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

Subwatershed: Bear Branch
Location of Catchment Centroid on ADC Map: Year: 2001 Page: 4 Grid: E4
State Plane Coordinates of Outfall Location: X: 1350337 Y: 519974
Closest Road Intersection to Outfall: Ashford Court and Ashford Boulevard
Outfall SDI ID or Outfall Description: SDI ID 54636
Objective: Demonstration / Impairment(s) (Sheet 1)

Drainage Area (ac): 12.2 Impervious Area (ac): 8.4
Percent Impervious: 69% Soil Recharge Factor (S): 0.13
WQ_v (required): 0.68 Re_v (required): 0.09

Predominant Land Use: municipal (school) Mean Depth to Ground Water: 1-2 ft
Sanitary System: Septic Municipal Sewer Water Supply: Septic Municipal Sewer

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:
WQ_v Provided: Yes No Re_v 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:
WQ_v Provided: Yes No Re_v 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:
WQ_v Provided: Yes No Re_v 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:
WQ_v Provided: Yes No Re_v Provided: Yes No Cp Provided: Yes No
### CATCHMENT SUMMARY

<table>
<thead>
<tr>
<th>WQ&lt;sub&gt;v&lt;/sub&gt; (provided):</th>
<th>Re&lt;sub&gt;v&lt;/sub&gt; (provided):</th>
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<tr>
<th>Area Treated (ac):</th>
<th>Impervious Area Treated (ac):</th>
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<th>Area Treated (%):</th>
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**Comments**

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

Site Name: Laurel Senior High School
Address: 8000 Cherry Lane, Laurel MD, 20707
Site Owner: Board of Education

State Plane Coordinates of Site Centroid: X: 1349929 Y: 520410 Date: 4/25/03

Personnel: PM
Weather: overcast, 70F deg

Area (ac): 12.2 Impervious Area (ac): 8.4
Percent Impervious: 69%
WQs (required): 0.68
Reqs (required): 0.09

Property Area (ac): 43.1 Property Area Included in Site: 28%
Amount of Catchment Occupied by Site: 100%

Storm Drainage System Within Site
Piped: 100% Open Channels: 0% Area Drained by System: 100%
Open Channel Lining - Vegetation: 0% Riprap: 0% Concrete: 0% Other: 0%

Existing IMP(s) / BMP(s) (Identified 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 □ Moderate □ Average □ Limited □ None
Steep Slopes Present: □ Extensive □ Moderate □ Average □ Limited □ None
Existing Landscaping: □ Extensive □ Moderate □ Average □ Limited □ None
Mature / Specimen Trees: □ Extensive □ Moderate □ Average □ Limited □ None
Area Available for Aboveground BMPs: □ Extensive □ Moderate □ Average □ Limited □ None
Existing Cover of Potential Aboveground BMP Locations: □ Grass □ Landscaped □ Gravel □ Other Pervious □ Pavement □ Other Impervious
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: ☑ 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: ☑ 95% ☐ 100%  

SITE SUMMARY

WQ_v (provided):  
Re_v (provided):  
Area Treated (ac):  
Impervious Area Treated (ac):  
Area Treated (%):  
Impervious Area Treated (%):  

Photographs

No. 656  Description: looking east at south (front) of school  
No. 657  Description: looking northeast at south (front) of school  
No. 658  Description: looking east at south (front) of Spartan Hall  
No. 659  Description: looking northeast at west side of Spartan Hall  
No. 660  Description: looking southeast at north side of Spartan Hall  
No. 661  Description: looking east at north side of school  
No. 662  Description: looking southeast at north side of school  
No. 663  Description: looking south at west side of school  
No. 664  Description: looking west at south (front) of school  
No. 665  Description: looking north at east side of school  
No. 666  Description: looking north at south (front) side of school  

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