

Natural Resource Map Series Page Number	Impact Exhibit Sheet #	Complex ID	Wetland ID ¹	Mile Post ²	Cowardin Classification ³	7.0 Description of the Entire Wetland or Wetland Complex												
						7.1		7.2	7.3	7.4	7.4.1		7.4.2	7.4.3	7.4.4	7.5	7.6	7.7
						Size of Delineated Area in Acres	Size of Wetland Complex in Acres	Natural Community Types Present	Landscape Position	Wetland Hydrology	Direction of Flow	Influence of Hydrology on Wetland Complex	Relation to the Project Area in Feet ⁴	Hydroperiod	Surrounding Landuse of the Wetland Complex	Relation to Other Nearby Wetlands in Feet ⁵	Pre-Project Cumulative Impacts to the Wetland	
4	1	1	V-BE-W-14	100.6	PSS/PFO	0.03	5.08	Forested and scrub-shrub wetland	Depression	Groundwater discharge; stream 2014-V-BE-AS-8; surface runoff	Groundwater discharge; surface runoff and stream flow; drains south	Groundwater discharge; surface runoff and stream flow provide the wetland with permanent saturation and flooding	0	Permanently saturated; Permanently flooded	Naturally forested and road right-of-way (ROW)	0	Maintained buffer along edge of Old North Lake Road	
5	2	2	V-BE-W-100	102.1	PEM	0.02	5.17	Emergent wetland	Vegetated Swale; Depression	Groundwater discharge; surface runoff; floodflow from stream V-BE-S-100	Groundwater discharge; surface runoff; flood flow from stream V-BE-S-100 flows west	Groundwater discharge, surface runoff and stream flood flow provide the wetland with semi-permanent saturation	0	Semi-permanently Saturated	Agricultural fields; naturally vegetated and road ROW	96	Maintained road ROW; vegetated clearing for agricultural purposes	
9	3	4	V-WH-W-5	106.2	PEM	0.03	2.54	Emergent wetland	Depression; Vegetated Swale	Groundwater discharge; surface runoff	Groundwater discharge; surface runoff drains west	Groundwater discharge and surface runoff provides wetland with permanent flooding and permanently saturated	113	Permanently flooded and permanently saturated	Agricultural fields; naturally vegetated; road ROW	29	Maintained road ROW	
9	4	5	V-WH-W-6	106.3	PEM	0.00	11.70	Emergent wetland	Vegetated Swale	Surface runoff	Surface runoff drains west	Surface runoff provides wetland with semi-permanent saturation	267	Semi-permanently Saturated	Agricultural lands; road ROW	51	Maintained road ROW	
9	5, 6, 7	6	V-WH-W-8	106.6	PEM	0.15	15.33	Emergent wetland	Depression	Groundwater discharge; surface runoff; stream flow from V-WH-S-5	Groundwater discharge; surface runoff; stream flow from V-WH-S-5; drains west	Surface runoff provides wetland with permanent saturation and seasonal flooding	13	Permanent Saturation and Seasonal flooding	Agricultural lands; road ROW	59	Maintained road ROW	
9	7, 8	7	V-WH-W-9	106.8	PEM	0.11	1.53	Emergent wetland	Depression	Groundwater Discharge; surface runoff; flow from V-WH-S-7	Groundwater Discharge; surface runoff; flow from V-WH-S-7	Groundwater Discharge; surface runoff and flow from V-WH-S-7 provide wetland with semi-permanent saturation	106	Semi-permanent saturated	Agricultural lands; road ROW; light residential; packed dirt roads through fields	4	Maintained road ROW; mowing for agricultural purposes	
9	9	8	V-WH-W-10	106.9	PEM	0.04	17.33	Emergent wetland	Depression; swale feature at edge of field	Groundwater discharge and surface runoff	Groundwater discharge and surface runoff to the west	Groundwater Discharge; surface runoff and flow provide wetland with semi-permanent saturation	205	Semi-permanent saturated	Agricultural lands; road ROW; light residential and agricultural infrastructure	122	Maintained road ROW; mowing for agricultural purposes	
10	10, 11	8	V-WH-W-11	107.1	PEM	0.03	17.33	Emergent wetland	Depression feature at edge of road and continues as swale through an agricultural field	Groundwater discharge, surface runoff, and flood flow from stream outside of Study Area	Groundwater discharge, surface runoff, and flood flow from stream flow west	Groundwater discharge, surface runoff, and flood flow provide wetland with permanent saturation and permanently flooded	0	Permanently saturated and Permanently flooded	Agricultural lands, road ROW; naturally vegetated	206	Maintained road ROW; mowing for agricultural purposes	
10	12, 13	9	V-WH-W-4	107.6	PEM	0.02	1.36	Emergent wetland	Depression at the edge of two roads	Groundwater discharge and surface runoff	Groundwater discharge and surface runoff drains to the west	Groundwater discharge and surface runoff provide wetland with semi-permanent saturation	0	Semi-permanently saturated	Naturally vegetated; light residential, agricultural land and road ROW	118	Maintained road ROW	
11	14, 15	10	V-FH-W-21	109.4	PEM/PSS	0.20	6.97	Emergent and scrub-shrub wetland	Depression at the edge of VT-22-A	Surface runoff and stream flow from stream V-FH-S-18	Surface runoff and streamflow from stream V-FH-S-18 drains to the southwest	Surface runoff and streamflow from stream V-FH-S-18 and provides wetland with permanent saturation and permanent flooding	0	Permanently saturated and Permanently flooded	Naturally vegetated; agricultural land and road ROW	0	Maintained road ROW; mowing for agricultural purposes	
