

Valhalla Brandywine

Comparison Calculations of Incursions between TCA Report and Boundary & Topographic Field Survey

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<u>Slopes 15% to 20%</u>				<u>Slopes Greater than 20%</u>				<u>Hydric Soils</u>				<u>Riparian Buffers</u>				<u>VB Proposed Buffer</u>			
S15	TCA Measured Impact	Valhalla Actual	Diff %	S20	TCA Measured Impact	Valhalla Actual	Diff %	HS	TCA Measured Impact	Valhalla Actual	Diff %	RB	TCA Measured Impact	Valhalla Actual	Diff %	PB	TCA Measured Impact	Valhalla Actual	Diff %
1	0.17	0.00	(100.00%)	1	0.44	0.00	(100.00%)	1*	0.07	0.00	(100.00%)	1*	0.09	0.09	(4.44%)	1*	0.08	0.03	(65.00%)
2	0.14	0.00	(100.00%)	2	0.19	0.02	(88.42%)	2**	0.43	0.05	(88.37%)	2**	0.11	0.00	(100.00%)	2**	0.03	0.03	0.00%
3	0.11	0.03	(73.64%)	3*	0.07	0.03	(57.14%)	TOTAL	0.50	0.05	(90.00%)	TOTAL	0.20	0.09	(55.00%)	3**	0.07	0.07	2.86%
4	0.21	0.00	(100.00%)	4*	0.16	0.00	(100.00%)	*Ex. Tennis Court	0.07	0.00	(100.00%)	* Ex. Tennis Court	0.09	0.09	(0.00%)	4**	0.02	0.02	(20.00%)
5*	0.34	0.06	(82.06%)	5*	0.03	0.03	0.00%	**Cartpath	0.43	0.05	(88.37%)	**Ex. Kennels	0.11	0.00	(100.00%)	5***	0.30	0.00	(100.00%)
6*	0.29	0.03	(90.00%)	6	0.01	0.00	(100.00%)	Total Incursions	2	1	(50.00%)	Total Incursions	2	1	(50.00%)	I	0.08	0.03	(65.00%)
7	0.18	0.00	(100.00%)	7	0.14	0.00	(100.00%)									FRR	0.42	0.12	(71.90%)
8	0.44	0.00	(100.00%)	8	0.25	0.11	(56.00%)									TOTAL	0.50	0.15	(70.00%)
9	0.26	0.02	(93.85%)	9	0.37	0.04	(90.00%)									*Ex. Boathouse Pad	0.08	0.03	(62.50%)
10	0.17	0.06	(64.71%)	10	0.80	0.17	(78.50%)									**Ex. Tennis Court	0.12	0.02	(83.33%)
11	0.20	0.00	(100.00%)	11	0.01	0.00	(100.00%)									***Kennel/Cart Park	0.30	0.00	(100.00%)
12	0.17	0.00	(100.00%)	12	0.01	0.00	(100.00%)									Total Incursions	5	4	(20.00%)
13	0.07	0.00	(100.00%)	13**	0.62	0.10	(83.87%)												
14*	0.07	0.00	(100.00%)	I	2.02	0.40	(80.20%)												
15*	0.03	0.00	(100.00%)	FRR	1.08	0.10	(90.74%)												
16*	0.01	0.00	(100.00%)	TOTAL	3.10	0.50	(83.87%)												
17*	0.01	0.00	(100.00%)	*Ex. Trails	0.26	0.06	(76.92%)	HWT	TCA Measured Impact	Valhalla Actual	Diff %	Totals	TCA Measured Impact	Valhalla Actual	Diff %				
18*	0.63	0.09	(85.71%)	**Cart /Log Trail	0.62	0.10	(83.87%)	1	0.15	0.15	0.00%	S15	6.56	0.51	(92.22%)				
19*	0.10	0.00	(100.00%)	Prop. Structures	2.22	0.35	(84.23%)	2	0.30	0.30	0.00%	S20	3.10	0.50	(83.87%)				
20*	0.04	0.00	(100.00%)	Total Incursions	13	7	(46.15%)	3	0.25	0.25	0.00%	HS	0.50	0.05	(90.00%)				
21*	0.07	0.00	(100.00%)					4*	0.60	0.27	(54.50%)	RB	0.20	0.09	(55.00%)				
22*	0.17	0.00	(100.00%)					TOTAL	1.30	0.97	(25.15%)	PB	0.50	0.15	(70.00%)				
23*	0.72	0.00	(100.00%)					*Cartpath	0.60	0.27	(55.00%)	HWT	1.30	0.97	(25.15%)				
24*	0.08	0.03	(58.75%)					Prop. Structures	0.70	0.70	(0.00%)	TOTAL	12.16	2.27	(81.33%)				
25*	0.05	0.00	(100.00%)					Total Incursions	4	4	(0.00%)	Total w/o HWT	10.86	1.30	(88.03%)				
26*	0.03	0.00	(100.00%)									Trail/Cartpath	6.35	0.87	(85.55%)				
27*	0.01	0.00	(100.00%)									Ex. Structures	0.77	0.24	(68.83%)				
28*	0.01	0.00	(100.00%)									Prop. Structures	5.04	1.16*	(76.98%)				
29*	0.44	0.14	(67.95%)									Total Incursions	61	27	(55.74%)				
30*	0.20	0.00	(100.00%)																
31*	0.21	0.00	(100.00%)																
32*	0.37	0.00	(100.00%)																
33*	0.02	0.00	(100.00%)																
34*	0.23	0.02	(93.48%)																
35*	0.31	0.04	(88.71%)																
I	2.00	0.20	(90.00%)																
FRR	4.56	0.31	(93.20%)																
TOTAL	6.56	0.51	(92.22%)																
*Trail/Cartpath	4.44	0.40	(90.99%)																
Prop. Structures	2.12	0.11	(94.81%)																
Total Incursions	35	10	(71.43%)																

*Includes 0.70 acres for seasonally high water table soils

Legend

- I District Calculation
- FRR District Calculations
- Feature Totals