



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

Subwatershed: Walker Branch

Location of Catchment Centroid on ADC Map: Year: 2001 Page: 4 Grid: E2

State Plane Coordinates of Outfall Location: X: 1350275 Y: 523818

Closest Road Intersection to Outfall: Sandy Spring Road and West Street

Outfall SDI ID or Outfall Description: inlet SDI ID 55677

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

Drainage Area (ac): 7.2 Impervious Area (ac): 4.1

Percent Impervious: 57% Soil Recharge Factor (S): 0.10

WQ_v (required): 0.34 Re_v (required): 0.03

Predominant Land Use: municipal/parking lot Mean Depth to Ground Water: 0-2 ft

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

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

CATCHMENT SUMMARY

WQ_v (provided): _____

Re_v (provided) : _____

Area Treated (ac): _____

Impervious Area Treated (ac): _____

Area Treated (%): _____

Impervious Area Treated (%): _____

Comments

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

Site Name: Laurel City Hall Address: 8103 Sandy Spring Road, Laurel MD, 20707
 Site Owner: Mayor and City Council of Laurel
 State Plane Coordinates of Site Centroid: X: 1350196 Y: 523579 Date: 3/12/03
 Personnel: PM, ZJL Weather: overcast, 55F deg
 Area (ac): 3.7 Impervious Area (ac): 2.1
 Percent Impervious: 57% Soil Recharge Factor (S): 0.09
 WQ_v (required): 0.17 Re_v (required): 0.02
 Property Area (ac): 3.8 Property Area Included in Site: 99 %
 Amount of Catchment Occupied by Site: 51 %

Storm Drainage System Within Site

Piped: 0% Open Channels: 0% Area Drained by System: 0%
 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
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 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 (<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: 80%

SITE SUMMARY

WQ _v (provided) : _____	Re _v (provided): _____
Area Treated (ac) : _____	Impervious Area Treated (ac): _____
Area Treated (%) : _____	Impervious Area Treated (%): _____

Photographs

- | | |
|----------------|--|
| No. <u>314</u> | Description: <u>looking west along parking lot and drainage</u> |
| No. <u>315</u> | Description: <u>looking south at potential bioretention area</u> |
| No. <u>316</u> | Description: <u>looking west at parking lot and building</u> |
| No. <u>317</u> | Description: <u>looking east along north end of building</u> |
| No. <u>318</u> | Description: <u>looking north along west side of building</u> |
| No. <u>319</u> | Description: <u>looking southwest to building</u> |
| No. <u>320</u> | Description: <u>looking south along east end of building</u> |
| No. _____ | Description: _____ |
| No. _____ | Description: _____ |
| No. _____ | Description: _____ |

Comments Cannot get stormwater to green space on north side of building.
Site has potential for IMPs as well as correctable infrastructure problems.

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



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



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