12	16, 17	11	V-FH-W-20	109.6	PEM/PSS	0.25	23.93	Emergent and scrub-shrub wetland	Depression at the edge of VT-22-A	Surface runoff; groundwater discharge and stream flow from stream V-FH-S-17	Surface runoff; groundwater discharge and stream flow from stream V-FH-S-17 to the southwest	Surface runoff; groundwater discharge and stream flow from stream V-FH-S-17 provides wetland with permanent saturation and permanent flooding	0	Permanently flooded and permanently saturated	Naturally vegetated; agricultural land and road ROW	0	Maintained road ROW; agricultural field mowing	
12	17, 18	11	V-FH-W-19	109.7	PEM	0.21	23.93	Emergent wetland	Depression at the edge of VT-22-A	Surface runoff; permanently saturated and ponded	Surface runoff; groundwater discharge to the southwest	Surface runoff; groundwater discharge and ponded area provide permanent flooding and inundation	37	Permanently flooded; inundated and permanently saturated	Naturally vegetated; agricultural land and road ROW	0	Maintained road ROW; agricultural field mowing	
12	19	12	V-FH-AW-18	109.9	PEM/PFO	0.05	0.06	Emergent and Forested fringe wetland	Depression at the edge of VT-22-A	Surface runoff	Surface runoff to the west	Surface runoff contributes to semi-permanent saturation	272	Semi-permanently saturated	Naturally vegetated; agricultural land and road ROW	146	Maintained road ROW	
12	20, 21	13	V-FH-W-15	110.2	PEM/PSS	0.25	231.43	Emergent and scrub-shrub wetland	Depression; floodplain wetland; edge of stream	Surface runoff; flood flow from stream V-FH-S-13	Surface runoff, flood flow from stream V-FH-S-13 drains south	Surface runoff contributes to permanent saturation and permanent flooding	0	Permanently saturated; permanently flooded	Naturally vegetated; road ROW	0	Maintained road ROW	

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						Size of Delineated Area in Acres	Size of Wetland Complex in Acres	Natural Community Types Present	Landscape Position	Wetland Hydrology	Direction of Flow	Influence of Hydrology on Wetland Complex	Relation to the Project Area in Feet ⁴	Hydroperiod	Surrounding Landuse of the Wetland Complex	Relation to Other Nearby Wetlands in Feet ⁵	Pre-Project Cumulative Impacts to the Wetland
13	24, 25	13	V-FH-W-4	111.0	PEM / PFO / PSS	1.96	231.43	Emergent, scrub-shrub and forested wetland	Large Depressional feature along US Route 4	Surface runoff; groundwater discharge and stream flow from V-FH-S-5	Surface runoff, groundwater discharge and stream flow from V-FH-S-5; flows north	Surface runoff, groundwater discharge and stream flow from V-FH-S-5; provides wetland with seasonal flooding and permanent saturation	0	Seasonal flooding and permanent saturation	Naturally vegetated road ROW; ATV trail	0	Maintained road ROW
13	26	13	V-FH-W-6	111.1	PEM	0.12	231.43	Emergent wetland	Depression	Surface runoff	Surface runoff drains south	Surface runoff provides wetland with permanent saturation and seasonal flooding	98	Seasonal flooding and permanent saturation	Topographical depression North of US Route 4; man-influenced wetland feature	48	Maintained road ROW
13	22	14	V-FH-W-3	110.8	PEM / PSS	0.05	0.05	Emergent and scrub-shrub wetland	Seep wetland feature	Surface runoff; groundwater discharge and stream flow from stream V-FH-S-4	Surface runoff, stream flow and groundwater discharge drain north	Surface runoff, stream flow and groundwater discharge drain south and provide wetland with seasonally flooding and saturation	243	Permanently saturated and seasonally flooded	Naturally vegetated; road ROW	0	Maintained road ROW
13	23	15	V-FH-W-5	110.8	PEM	0.14	0.17	Emergent wetland	Depression at edge of road	Surface runoff and groundwater discharge	Surface runoff and groundwater discharge flows north	Surface runoff and groundwater discharge provides wetland with seasonally flooding and permanent saturation	122	Seasonally flooded and permanently saturated	Naturally vegetated road ROW	116	ATV trail; road ROW
13	27, 28	16	V-FH-W-9	111.6	PEM / PSS	0.96	29.10	Emergent and scrub-shrub wetland	Depressional wetland feature	Surface runoff; groundwater discharge and stream flow from stream V-FH-S-6	Surface runoff, groundwater discharge and stream flow from stream V-FH-S-6 drains south	Surface runoff, groundwater discharge and stream flow from stream V-FH-S-6 provides wetland with seasonal flooding and permanent saturation	144	Seasonal flooding and permanent saturation	Road ROW; naturally forested	0	Maintained road ROW
15	29	17	V-CN-W-106	113.0	PEM / PSS / PFO	0.12	0.46	Emergent, scrub-shrub and forested wetland	Depressional wetland feature	Surface runoff; groundwater discharge and flow from Lake Bomoseen outside of Study Area	Surface runoff; groundwater discharge and flow from Lake Bomoseen outside of Study Area drains south	Surface runoff; groundwater discharge and flow from Lake Bomoseen provides seasonal flooding and saturation	117	Seasonal flooding and permanent saturation	Road ROW; naturally forested; residential properties	112	Maintained road ROW
15	30	18	V-CN-W-102	113.1	PEM	0.24	84.64	Emergent wetland	Depressional flood fringe wetland feature	Surface runoff and stream flow from V-CN-S-101	Surface runoff; groundwater discharge and flow from stream V-CN-S-101 drains south	Surface runoff; groundwater discharge and flow from stream V-CN-S-101 provide wetland with seasonal flooding and permanent saturation	0	Seasonal flooding and permanent saturation	Road ROW; naturally forested; residential properties	0	Maintained road ROW; residential properties; maintained trail
