UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 1 -- Catchment Information

Subwatershed: Tributary 6

Location of Catchment Centroid on ADC Map: Year: 2001 Page: 4 Grid: H8
State Plane Coordinates of Outfall Location: X: 1356054 Y: 511070
Closest Road Intersection to Outfall: Laurel Bowie Road and Montpelier Drive
Outfall SDI ID or Outfall Description: no SDI - drains to stream south of property
Objective: Demonstration / Impairment(s) (Sheet 1)

Drainage Area (ac): 17.4 Impervious Area (ac): 3.6
Percent Impervious: 21% Soil Recharge Factor (S): 0.13
WQv (required): 0.34 Rev (required): 0.04
Predominant Land Use: school/parking Mean Depth to Ground Water: 1-2ft (50%); >=5ft (!)
Sanitary System: □ Septic ☑ Municipal Sewer Water Supply: □ On Site Well ☑ Public Water

Storm Drainage System Within Catchment
Piped: 100% Open Channels: 0%
Area Drained by System: 100%
Location in Catchment: □ Headwaters □ Middle □ Lower ☑ All
Open Channel Lining- Vegetation: 0% Riprap: 0% Concrete: 0% Other: 0%

Existing IMP(s) / BMP(s)
SDI ID: Type (number from Sheets 4 & 5): Age:
Closest Road Intersection to IMP / BMP:

Catchment Area Treated (ac) : Percentage Catchment Treated:
WQv Provided: □ YES □ NO Rev Provided: □ YES □ NO Cp Provided: □ YES □ NO

SDI ID: Type (number from Sheets 4 & 5): Age:
Closest Road Intersection to IMP / BMP:

Catchment Area Treated (ac) : Percentage Catchment Treated:
WQv Provided: □ YES □ NO Rev Provided: □ YES □ NO Cp Provided: □ YES □ NO

SDI ID: Type (number from Sheets 4 & 5): Age:
Closest Road Intersection to IMP / BMP:

Catchment Area Treated (ac) : Percentage Catchment Treated:
WQv Provided: □ YES □ NO Rev Provided: □ YES □ NO Cp Provided: □ YES □ NO
CATCHMENT SUMMARY

<table>
<thead>
<tr>
<th>WQ, (provided):</th>
<th>Re, (provided):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area Treated (ac):</td>
<td>Impervious Area Treated (ac):</td>
</tr>
<tr>
<td>Area Treated (%):</td>
<td>Impervious Area Treated (%):</td>
</tr>
</tbody>
</table>

Comments

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UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 2 -- Site Information

Site Name: Deerfield Run E.S. and Community Cntr.  Address: 13000 Laurel Bowie Road, Laurel MD, 20708
Site Owner: Board of Education

State Plane Coordinates of Site Centroid: X: 1356088  Y: 511208  Date: 4/15/03

Personnel: PM  Weather: sunny, 80F deg

Area (ac): 13.7 Impervious Area (ac): 2.9

Percent Impervious: 21% Soil Recharge Factor (S): 0.13

WQv (required): 0.27 Rev (required): 0.04

Property Area (ac): 22.8 Property Area Included in Site: 60%

Amount of Catchment Occupied by Site: 79%

Storm Drainage System Within Site

Piped: 100%  Open Channels: 0%  Area Drained by System: 95%

Open Channel Lining - Vegetation: 0%  Riprap: 0%  Concrete: 0%  Other: 0%

Existing IMP(s) / BMP(s) (Indentified on Page 1, FORM 1, Catchment Information)

SDI ID:  Condition: ☐ Excellent  ☐ Good  ☐ Average  ☐ Fair  ☐ Poor
SDI ID:  Condition: ☐ Excellent  ☐ Good  ☐ Average  ☐ Fair  ☐ Poor
SDI ID:  Condition: ☐ Excellent  ☐ Good  ☐ Average  ☐ Fair  ☐ Poor

Site Information

Type of Pavement: ☑ Bituminous  ☐ Concrete  ☐ Gravel  ☐ Grid Pavers  ☐ Other

Pavement Condition: ☐ Excellent  ☐ Good  ☐ Average  ☐ Fair  ☐ Poor

Underdrains can be easily directed to existing storm drains or daylighted: ☑ YES  ☐ NO

Gutter/Exterior Downspouts Present:  ☐ YES  ☑ NO

Roof Connected Directly to Storm Drain:  ☑ YES  ☐ NO

Roof Drains onto Impervious Surface:  ☐ YES  ☐ NO

Obvious Existing Drainage Problems:  ☐ Extensive  ☐ Limited  ☑ Average  ☐ None

Steep Slopes Present:  ☐ Extensive  ☐ Limited  ☑ Average  ☐ None

Existing Landscaping:  ☐ Extensive  ☐ Limited  ☑ Average  ☐ None

Mature / Specimen Trees:  ☐ Extensive  ☐ Limited  ☑ Average  ☐ None

Area Available for Aboveground BMPs:  ☑ Extensive  ☐ Limited  ☐ Average  ☐ None

Existing Cover of Potential Aboveground BMP Locations:  ☑ Grass  ☑ Landscaped  ☐ Gravel  ☐ Other Pervious

Pavement  ☐ Other Impervious
UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 2 -- Site Information (concluded)

Commercial / Institutional

Islands Present: [☑ YES] [☐ NO]
Curb Present Around Island: [☑ YES] [☐ NO]
Ground Level of Island Relative to Pavement: [☑ Above] [☐ Equal] [☐ Below]
Island Landscaping:
[☐ Impervious] [☐ Bare Earth] [☐ Gravel] [☐ Grass] [☐ Mulch] [☐ Herbaceous Plants] [☐ Shrubs]
[☐ Trees (<2 in. DBH)] [☐ Trees (2 - 6 in. DBH)] [☑ Trees (>6 in. DBH)]

Trees have sufficient spacing to allow IMPs: [☑ YES] [☐ NO]
Parking area that can be directed to potential treatment area with little grading: [90%]

SITE SUMMARY

WQ_v (provided): [___________] Re_v (provided): [___________]
Area Treated (ac): [___________] Impervious Area Treated (ac): [___________]
Area Treated (%): [___________] Impervious Area Treated (%): [___________]

Photographs

No.  567  Description: looking west at east side of building
No.  568  Description: looking northwest at east side of building
No.  569  Description: looking northeast at south side of building
No.  570  Description: looking northwest at south side of building
No.  571  Description: looking east at north side of building
No.  572  Description: looking south at west side of building
No.  573  Description: looking southwest at west side of building
No.  574  Description: looking south at north side of building
No.  575  Description: looking southeast at north side of building
No.  576  Description: looking south at west side of building

Comments
Scuppers present for roof overflow.
UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 2 -- Site Information (concluded)