

**APPENDIX D
PONDNET MODEL SUMMARY**

Pond	Mean Depth (Feet)	Surface Area at Normal Level (Acres)	Wet Pond Volume (Ac-Ft)	Direct Watershed T.P. Removal (%)
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Riverview Tunnel				
RW7P- Mud Lake	1.5	4.4	6.6	48
RW24P- Lily Lake	3.0	6.4	19.2	61

Ivy Falls Creek				
IF1AP	1.5	4.4	6.6	43
IF1BP	0.0	1.3	0.0	0

Simons Ravine				
SR1P	3.0	1.5	4.6	59
SR4P- Marthaler Pond	3.0	4.5	13.4	52
SR6AP	1.5	0.9	1.3	41
SR6BP	1.5	0.1	0.2	32
SR7P	2.5	0.3	0.6	52
SR9P	3.0	0.8	2.4	62
SR10P	3.0	0.6	1.8	62
SR13P- Wentworth Pond	2.0	6.2	12.5	32
SR15P	1.5	2.6	4.0	50
SR19P- Thompson Lake	3.0	7.3	22.0	52
SR18AP- S. Emerson Pond	3.0	2.8	8.3	18
SR18BP- N. Emerson Pond	3.2	0.8	2.5	6
SR23P	1.5	0.6	0.9	48

Valley Creek (Marie)				
MR2P	3.0	5.2	15.7	50
MR3P	1.5	4.7	7.0	36
MR4P	1.5	1.6	2.4	29
MR11P	1.5	2.1	3.1	36
MR9P	0.0	10.1	0.0	0
MR8P	3.0	2.9	8.7	45

Valley Creek (Delaware/110)				
D10-7P	2.5	0.4	1.1	57
D10-10P	1.5	0.7	1.1	42
D10-19P	0.8	2.5	1.9	24
D10-27P	1.5	1.1	1.7	52

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Highway 110-494				
A13P	1.5	1.1	1.6	21
A16AP	1.5	0.5	0.8	48
A1P	0.0	1.6	0.0	0
A2P	2.5	2.5	6.3	50
A4P	3.0	2.5	7.4	48
A7P	3.0	1.7	5.0	44
A21P	2.5	0.2	0.5	36
P1AP	3.0	0.2	0.5	44
P1BP	3.0	0.2	0.7	50
P2AP	3.0	0.2	0.5	30
P2BP	0.8	0.7	0.5	17
2PCP	3.0	0.8	2.3	31
T6P	3.0	0.3	1.0	51
T7P	3.0	0.6	1.7	44
Wentworth Street				
W1P	2.5	2.0	4.9	47