15	31, 32	18	V-CN-W-103	113.6	PEM / PSS	0.60	84.64	Emergent and scrub-shrub wetland	Depressional wetland feature	Surface runoff and groundwater discharge	Surface runoff and groundwater discharge drains south	Surface runoff and groundwater discharge provides wetland with seasonal flooding and permanent saturation	0	Seasonal flooding and permanent saturation	Road ROW; naturally forested; residential properties	0	Maintained road ROW
15	33	18	V-CN-W-104	113.8	PFO / PEM / PSS	2.73	84.64	Emergent, scrub-shrub and forested wetland	Depressional wetland feature	Surface runoff and groundwater discharge	Surface runoff and groundwater discharge drains south	Surface runoff and groundwater discharge provides wetland with seasonal flooding and permanent saturation	126	Seasonally flooding and permanent saturation	Road ROW; naturally forested; residential properties; and along a school and commercial property	0	Maintained road ROW
16	34	19	V-CN-W-113	114.3	PEM / PSS / PFO	0.69	8.65	Emergent, scrub-shrub and forested wetland	Depressional wetland feature	Surface runoff and groundwater discharge	Surface runoff and groundwater discharge drains south	Surface runoff and groundwater discharge provides wetland with seasonal flooding and permanent saturation	0	Seasonally flooding and permanent saturation	Road ROW; naturally forested; residential properties; and along a school and commercial property	0	Maintained road ROW
16	35	20	V-CN-W-115	114.6	PEM	0.40	10.11	Emergent wetland	Depressional wetland feature	Surface runoff and groundwater discharge	Surface runoff and groundwater discharge drains south	Surface runoff and groundwater discharge provides wetland with seasonal flooding and permanent saturation	490	Seasonally flooding and permanent saturation	Road ROW; naturally forested; residential properties; and along a school and commercial property	319	Maintained road ROW
16	36	21	V-CN-W-116	114.8	PEM, PSS, PFO	0.04	66.12	Emergent, scrub-shrub and forested wetland	Depressional wetland feature	Surface runoff and groundwater discharge	Surface runoff and groundwater discharge drains south	Surface runoff and groundwater discharge provides wetland with seasonal flooding and permanent saturation	423	Seasonally flooding and permanent saturation	Road ROW; naturally forested; residential properties; and along a school and commercial property	97	Maintained road ROW
16	37	21	V-CN-W-10	114.9	PEM/PSS	0.15	66.12	Emergent and scrub-shrub wetland	Depressional wetland feature	Surface runoff and groundwater discharge	Surface runoff and groundwater discharge drains south	Surface runoff and groundwater discharge provides wetland with seasonal flooding and permanent saturation	251	Permanently flooded and saturated	Road ROW; naturally vegetated	0	Maintained road ROW
17	38	22	V-CN-W-11	115.2	PEM/PSS/PFO	0.14	0.56	Emergent, scrub-shrub and forested wetland	Seep wetland feature	Surface runoff and groundwater discharge	Surface runoff and groundwater discharge drains southeast	Surface runoff and groundwater discharge provides wetland with seasonal flooding and permanent saturation	109	Seasonal flooding and permanent saturation	Road ROW; naturally vegetated	164	Maintained road ROW

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17	39	22	V-CN-W-12	115.2	PEM/PSS	0.28	0.56	Emergent and scrub-shrub wetland	Depressional wetland feature	Surface runoff and groundwater discharge; stream V-CN-AS-11 provides floodflow	Surface runoff and groundwater discharge; stream V-CN-AS-11 floodflow and drains south	Surface runoff and groundwater discharge; stream V-CN-AS-11 floodflow provides wetland with permanent saturation and seasonal flooding	0	Seasonal flooding and permanent saturation	Road ROW naturally vegetated; agricultural use	0	Maintained road ROW; agricultural use
17	40, 41, 42	22	V-CN-W-15	115.6	PEM/PSS	0.49	0.56	Emergent and scrub-shrub wetland	Depressional wetland feature along swale in road	Surface runoff and groundwater discharge	Surface runoff and groundwater discharge drains to the southeast	Surface runoff and groundwater discharge provides wetland with seasonal flooding and permanent saturation	141	Seasonal flooding and permanent saturation	Road ROW naturally vegetated	35	Maintained road ROW
17	43	23	V-CN-W-16	115.9	PEM	0.03	152.10	Emergent wetland	Small seep wetland feature	Groundwater discharge	Groundwater discharge flows to the south	Groundwater discharge provides wetland with semi-permanent saturation	71	Semi-permanent saturation	Road ROW; naturally vegetated	0	Maintained road ROW
17	44, 45	23	V-CN-W-17	116.0	PEM/PSS	1.01	152.10	Emergent and scrub-shrub wetland	Depressional wetland feature	Groundwater discharge and surface runoff	Groundwater discharge and surface runoff drains to the south	Groundwater discharge provides wetland with permanent saturation and seasonal flooding	0	Permanent Saturation and Seasonal flooding	Road ROW naturally vegetated	0	Maintained road ROW
18	46, 47	23	V-CN-W-18	116.2	PEM/PFO	0.38	152.10	Emergent and forested wetland	Depressional wetland feature	Groundwater discharge and surface runoff	Groundwater discharge and surface runoff drains south	Groundwater discharge provides wetland with	0	Permanent Saturation and Seasonal flooding	Road ROW naturally vegetated	0	Maintained road ROW
