

APPENDIX C

Site Ranking Components and Derivation

Upper Patuxent River Watershed Restoration Action Strategy Site Ranking Components

RANKING COMPONENTS		Low Score → Bad Candidate - Low Priority High Score → Good Candidate - High Priority
Catchment		Scoring
1	Basin Condition Score	0.0 - <150, 0.1 - 151-175, 0.2 - 176-200, 0.3 - 201-215, 0.4 - 216-230, 0.5 - 231-240, 0.6 - 241-250, 0.7 - 251-260, 0.8 - 261-270, 0.9 -271-280, 1.0 -281-290, 1.1 -291-300, 1.2 - >301
2	Catchment Percent Impervious	0.0 - 0-10, 0.1 - 11-20, 0.2 - 21-30, 0.3 - 31-40, 0.4 - 41-50, 0.5 - 51-60, 0.6 - 61-70, 0.7 - 71-80, 0.8 - 81-90, 0.9 - 91-100
3	WQ _v	0.0 - 0.00-0.10, 0.1 - 0.11-0.25, 0.2 - 0.25-0.50, 0.3 - 0.51-0.75, 0.4 - 0.76-1.00, 0.5 - >1.00
4	Re _v	0.0 - 0.000-0.010, 0.1 - 0.011-0.050, 0.2 - 0.051-0.100, 0.3 - 0.101-0.200, 0.4 - 0.201-0.500, 0.5 - >0.500
5	Predominant Land Use	0.0 - Forest, 0.1 - Meadow, Pasture, Open Space or Crop Land, 0.2 - Single Family (~12-38% impervious), 0.3 - Town Houses (~65% impervious), 0.4 - Industrial, school or apartments (~72% impervious), 0.5 - Commercial (~85% impervious)
6	Depth to Ground Water	0.0 - 0-1 ft, 0.1 - 1-2 ft, 0.2 - 2-3 ft, 0.3 - >3 ft
7	Sanitary System Type	0 - Sewered, 0.1 - Septic
8	Water Supply Type	0 - Public, 0.1 - Well
9	Area Drained by Storm Drain System	0.0 - 0-25, 0.1 - 26-50, 0.2 - 51-75, 0.3 - 76-100
10	Percentage of Storm Drain System that is Piped	0.0 - 0-25, 0.1 - 26-50, 0.2 - 51-75, 0.5 - 76-100
11	Percentage of Open Channels that is Not Concrete	0.0 - 76-100, 0.1 - 51-75, 0.2 - 26-50, 0.3 - 0-25, 0.4 - No Open Channels Exist
12	Location of System In Catchment	0.0 - No system, 0.1 - Lower portion only, 0.2 - Middle portion only, 0.3 - Lower and Middle portion only or Upper portion only, 0.4 - Lower and Upper portion only or Upper and Middle portion, 0.5 - All
13	Type of Existing Treatment	0.0 - SWM designed to 2000 Regulations or LID, 0.1 - Wet Pond, 0.3 - Dry Pond, 0.5 - No SWM
14	Percent of Catchment Treated	0.0 - 91-100, 0.1 - 76-90, 0.2 - 51-75, 0.3 - 26-50, 0.4 - 11-25, 0.5 - 0-10 or no treatment provided
15	Treatment Provided (WQ _v , Rev C _{pv})	0.0 - Treatment provided for all three, 0.1 - Treatment provided for two, 0.2 - Treatment provided for one, 0.5 - No treatment provided or unknown
Site		Scoring
16	Site Ownership	0.0 - Individual, 0.3 - Homeowner's Association, 0.4 - Residential Rental Property Owner, 0.5 - Commercial / Industrial Property Owner, 0.7 - Institutional, 1.0 - Government (including schools)
17	Site Percent Impervious	0.0 - 0-10, 0.1 - 11-20, 0.2 - 21-30, 0.3 - 31-40, 0.4 - 41-50, 0.5 - 51-60, 0.6 - 61-70, 0.7 - 71-80, 0.8 - 81-90, 0.9 - 91-100
18	WQ _v	0.0 - 0.00-0.10, 0.1 - 0.11-0.25, 0.2 - 0.25-0.50, 0.3 - 0.51-0.75, 0.4 - 0.76-1.00, 0.5 - >1.00
19	Re _v	0.0 - 0.000-0.010, 0.1 - 0.011-0.050, 0.2 - 0.051-0.100, 0.3 - 0.101-0.200, 0.4 - 0.201-0.500, 0.5 - >0.500
20	Storm Drainage Type	0.0 - 0-10% Piped, 0.1 - 11-25% Piped, 0.2 - 26-50% Piped, 0.3 - 51-75% Piped, 0.5 - 76-100% Piped
21	Type of Existing Treatment	0.0 - SWM designed to 2000 Regulations or LID, 0.1 - Wet Pond, 0.3 - Dry Pond, 0.5 - No SWM
22	Percent of Site Treated	0.0 - 91-100, 0.1 - 76-90, 0.2 - 51-75, 0.3 - 26-50, 0.4 - 11-25, 0.5 - 0-10 or no treatment provided
23	Treatment Provided (WQ _v , Rev C _{pv})	0.0 - Treatment provided for all three, 0.1 - Treatment provided for two, 0.2 - Treatment provided for one, 0.5 - No treatment provided or unknown
24	Type of Pavement	0.0 - None, 0.2 - Pervious, 0.5 - Impervious
25	Pavement Condition	0.0 - Excellent, 0.1 - Good, 0.2 - Average, 0.3 - Fair, 0.4 - Poor
26	Underdrains Could be Installed	0.0 - No, 0.3 - Yes
27	Roof Directly Connected to Storm Drain	0.0 - No, 0.5 - Yes
28	Roof Drains to Impervious Area	0.0 - No (or roof connected directly to storm drain), 0.3 - Yes
29	Drainage Problems	0.0 - None, 0.1 - Limited, 0.2 - Average, 0.3 - Moderate, 0.4 - Extensive
30	Steep Slopes Present	0.0 - Extensive, 0.1 - Moderate, 0.2 - Average, 0.3 - Limited, 0.4 - None
31	Existing Landscaping	0.0 - Extensive, 0.1 - Moderate, 0.2 - Average, 0.3 - Limited, 0.4 - None
32	Mature / Specimen Trees	0.0 - Extensive, 0.1 - Moderate, 0.2 - Average, 0.3 - Limited, 0.4 - None
33	Area Available for Aboveground BMPs	0.0 - None, 0.2 - Limited, 0.4 - Average, 0.6 - Moderate, 0.8 - Extensive
34	Existing Cover for Potential BMP Sites	0.0 - Pavement and Other Impervious, 0.2 - Landscaped, 0.4 - Gravel and Other Pervious, 0.8 - Grass (average if multiple cover is identified)
35	Islands Present	0.0 - No, 0.5 - Yes
36	Curb Present Around Island	0.0 - No, 0.3 - Yes
37	Ground Level of Island Relative to Pavement	0.0 - Above, 0.1 - Equal, 0.2 - Below
38	Island Landscaping	0.0 - Trees > 6 in. DBH, 0.2 - Trees 2-6 in. DBH, 0.4 - Trees < 2 in.DBH or No Trees Present
39	Trees Have Sufficient Spacing to Allow IMPs	0.0 - No, 0.3 - Yes or No Trees Present
40	Parking Area that Can Be Directed to Potential Treatment	0.0 - 0-10, 0.1 - 11-20, 0.2 - 21-30, 0.3 - 31-40, 0.4 - 41-50, 0.5 - 51-60, 0.6 - 61-70, 0.7 - 71-80, 0.8 - 81-90, 0.9 - 91-100