.38
Total	91	--	Stoughton Line	1.31	13.75	31.68

1 Fill to VPH (Vernal Pool Habitat) was calculated as the loss of wetland where a vernal pool occurs.

2 Loss of forested upland within 100 feet of VPH.

3 Upland Habitat loss was calculated for forested upland habitat between 100 and 750 feet of a vernal pool.

4 Impacts to buffer habitat and upland habitat from adjacent vernal pools may overlap. Total impact values were calculated for impacts across the entire alternative and do not double-count impact areas.

Table A-4 Whittenton Electric Alternative - Impacts to Vernal Pools

Wetland ID	Vernal Pool #	Town	Segment	Direct Impacts		
				Fill to VPH ¹	Loss of Buffer Habitat ²	Loss of Upland Habitat ³
EA-24	PVP 4291	Canton	Stoughton Line	0.00	0.26	0.00
	CVP 1462	Easton	Stoughton Line	0.00	1.10	0.34
	CVP 1463	Easton	Stoughton Line	0.07	0.07	1.27
	CVP 1660	Easton	Stoughton Line	0.00	0.04	0.50
	CVP 1661	Easton	Stoughton Line	0.00	0.00	0.43
	CVP 1662	Easton	Stoughton Line	0.00	0.08	0.32
	CVP 1663	Easton	Stoughton Line	0.00	0.00	0.47
	CVP 1664	Easton	Stoughton Line	0.00	0.08	0.39
EA-78	CVP 1665	Easton	Stoughton Line	0.00	0.19	0.85
	CVP 1710	Easton	Stoughton Line	0.01	0.00	0.95
	CVP 1711	Easton	Stoughton Line	0.00	0.00	0.30
	CVP 1712	Easton	Stoughton Line	0.00	0.00	1.22
	CVP 1827	Easton	Stoughton Line	0.00	0.00	0.14
	CVP 1937	Easton	Stoughton Line	0.00	0.03	0.14
	CVP 1938	Easton	Stoughton Line	0.00	0.00	0.37
	CVP 1939	Easton	Stoughton Line	0.00	0.76	0.00
EA-2	CVP 2152	Easton	Stoughton Line	0.00	0.00	2.47
	CVP 2153	Easton	Stoughton Line	0.00	0.00	1.24
EA-5	CVP 2154	Easton	Stoughton Line	0.02	2.55	0.00
EA-5	CVP 2377	Easton	Stoughton Line	0.02	0.44	0.83
EA-19	NCVP-2	Easton	Stoughton Line	0.00	0.57	0.95
	NCVP-3	Easton	Stoughton Line	0.04	1.00	0.59
EA-91	NHESP 1	Easton	Stoughton Line	0.12	0.26	0.66
EA-77	NHESP 2	Easton	Stoughton Line	0.00	1.38	0.00
EA-6	PVP 7218	Easton	Stoughton Line	0.04	0.00	1.29
	PVP 7219	Easton	Stoughton Line	0.00	0.00	1.28
	PVP 7220	Easton	Stoughton Line	0.00	0.48	1.79
EA-4	PVP 7221	Easton	Stoughton Line	0.01	0.00	2.28
EA-2	PVP 7222	Easton	Stoughton Line	0.00	0.00	2.47
	PVP 7223	Easton	Stoughton Line	0.00	0.00	1.95
	PVP 7242	Easton	Stoughton Line	0.00	0.00	0.30
	PVP 7254	Easton	Stoughton Line	0.00	0.00	0.51
	PVP 7255	Easton	Stoughton Line	0.00	0.00	0.82
	PVP 7256	Easton	Stoughton Line	0.00	0.00	0.85