18	48, 49	24	V-CN-W-3/6	116.6	PEM/PSS	0.23	0.36	Emergent and scrub-shrub wetland	Depressional wetland feature	Groundwater discharge and surface runoff	Groundwater discharge and surface runoff drains south	Groundwater discharge provides wetland with semi-permanent saturation	184	Semi-permanent saturation	Road ROW naturally vegetated	168	Maintained road ROW
22	50	25	T-WR-AW-12	121.0	PFO	0.06	0.06	Forested wetland with riparian areas	Roadside ravine	Surface runoff; stream flow	Outflow toward culvert, from north to south	Assumed that geomorphic position provides complex with saturation	163	Assumed Saturated	Rural residential; forested	124	Road shoulder maintenance
27	51, 52, 53, 54, 55, 56, 57	26	T-RU-W4	127.1	PEM/PSS	5.14	75.66	Forested wetland with open areas of emergent roadside wetland (<i>Phragmites australis</i>)	Roadside depression; Otter Creek floodplain	Surface runoff; backwater from Otter Creek; possible runoff from agriculture fields	Outflow north to south and east to west toward river	Location in roadside depression near Otter Creek provides complex with a high water table and seasonal standing water	61	Semi-Permanently Flooded; Saturated	Agriculture; floodplain	0	Road shoulder maintenance; agricultural mowing
29	58, 59	27	T-CL-W7	129.0	PFO/PEM	0.25	0.92	Forested wetland with areas of emergent wetland (<i>Phragmites australis</i>)	Roadside depressions	Surface runoff; groundwater discharge	West to east via culvert	Geomorphic position provides complex with saturation	275	Saturated	Rural residential; agriculture	0	Road shoulder maintenance; lawn mowing
29	60	28	T-CL-W6	129.2	PFO	0.02	0.10	Forested wetland	Forested swale, east of road shoulder	Surface runoff; drainage patterns present	Outflow from east to west	Geomorphic position provides complex with saturation	293	Saturated	Rural residential; agriculture; forested	238	Road shoulder maintenance
30	61	29	T-CL-W1	130.0	PEM	0.06	0.06	Emergent wetland adjacent to roadside; scrub-shrub wetland off-ROW	Roadside depressional wetlands on east side of US 7, along hillslope with northwesterly aspect	Surface runoff; hillside seeps	Downslope along road (south to north)	Surface runoff from road and hillside slopes provide complex with saturation	960	Saturated	Road ROW; transmission line ROW; forested; agriculture	270	Road shoulder maintenance; transmission line maintenance
30	62	30	T-CL-W15	130.4	PEM	0.01	0.30	Emergent wetland dominated by <i>Typha latifolia</i>	Depression	Groundwater discharge; surface runoff	Assumed outflow south to north	Groundwater discharge and drainage patterns provide complex with seasonal flooding	196	Seasonally Flooded	Rural residential; agriculture; forested	9	Road shoulder maintenance; substation maintenance
30	62	30	T-CL-AW-15	130.4	PEM	0.20	0.30	Emergent wetland dominated by <i>Typha latifolia</i>	Depression	Groundwater discharge; surface runoff	Assumed outflow south to north	Groundwater discharge and drainage patterns provide complex with seasonal flooding	196	Seasonally Flooded	Rural residential; agriculture; forested	9	Road shoulder maintenance; substation maintenance
31	63	30	T-CL-AW-25	130.5	PEM	0.08	0.30	Emergent wetland dominated by <i>Typha latifolia</i>	Depression	Groundwater discharge; surface runoff	Assumed outflow south to north	Groundwater discharge and drainage patterns provide complex with seasonal flooding	64	Seasonally Flooded	Rural residential; agriculture; forested	14	Road shoulder maintenance; substation maintenance
31	63, 64	31	T-CL-AW-24	130.6	PEM	0.20	1.80	Assumed emergent wetland from aerials; not verified in field	Depression; toe of roadside slope	Assumed to be groundwater discharge; some surface runoff	Assumed south to north toward river	Assumed that geomorphic position provides complex with saturation and seasonal flooding	0	Saturated	Rural residential; agriculture; forested	0	Substation maintenance

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31	65, 66	32	T-CL-W17	130.7	PEM	0.04	165.82	Primarily scrub-shrub wetland with riparian corridors and streams	Roadside depressions at toe of slope; edge of large riparian complex	Groundwater discharge; surface runoff and stream flow; drainage patterns; forested seeps likely	Assumed south to north toward wetland complex	Groundwater discharge and surface runoff from road provide complex with saturation	0	Saturated	Rural residential; agriculture; forested	0	Road shoulder maintenance
31	67, 68	32	T-CL-AW-18	130.8	PFO	0.45	165.82	Primarily scrub-shrub wetland with riparian corridors and streams	Roadside depressions at toe of slope; edge of large riparian complex	Groundwater discharge; surface runoff and stream flow; drainage patterns; forested seeps likely	Assumed south to north toward wetland complex	Groundwater discharge and surface runoff from road provide complex with saturation	38	Saturated	Rural residential; airport; forested	26	Road shoulder maintenance
31	67, 68	32	T-CL-W18	130.8	PFO	0.02	165.82	Primarily scrub-shrub wetland with riparian corridors and streams	Roadside depressions at toe of slope; edge of large riparian complex	Groundwater discharge; surface runoff and stream flow; drainage patterns; forested seeps likely	Assumed south to north toward wetland complex	Groundwater discharge and surface runoff from road provide complex with saturation	38	Saturated	Rural residential; airport; forested	26	Road shoulder maintenance
