**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  
**WQ_v (required):** 1.85  
**Re_v (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:**  
**WQ_v Provided:** ☐ YES  
☐ NO  
**Re_v Provided:** ☐ YES  
☐ NO  
**C_p 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  
**C_p 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  
**C_p Provided:** ☐ YES  
☐ NO
### CATCHMENT SUMMARY

<table>
<thead>
<tr>
<th>WQv (provided):</th>
<th>Rev (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**

<table>
<thead>
<tr>
<th>Site Name: Target</th>
<th>Address: 4600 Mitchellville Rd., Bowie MD, 20716</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Owner: Dayton Hudson Corp.</td>
<td></td>
</tr>
<tr>
<td>State Plane Coordinates of Site Centroid:</td>
<td></td>
</tr>
<tr>
<td>X: 1391336 Y: 468469 Date: 4/15/03</td>
<td></td>
</tr>
<tr>
<td>Personnel: PM</td>
<td>Weather: sunny, 80F deg</td>
</tr>
<tr>
<td>Area (ac): 9.1</td>
<td>Impervious Area (ac): 8</td>
</tr>
<tr>
<td>Percent Impervious: 88%</td>
<td>Soil Recharge Factor (S): 0.23</td>
</tr>
<tr>
<td>WQ&lt;sub&gt;v&lt;/sub&gt; (required): 0.64</td>
<td>Re&lt;sub&gt;v&lt;/sub&gt; (required): 0.15</td>
</tr>
<tr>
<td>Property Area (ac): 10</td>
<td>Property Area Included in Site: 91%</td>
</tr>
<tr>
<td>Amount of Catchment Occupied by Site: 34%</td>
<td></td>
</tr>
</tbody>
</table>

**Storm Drainage System Within Site**

<table>
<thead>
<tr>
<th>Piped: 100%</th>
<th>Open Channels: 0%</th>
<th>Area Drained by System: 100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open Channel Lining - Vegetation: 0%</td>
<td>Riprap: 0%</td>
<td>Concrete: 0%</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>SDI ID:</th>
<th>Condition:</th>
<th>Excellent</th>
<th>Good</th>
<th>Average</th>
<th>Fair</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>SDI ID:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SDI ID:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Site Information**

<table>
<thead>
<tr>
<th>Type of Pavement:</th>
<th>Bituminous</th>
<th>Concrete</th>
<th>Gravel</th>
<th>Grid Pavers</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pavement Condition:</td>
<td>Excellent</td>
<td>Good</td>
<td>Average</td>
<td>Fair</td>
<td>Poor</td>
</tr>
<tr>
<td>Underdrains can be easily directed to existing storm drains or daylighted:</td>
<td>YES</td>
<td>NO</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gutter/Exterior Downspouts Present:</td>
<td>YES</td>
<td>NO</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roof Connected Directly to Storm Drain:</td>
<td>YES</td>
<td>NO</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roof Drains onto Impervious Surface:</td>
<td>YES</td>
<td>NO</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Obvious Existing Drainage Problems:</td>
<td>Extensive</td>
<td>Moderate</td>
<td>Average</td>
<td>Limited</td>
<td>None</td>
</tr>
<tr>
<td>Steep Slopes Present:</td>
<td>Extensive</td>
<td>Moderate</td>
<td>Average</td>
<td>Limited</td>
<td>None</td>
</tr>
<tr>
<td>Existing Landscaping:</td>
<td>Extensive</td>
<td>Moderate</td>
<td>Average</td>
<td>Limited</td>
<td>None</td>
</tr>
<tr>
<td>Mature / Specimen Trees:</td>
<td>Extensive</td>
<td>Moderate</td>
<td>Average</td>
<td>Limited</td>
<td>None</td>
</tr>
<tr>
<td>Area Available for Aboveground BMPs:</td>
<td>Extensive</td>
<td>Moderate</td>
<td>Average</td>
<td>Limited</td>
<td>None</td>
</tr>
<tr>
<td>Existing Cover of Potential Aboveground BMP Locations:</td>
<td>Grass</td>
<td>Landscaped</td>
<td>Gravel</td>
<td>Other Pervious Pavement</td>
<td>Other Impervious</td>
</tr>
</tbody>
</table>
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: 100%

SITE SUMMARY
WQ_v (provided): ___________________  Re_v (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. 629 Description: Front of building
No. 60 Description: Rear of building

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

Site ID: TARG
Catchment ID: GB08
UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 2 -- Site Information (concluded)