Wetland ID	Vernal Pool #	Town	Segment	Direct Impacts		
				Fill to VPH ¹	Loss of Buffer Habitat ²	Loss of Upland Habitat ³
EA-5	PVP 7257	Easton	Stoughton Line	0.00	0.00	1.09
	PVP 7324	Easton	Stoughton Line	0.00	0.00	0.87
	PVP 7325	Easton	Stoughton Line	0.00	0.00	0.71
	VP-10	Easton	Stoughton Line	0.02	0.00	1.95
	VP-11	Easton	Stoughton Line	0.00	0.19	1.10
	VP-3	Easton	Stoughton Line	0.00	0.10	2.32
	VP-6	Easton	Stoughton Line	0.00	0.00	1.28
	VP-7	Easton	Stoughton Line	0.00	0.00	1.27
R-63	NHESP 3	Raynham	Stoughton Line	0.01	1.77	0.00
R-63	PVP 20158	Raynham	Stoughton Line	0.01	0.00	1.11
	PVP 20178	Raynham	Stoughton Line	0.00	0.00	0.96
	PVP 20179	Raynham	Stoughton Line	0.00	0.00	1.03
	PVP 20181	Raynham	Stoughton Line	0.00	0.00	0.87
	PVP 20182	Raynham	Stoughton Line	0.00	0.00	0.84
	PVP 20186	Raynham	Stoughton Line	0.00	0.00	0.09
	PVP 20189	Raynham	Stoughton Line	0.00	0.00	0.28
	PVP 20193	Raynham	Stoughton Line	0.00	0.00	0.32
	PVP 20198	Raynham	Stoughton Line	0.00	0.22	0.15
	CVP 2140	Stoughton	Stoughton Line	0.00	0.00	2.60
ST-3	PVP 23778	Stoughton	Stoughton Line	0.00	0.00	1.46
	PVP 23779	Stoughton	Stoughton Line	0.00	0.00	1.61
	PVP 23784	Stoughton	Stoughton Line	0.00	1.18	1.92
	PVP 23791	Stoughton	Stoughton Line	0.06	0.00	1.67
	PVP 23799	Stoughton	Stoughton Line	0.00	0.36	0.00
Stoughton Line (North of Raynham Junction)				0.43	12.39	27.30
TWB-02	PVP 20195	Raynham	Whittenton	0.00	0.06	0.00
	PVP 24939	Taunton	Whittenton	0.11	0.05	0.00
	PVP 25192	Taunton	Whittenton	0.00	0.00	1.52
	PVP 25208	Taunton	Whittenton	0.00	0.00	0.16
	PVP 25209	Taunton	Whittenton	0.00	0.00	0.17
	PVP 25210	Taunton	Whittenton	0.00	0.09	0.00
	PVP 25215	Taunton	Whittenton	0.00	0.00	0.55
Subtotal	7	--	Whittenton Branch	0.11	0.41	3.06
			Whittenton Junction to Weir Junction			
	PVP 25216	Taunton		0.00	0.00	1.00

Wetland ID	Vernal Pool #	Town	Segment	Direct Impacts		
				Fill to VPH ¹	Loss of Buffer Habitat ²	Loss of Upland Habitat ³
	PVP 25217	Taunton	Whittenton Junction to Weir Junction	0.00	0.00	0.94
	PVP 25227	Taunton	Whittenton Junction to Weir Junction	0.00	0.00	0.09
Subtotal	3	--	Whittenton Junction to Weir Junction	0	0.09	1.87
Total	68	--	--	0.54	12.89	32.23

- 1 Fill to VPH (Vernal Pool Habitat) was calculated as the loss of wetland where a vernal pool occurs.
- 2 Loss of forested upland within 100 feet of VPH.
- 3 Upland Habitat loss was calculated for forested upland habitat between 100 and 750 feet of a vernal pool.
- 4 Impacts to buffer habitat and upland habitat from adjacent vernal pools may overlap. Total impact values were calculated for impacts across the entire alternative and do not double-count impact areas.

Table A-5 Rapid Bus Alternative - Impacts to Vernal Pools

Wetland ID	Vernal Pool #	Town	Direct Impacts		
			Fill to VPH ¹	Loss of Buffer Habitat ²	Loss of Upland Habitat ³
	PVP 1365	Avon	0.00	0.00	0.29
	PVP 3540	Bridgewater	0.00	0.00	0.76
	PVP 3548	Bridgewater	0.00	0.00	1.25
	PVP 3551	Bridgewater	0.00	0.00	0.84
	PVP 3552	Bridgewater	0.00	0.00	0.36
	PVP 3554	Bridgewater	0.00	0.00	1.18
	PVP 3555	Bridgewater	0.00	0.00	1.34
	PVP 3556	Bridgewater	0.00	0.00	1.27
	PVP 3557	Bridgewater	0.00	0.00	1.29
	PVP 3558	Bridgewater	0.00	0.00	1.43
	PVP 3559	Bridgewater	0.00	0.00	0.23
	PVP 3560	Bridgewater	0.00	0.00	0.17
	PVP 3561	Bridgewater	0.00	0.00	1.28
	PVP 3563	Bridgewater	0.00	0.00	1.00
	PVP 3567	Bridgewater	0.00	0.00	1.10
	PVP 3568	Bridgewater	0.00	0.00	1.08
	PVP 3569	Bridgewater	0.00	0.00	0.94
	PVP 3570	Bridgewater	0.00	0.07	1.22
	PVP 3571	Bridgewater	0.00	0.03	1.14
	PVP 3573	Bridgewater	0.00	0.00	1.06
	PVP 3574	Bridgewater	0.00	0.00	0.98
BRB-04	PVP 3577	Bridgewater	1.51	0.00	0.52
	PVP 3578	Bridgewater	0.00	0.00	0.55
	PVP 3579	Bridgewater	0.00	0.31	0.42
	PVP 4188	Canton	0.00	0.00	0.10