31	69	33	T-CL-W20	131.3	PFO	0.06	0.19	Mature forested wetland	Toe of roadside slope	Surface runoff; groundwater discharge	Downslope from roadside	Geomorphic position provides complex saturation	82	Saturated	Forested; rural residential	112	Road shoulder maintenance
32	70, 71, 72, 73	34	T-CL-W22	131.6	PEM	0.78	25.99	Emergent wetland	Large wetland depression associated with stream	Groundwater discharge; surface water inflow; some surface runoff	Unknown	Geomorphic position and stream provide complex with seasonal flooding	67	Seasonally Flooded	Forested; rural residential	0	Road shoulder maintenance
34	74	35	V-SH-W-7	133.9	PEM/PSS	0.04	0.25	Emergent and scrub-shrub wetland	Depressional wetland feature	Groundwater discharge and surface runoff	Groundwater discharge and surface runoff drains toward ditch V-SH-S-11 toward the east	Groundwater discharge and surface runoff provide wetland with semi-permanent saturation	128	Semi-permanent saturation	Road ROW; naturally vegetated	158	Maintained road ROW
34	75, 76	36	V-SH-W-201	134.3	PFO	0.12	0.29	Forested wetland	Depressional wetland feature	Groundwater discharge and surface runoff; stream flow T-SH-S-1	Groundwater discharge, surface runoff and stream flow drains south	Groundwater discharge, surface runoff and stream flow provides wetland with permanent saturation and seasonal flooding	95	Permanent Saturation and Seasonal flooding	Railroad ROW; naturally vegetated	71	Maintained railroad ROW
35	77	37	T-SH-AW8	135.8	PSS	0.10	0.10	Scrub-shrub, riparian corridor surrounded by mowed lawn	Toe of railroad embankment	Groundwater recharge; surface runoff; perennial stream flow (T-SH-S5)	Groundwater and stream flow northeast to southwest	Assumed that geomorphic position and stream provide complex with saturation	180	Assumed Saturated	Forested; rural residential; road and railroad ROWs	163	Lawn mowing; railroad ROW maintenance
35	78, 79	38	T-SH-W9	136.0	PFO	0.21	0.70	Forested wetland with areas of scrub-shrub wetland near railroad ROW	Toe of railroad embankment	Groundwater discharge from seeps; surface water inflow (T-SH-S6); surface runoff	Groundwater and stream flow east to west	Geomorphic position and stream provide complex with saturation and possibly seasonal flooding	303	Saturated and possibly Seasonally Flooded	Forested; rural residential	29	Railroad ROW maintenance
36	80	39	T-SH-W10	136.1	PFO	0.09	0.28	Forested wetlands with drainage patterns; riparian areas present	East of railroad embankment; adjacent to large forested tract	Groundwater discharge; perennial stream flow (T-SH-S7)	Groundwater and stream flow east to west	Geomorphic position, stream flow and drainages provide complex with seasonal flooding	245	Seasonally Flooded	Forested; rural residential	45	Railroad ROW maintenance
36	81, 82	40	T-SH-W13	136.7	PSS	0.27	2.34	Forested wetland with areas of scrub-shrub wetland	Gently sloped depressions on either side of railroad embankment	Groundwater discharge and some surface runoff	Groundwater flow east to west	Geomorphic position provides complex with a high water table and saturation	143	Seasonally Flooded	Forested; rural residential; road and railroad ROWs	0	Railroad ROW maintenance
36	83	41a	T-WA-W3	137.0	PFO	0.15	2.34	Forested wetland with areas of scrub shrub	Side slope feature gently sloped towards the west located east of the railroad	Groundwater discharge and some surface runoff	Groundwater flow east to west	Hillside seep provides wetland with permanent saturation	0	Permanently Saturated	Forested; rural residential; road and railroad ROWs	0	Railroad and road ROW maintenance
37	84, 85	41	T-WA-W4	137.3	PFO	0.20	0.57	Forested wetland	Forested wetland located between toe of railroad embankment to the west and forested hillsides to the east	Groundwater discharge; surface runoff	Multiple intermittent (T-WA-S3, T-WA-S4) and ephemeral drainages flow east to west	Geomorphic position and constricted outflow provide complex with saturation	182	Saturated	Forested; railroad ROW	47	Railroad ROW maintenance
37	86	42	T-WA-W9	137.5	PEM	0.03	0.03	Emergent wetland surrounded by upland forest	Hillside seep wetland east of railroad embankment	Groundwater discharge; surface runoff; intermittent stream flow	Wetland outflow and intermittent stream (T-WA-S6) flow east to west downslope	Hillside seeps and stream provide complex with saturation	80	Saturated	Forested; railroad ROW; transmission line ROW	16	Railroad ROW maintenance
37	86	43	T-WA-W10	137.5	PEM	0.02	0.03	Emergent wetland surrounded by upland forest	Isolated hillside seep adjacent to upland forest and east of railroad embankment	Groundwater discharge; surface runoff	Wetland outflow east to west downslope	Hillside seep provides terrace with saturation	68	Saturated	Forested; railroad ROW; transmission line ROW	16	Railroad ROW maintenance

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						Size of Delineated Area in Acres	Size of Wetland Complex in Acres	Natural Community Types Present	Landscape Position	Wetland Hydrology	Direction of Flow	Influence of Hydrology on Wetland Complex	Relation to the Project Area in Feet ⁴	Hydroperiod	Surrounding Landuse of the Wetland Complex	Relation to Other Nearby Wetlands in Feet ⁵	Pre-Project Cumulative Impacts to the Wetland
