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

Subwatershed: Green Branch

Location of Catchment Centroid on ADC Map: Year: 2001 Page: 15 Grid: G4

State Plane Coordinates of Outfall Location: X: 1391560 Y: 467173

Closest Road Intersection to Outfall: Mitchellville Road and Harbour Way

Outfall SDI ID or Outfall Description: outfalls to stream southwest of property

Objective: Demonstration / Impairment(s) (Sheet 1)

Drainage Area (ac): 26.6 Impervious Area (ac): 23.2
Percent Impervious: 87% Soil Recharge Factor (S): 0.18
WQv (required): 1.85 Rev (required): 0.33

Predominant Land Use: commercial Mean Depth to Ground Water: >=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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 Site Name: Petsmart
 Address: 4500 Mitchellville Rd., Bowie MD, 20716
 Site Owner: Pets Bowie DE Business Trust

 State Plane Coordinates of Site Centroid: X: 1391471 Y: 467811 Date: 4/15/03
 Personnel: PM Weather: sunny, 80F deg

 Area (ac): 2.1 Impervious Area (ac): 1.9
 Percent Impervious: 90% Soil Recharge Factor (S): 0.09
 WQv (required): 0.15 Rev (required): 0.01
 Property Area (ac): 2.2 Property Area Included in Site: 94%
 Amount of Catchment Occupied by Site: 8%

 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) (Indentified on Page 1, FORM 1, Catchment Information)

 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
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 ☑ Shrub

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: 100%

SITE SUMMARY

WQv (provided): ________________ Rev (provided): ________________

Area Treated (ac): ________________ Impervious Area Treated (ac): ________________

Area Treated (%): ________________ Impervious Area Treated (%): ________________

Photographs

No. 615 Description: looking west to north end of complex

No. 616 Description: looking east across north side of complex

No. 617 Description: looking south across west side of complex

No. 618 Description: looking southeast along west side of complex

No. 619 Description: looking north at south side of complex

No. 620 Description: looking northwest along stream (upstream)

No. 621 Description: looking northwest at east side of complex

No. 622 Description: looking southwest at east side of complex across parking lot

No. 56 Description: Front of building

No. 63 Description: Rear of building

Comments

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