



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

Subwatershed: Tributary 1

Location of Catchment Centroid on ADC Map: Year: 2001 Page: 10 Grid: B9

State Plane Coordinates of Outfall Location: X: 1383639 Y: 485135

Closest Road Intersection to Outfall: Round Tree Lane and Rock Ledge Drive

Outfall SDI ID or Outfall Description: inlet near Riverton Lane and Rocky Spring Lane

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

Drainage Area (ac): 14.3 Impervious Area (ac): 3.9

Percent Impervious: 27% Soil Recharge Factor (S): 0.26

WQ_v (required): 0.35 Re_v (required): 0.09

Predominant Land Use: municipal/school Mean Depth to Ground Water: varies

Sanitary System: Septic Municipal Sewer Water Supply: On Site Well Public Water

Storm Drainage System Within Catchment

Piped: 50% Open Channels: 50%

Area Drained by System: 100%

Location in Catchment: Headwaters Middle Lower All

Open Channel Lining- Vegetation: 100% 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: Rockledge Elementary School Address: 7701 Laurel Bowie Road, Bowie MD, 20715Site Owner: Board of EducationState Plane Coordinates of Site Centroid: X: 1381346 Y: 484502 Date: 4/15/03Personnel: PM Weather: sunny, 85F degArea (ac): 9.9 Impervious Area (ac): 2.1Percent Impervious: 21% Soil Recharge Factor (S): 0.26WQ_v (required): 0.2 Re_v (required): 0.05Property Area (ac): 10 Property Area Included in Site: 99 %Amount of Catchment Occupied by Site: 69 %

Storm Drainage System Within Site

Piped: 50% Open Channels: 50% Area Drained by System: 100%Open Channel Lining - Vegetation: 100% 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 PoorSDI ID: _____ Condition: Excellent Good Average Fair PoorSDI ID: _____ Condition: Excellent Good Average Fair Poor

Site Information

Type of Pavement: Bituminous Concrete Gravel Grid Pavers Other _____Pavement Condition: Excellent Good Average Fair PoorUnderdrains can be easily directed to existing storm drains or daylighted: YES NOGutter/Exterior Downspouts Present: YES NORoof Connected Directly to Storm Drain: YES NORoof Drains onto Impervious Surface: YES NOObvious Existing Drainage Problems: Extensive Moderate Average Limited NoneSteep Slopes Present: Extensive Moderate Average Limited NoneExisting Landscaping: Extensive Moderate Average Limited NoneMature / Specimen Trees: Extensive Moderate Average Limited NoneArea Available for Aboveground BMPs: Extensive Moderate Average Limited NoneExisting 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: 100%

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

Photographs

- No. 577 Description: looking south at west side of building
- No. 578 Description: looking east at north and west sides of school
- No. 579 Description: looking northeast at south side of building
- No. 580 Description: looking northwest at southeast sides of building
- No. 581 Description: looking northeast at east side of property
- No. 582 Description: looking west at east side of school
- No. 583 Description: looking southwest at east side of school
- No. 584 Description: looking west at east side of school
- No. 585 Description: looking southwest at north side of building
- No. _____ Description: _____

Comments

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



577



578



579



580



581



582

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



583



584



585