37	87	44	V-WA-AW-106	137.9	PSS	0.16	0.16	Scrub-shrub wetland	Depressional floodplain wetland	Groundwater discharge and surface runoff and floodflow from V-WA-S-103	Groundwater discharge and surface runoff and floodflow from river drains south	Groundwater discharge and surface runoff and floodflow from river drains south and provides wetland with permanent saturation and seasonal flooding	21	Permanent saturation and seasonal flooding	Located to the west of VT 103; naturally vegetated	285	Maintained road ROW
37	88	45	V-WA-W-105	138.0	PSS/ PFO	0.00	0.20	Scrub-shrub and forested wetland	Depressional floodplain wetland	Groundwater discharge; surface runoff and floodflow	Groundwater discharge and surface runoff and floodflow from river drains southwest	Groundwater discharge, surface runoff, and floodflow from river drains south and provides wetland with permanent saturation and seasonal flooding	31	Permanent Saturation and Seasonal flooding	Located to the east of VT 103; naturally vegetated	115	Maintained road ROW
37	88, 89	46	V-WA-AW-104	138.0	PSS	0.04	0.35	Scrub-shrub wetland	Depressional floodplain wetland	Groundwater discharge; surface runoff; floodflow	Groundwater discharge; surface runoff; floodflow drains to the west	Groundwater discharge; surface runoff; floodflow provides wetland with seasonal flooding and permanent saturation	98	Seasonal flooding and permanent saturation	Road ROW; naturally vegetated; light residential properties	116	Maintained road ROW
37	89	46	V-WA-W-102	138.1	PEM/ PSS	0.00	0.35	Emergent and scrub-shrub wetland	Depressional floodplain wetland	Groundwater discharge; surface runoff; floodflow	Groundwater discharge; surface runoff; floodflow drains to the west	Groundwater discharge; surface runoff; floodflow provides wetland with seasonal flooding and permanent saturation	75	Seasonal flooding and permanent saturation	Road ROW; naturally vegetated; light residential properties	48	Maintained road ROW
37	89	46	V-WA-AW-102	138.1	PEM/ PSS	0.08	0.35	Emergent and scrub-shrub wetland	Depressional	Groundwater discharge; surface runoff; floodflow	Groundwater discharge; surface runoff; floodflow drains to the west	Groundwater discharge; surface runoff; floodflow provides wetland with seasonal flooding and permanent saturation	75	Seasonal flooding and permanent saturation	Road ROW; naturally vegetated; light residential properties	48	Maintained road ROW
38	90, 91, 92	47	V-WA-W-101	138.5	PEM/ PFO	0.05	0.87	Emergent and forested wetland	Depressional floodplain wetland	Groundwater discharge and surface runoff	Groundwater discharge and surface runoff drains south	Groundwater discharge and surface runoff provides wetland with semi permanent saturation and seasonal flooding	50	Semi-permanent saturation and seasonal flooding	Located to the northwest of VT 103 in topographical depression	137	Maintained road ROW
38	93, 94	48	T-MH-W55	138.8	PSS	0.01	0.52	Scrub-shrub wetland bordered by field to the north and forest to the south	Seasonally flooded wetlands on either side of road; associated with two intermittent streams; connected by culverts	Groundwater discharge; intermittent stream flow (T-MH-S39, V-MH-S-100); surface runoff	Wetland outflow north to south	Groundwater discharge, stream flow and surface runoff provide complex with seasonal flooding	66	Seasonally Flooded	Rural residential; forested	197	Road shoulder maintenance; driveways; lawn mowing
38	93, 94	48	T-MH-AW-55	138.8	PEM/PFO	0.51	0.52	Scrub-shrub wetland bordered by field to the north and forest to the south	Seasonally flooded wetlands on either side of road; associated with two intermittent streams; connected by culverts	Groundwater discharge; intermittent stream flow (T-MH-S39, V-MH-S-100); surface runoff	Wetland outflow north to south	Groundwater discharge, stream flow and surface runoff provide complex with seasonal flooding	66	Seasonally Flooded	Rural residential; forested	197	Road shoulder maintenance; driveways; lawn mowing
38	95	49	T-MH-W56	139.0	PEM	0.01	0.15	Emergent wetland associated with farm pond	Depression with drainage patterns	Assumed to be groundwater discharge and surface runoff	Outflow toward culvert via jurisdictional ditch, northeast to southwest	Assumed that off-ROW wetland drains toward the road where it creates saturation	53	Saturated	Rural residential; agriculture	60	Road shoulder maintenance; lawn mowing
38	96, 97	50	T-MH-W53 NORTH	139.2	PFO	0.01	13.61	Forested wetland with areas of open field; riparian wetlands to the south	Gently sloped depressional wetlands on either side of road; riparian ravine south of road	Groundwater discharge; surface runoff; perennial/ephemeral stream flow; ditch flow	Wetland outflow north to south toward river	Geomorphic position creates saturated conditions and possible semi-permanent flooding	22	Saturated and possibly Semi-Permanently Flooded	Forested; rural residential; agriculture	1	Road shoulder maintenance
