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, (required):  1.85  Reₜ (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, Provided:  ☐ YES  ☐ NO  Reₜ 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, Provided:  ☐ YES  ☐ NO  Reₜ 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, Provided:  ☐ YES  ☐ NO  Reₜ Provided:  ☐ YES  ☐ NO  Cp Provided:  ☐ YES  ☐ NO
## CATCHMENT SUMMARY

<table>
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<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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### Comments

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

Site Name: Staples
Address: 4450 Mitchellville Rd., Bowie MD, 20716
Site Owner: Staples The Office Superstore E Inc.
State Plane Coordinates of Site Centroid: X: 1391511 Y: 467696 Date: 4/15/03
Personnel: PM Weather: sunny, 80F deg
Area (ac): 1.7 Impervious Area (ac): 1.6
Percent Impervious: 97% Soil Recharge Factor (S): 0.08
WQ, (required): 0.13 Re, (required): 0.01
Property Area (ac): 1.8 Property Area Included in Site: 93%
Amount of Catchment Occupied by Site: 6%

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)
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
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 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.  55   Description: Front of building
No.  64   Description: Rear of building

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)