Wetland ID	Vernal Pool #	Town	Direct Impacts		
			Fill to VPH ¹	Loss of Buffer Habitat ²	Loss of Upland Habitat ³
	PVP 4190	Canton	0.00	0.00	0.05
	PVP 20144	Randolph	0.00	0.00	0.12
	PVP 20145	Randolph	0.00	0.00	0.04
	PVP 20146	Randolph	0.00	0.00	0.09
	PVP 20147	Randolph	0.00	0.00	0.02
	PVP 20149	Randolph	0.00	0.00	0.05
	PVP 20338	Raynham	0.00	0.00	0.15
	PVP 20339	Raynham	0.00	0.00	0.29
	PVP 20340	Raynham	0.00	0.00	0.15
	PVP 20341	Raynham	0.00	0.00	0.42
	PVP 20343	Raynham	0.00	0.00	0.26
	PVP 20365	Raynham	0.00	0.00	1.75
	PVP 20367	Raynham	0.00	0.00	0.13
	PVP 20369	Raynham	0.00	0.00	0.04
	PVP 20385	Raynham	0.00	0.00	0.59
	PVP 20386	Raynham	0.00	0.00	0.41
	PVP 20387	Raynham	0.00	0.00	0.60
	PVP 20388	Raynham	0.00	0.00	0.67
	PVP 20389	Raynham	0.00	0.00	0.24
RAB-06	PVP 20400	Raynham	0.51	0.00	0.00
RAB-05	PVP 20402	Raynham	0.02	0.19	0.00
	PVP 20414	Raynham	0.00	0.00	1.35
	PVP 20416	Raynham	0.00	0.00	1.53
	PVP 25330	Taunton	0.00	0.00	1.46
	PVP 25331	Taunton	0.00	0.00	1.14
TB-11	PVP 25334	Taunton	0.11	0.00	1.70

Wetland ID	Vernal Pool #	Town	Direct Impacts		Loss of Upland Habitat ³
			Fill to VPH ¹	Loss of Buffer Habitat ²	
TB-11	PVP 25336	Taunton	0.11	0.00	1.81
	PVP 25339	Taunton	0.00	0.00	0.67
	PVP 25341	Taunton	0.00	0.00	0.60
	PVP 25343	Taunton	0.00	0.00	0.65
	PVP 25344	Taunton	0.00	0.00	0.31
	PVP 25355	Taunton	0.00	0.00	1.14
	PVP 25356	Taunton	0.00	0.00	1.00
	PVP 25358	Taunton	0.00	0.00	0.53
	PVP 25360	Taunton	0.00	0.00	0.11
	PVP 25361	Taunton	0.00	0.00	0.24
	PVP 25365	Taunton	0.00	0.00	0.19
	PVP 25366	Taunton	0.00	0.00	0.17
	PVP 25380	Taunton	0.00	0.00	0.20
	PVP 25381	Taunton	0.00	0.00	0.30
	PVP 25382	Taunton	0.00	0.00	0.16
	PVP 25394	Taunton	0.00	0.00	1.47
	PVP 25396	Taunton	0.00	0.00	2.28
	PVP 25398	Taunton	0.00	0.00	0.33
	PVP 27392	West Bridgewater	0.00	0.00	1.44
	PVP 27393	West Bridgewater	0.00	0.00	0.15
	PVP 27394	West Bridgewater	0.00	0.00	1.01
Total	72	--	2.26	4.33	14.93
1	Fill to VPH (Vernal Pool Habitat) was calculated as the loss of wetland where a vernal pool occurs.				
2	Loss of forested upland within 100 feet of VPH.				
3	Upland Habitat loss was calculated for forested upland habitat between 100 and 750 feet of a vernal pool.				
4	Impacts to buffer habitat and upland habitat from adjacent vernal pools may overlap. Total impact values were calculated for impacts across the entire alternative and do not double-count impact areas.				