38	98, 99	51	T-MH-W50	139.4	PEM/PSS	0.12	0.6	Forested and scrub-shrub wetlands with areas of emergent wetland along road	Roadside shallow depressions with drainage patterns that drain south via culverts toward VSWI riparian complex	Surface runoff; drainage patterns	North to south toward road culverts and VSWI complex	Surface runoff from hillsides and road provide complex with saturation	0	Saturated	Road ROW; residential; naturally vegetated	70	Road shoulder maintenance
39	100	52	T-MH-AW-73	139.8	PEM	0.04	1.18	Assumed emergent wetland; not verified in field	Gently sloped depression	Assumed to be groundwater discharge; not verified in the field	North to south toward an unnamed tributary to Mill River, opposite road	Assumed that high water table contributes to saturated conditions	9	Assumed Saturated	Forested; rural residential	28	Road shoulder maintenance; driveways
39	101, 102, 103, 104	53	T-MH-W45	140.1	PSS/PEM	0.19	0.51	Scrub-shrub wetland	Roadside swale below forested slopes in north; hillside to south	Surface runoff; hillside seeps	Wetland outflow drains into culverts to south side of road	Runoff from road, steep slopes and a constricted outlet provide complex with saturation	37	Saturated	Forested; rural residential	61	Road shoulder maintenance
39	105, 106	54	T-MH-W41	140.4	PEM	0.06	0.44	Emergent wetland; transitions to forested and scrub-shrub wetland outside road ROW	Roadside depressions on both sides of road	Surface runoff	North to south via culvert	Surface runoff from road and hillside slopes provide complex with saturation	69	Saturated	Forested	45	Road shoulder maintenance

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						Size of Delineated Area in Acres	Size of Wetland Complex in Acres	Natural Community Types Present	Landscape Position	Wetland Hydrology	Direction of Flow	Influence of Hydrology on Wetland Complex	Relation to the Project Area in Feet ⁴	Hydroperiod	Surrounding Landuse of the Wetland Complex	Relation to Other Nearby Wetlands in Feet ⁵	Pre-Project Cumulative Impacts to the Wetland
39	107, 108	55	T-MH-W38	140.6	PSS/PFO	0.02	0.50	Scrub-shrub wetlands; forested wetlands and small lawn area to south	Several roadside wetlands north of road; connected by jurisdictional ditches; drain under road to contiguous wetland at toe of roadside slope	Surface runoff; stream flow; groundwater discharge	Wetland outflow north to south through culverts towards large wetland complex	Geomorphic position and ephemeral drainages provide complex with saturation	119	Saturated	Forested; rural residential	82	Road shoulder maintenance; lawn mowing
39	109	55	T-MH-W37	140.7	PSS	0.01	0.50	Scrub-shrub wetlands; forested wetlands and small lawn area to south	Several roadside wetlands north of road; connected by jurisdictional ditches; drain under road to contiguous wetland at toe of roadside slope	Surface runoff; stream flow; groundwater discharge	Wetland outflow north to south through culverts towards large wetland complex	Geomorphic position and ephemeral drainages provide complex with saturation	278	Saturated	Forested; rural residential	82	Road shoulder maintenance
40	110, 111	56	T-MH-W33	141.1	PSS	0.02	0.74	Scrub-shrub wetland; areas of open field present	Roadside depressions on either side of road; in valley	Surface runoff	North to south	Geomorphic position and surface runoff provide complex with saturation	73	Saturated	Forested; rural residential	11	Road shoulder maintenance; open field; driveways
41	112, 113, 114	57	T-MH-W28	141.6	PSS	0.11	3.93	Scrub-shrub wetland complex; areas of field (partially mowed) to north; may connect to large riparian complex south of railroad via culverts; connection not verified in field	Large, gently sloped depression	Groundwater discharge; stream flow; surface runoff	North to south	Geomorphic position and conveyances provide complex with seasonal flooding	0	Seasonally Flooded	Forested; rural residential	0	Road shoulder maintenance; railroad ROW maintenance
41	114, 115	58	T-MH-AW-69	141.6	PSS	0.01	116.54	Emergent and Scrub-shrub wetlands associated with large floodplain wetland	Subject wetlands occur in highly fragmented area near the northern perimeter of a large floodplain wetland complex	Surface runoff; groundwater discharge; floodflow and stream flow; off-ROW hillside seeps (north) and groundwater discharge (south) likely	North to south toward large VSWI wetland complex	Steep slopes, streams and conveyances provide complex with high water table	27	Areas of Saturation, Seasonal Flooding, and Semi-Permanent Flooding	Naturally vegetated; road ROWs; railroad ROW	0	Road shoulder maintenance; railroad ROW maintenance
41	115, 116	58	T-MH-AW-70	141.7	PSS	0.04	116.54	Scrub-shrub wetland associated with large floodplain wetland	Subject wetland is highly fragmented located to the north of the railroad; bisected by the railroad ROW	Surface runoff; groundwater discharge; off-ROW surface runoff from road and railroad ROW	North to south toward large VSWI wetland complex	Steep slopes from road and railroad ROW provide wetland with semi-permanent saturation	20	Permanent Saturation and Seasonal flooding	Naturally vegetated ROW; railroad ROW	0	Road shoulder maintenance; railroad ROW maintenance
41	117	58	T-MH-AW-24-South	142.3	PEM	0.22	116.54	Emergent and Scrub-shrub wetlands associated with large floodplain wetland	Subject wetlands occur in highly fragmented area near the northern perimeter of a large floodplain wetland complex	Surface runoff; groundwater discharge; floodflow and stream flow; off-ROW hillside seeps (north) and groundwater discharge (south) likely	North to south toward large VSWI wetland complex	Steep slopes, streams and conveyances provide complex with high water table	91	Areas of Saturation; Seasonal Flooding; and Semi-Permanent Flooding	Naturally vegetated; road ROWs; railroad ROW	16	Road shoulder maintenance; railroad ROW maintenance
41	118	58	T-MH-W23	142.5	PEM/PSS	0.01	116.54	Emergent and Scrub-shrub wetlands associated with large floodplain wetland	Subject wetlands occur in highly fragmented area near the northern perimeter of a large floodplain wetland complex	Surface runoff; groundwater discharge; floodflow and stream flow; off-ROW hillside seeps (north) and groundwater discharge (south) likely	North to south toward large VSWI wetland complex	Steep slopes, streams and conveyances provide complex with high water table	101	Areas of Saturation, Seasonal Flooding, and Semi-Permanent Flooding	Naturally vegetated; road ROWs; railroad ROW	1	Road shoulder maintenance; railroad ROW maintenance
41	118	58	T-MH-AW-23	142.5	PEM/PSS	0.29	116.54	Emergent and Scrub-shrub wetlands associated with large floodplain wetland	Subject wetlands occur in highly fragmented area near the northern perimeter of a large floodplain wetland complex	Surface runoff; groundwater discharge; floodflow and stream flow; off-ROW hillside seeps (north) and groundwater discharge (south) likely	North to south toward large VSWI wetland complex	Steep slopes, streams and conveyances provide complex with high water table	101	Areas of Saturation; Seasonal Flooding; Semi-Permanent Flooding	Naturally vegetated; road ROWs; railroad ROW	1	Road shoulder maintenance; railroad ROW maintenance
42	119	59	T-MH-W20	142.8	PEM/PSS	0.03	0.23	Emergent wetland with areas of scrub-shrub wetland	Isolated depressions bound by road, railroad and driveways; connected via culverts	Surface runoff from road and railroad; ditch flow	North to south	Surface runoff from paved surfaces and lawn collects in ditch and deposits via culvert south of VT 103, perpendicular to the railroad embankment, providing the complex with seasonal flooding	350	Seasonally Flooded	Road and railroad ROWs; residential; naturally vegetated	30	Road shoulder maintenance; residential development
42	120	60	T-MH-AW-66	143.6	PFO	0.11	0.11	Forested wetlands with riparian corridors	Roadside depression wetlands on both sides of VT 103, connected via culverted stream, draining to perennial stream and VSWI complex to the south	Surface runoff; stream flow (T-MH-AS-42); hillside seeps	North to south via culvert	Assumed that surface runoff and hillside seeps provide roadside areas with saturation, drainages and streams channelize flow toward VSWI complex to south	330	Assumed Saturated	Road ROW; rural residential; forested; railroad ROW	95	Road shoulder maintenance

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43	121	61	T-MH-W11	144.4	PSS	0.00	0.08	Scrub-shrub wetland	Hillslope leading to depression; northeasterly aspect	Ephemeral stream; surface runoff; groundwater discharge	South to north	Surface runoff provides complex with saturation	133	Saturated	Rural residential; transmission line ROW; forested	16	Lawn mowing
43	122	62	T-MH-W9	144.6	PSS	0.02	1.35	Scrub-shrub wetland	Toe of roadside slope leading to a depression	Surface runoff; intermittent stream flow (T-MH-S-16); groundwater recharge	West to east via culvert toward VSWI wetland	Geomorphic position provides complex with a high water table	98	Seasonally Flooded	Road ROW; transmission line ROW; rural residential; forested	0	Road shoulder maintenance; transmission line maintenance; residential dumping
43	122, 123	62	T-MH-AW-9	144.6	PSS	0.38	1.35	Scrub-shrub wetland	Toe of roadside slope leading to a depression	Surface runoff; intermittent stream flow (T-MH-S-16); groundwater recharge	West to east via culvert toward VSWI wetland	Geomorphic position provides complex with a high water table	98	Seasonally Flooded	Road ROW; transmission line ROW; rural residential; forested	0	Road shoulder maintenance; transmission line maintenance; residential dumping
46	124	63	T-LU-W13	147.9	PEM	0.26	0.51	Emergent wetland	Network of fragmented roadside wetlands (depressional) connected by culverts	Surface runoff; groundwater seeps; intermittent stream flow (T-LU-S3)	Northwest to southeast	Geomorphic position and barriers to flow provide complex with a high water table	15	Seasonally Flooded	Lawn; forested; commercial development	240	Road shoulder maintenance; lawn mowing; driveways

¹ Listed in order from west to east.

² Mile post data from TRC 10/31/2014.

³ Cowardin Classifications (Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of Wetlands and Deepwater Habitat of the United States.) PEM - Palustrine emergent wetland PSS - Palustrine scrub shrub wetland PFO - Palustrine forested wetland

⁴ Relation to the Project Area represents the distance between the wetland in the Project area and any nearby surface waters and is determined by using mapped VHB/TRC stream layers, VCGI Waterbodies, and VHD Streams.

⁵ Relation to Other Nearby Wetlands is the distance between the subject wetland and closest mapped VHB/TRC wetland or VSWI wetland.