



**YMCA (FORMERLY
MEADOWBROOK
ELEMENTARY SCHOOL
(YMCA))**

40 0 40 80 120 Feet



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

Subwatershed: Tributary 3

Location of Catchment Centroid on ADC Map: Year: 2001 Page: 10 Grid: C12

State Plane Coordinates of Outfall Location: X: 1383350 Y: 479562

Closest Road Intersection to Outfall: Melody Lane and Mika Lane

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

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

Drainage Area (ac): 6.5 Impervious Area (ac): 2.5

Percent Impervious: 38% Soil Recharge Factor (S): 0.26

WQ_v (required): 0.21 Re_v (required): 0.05

Predominant Land Use: school Mean Depth to Ground Water: >=5ft

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

Storm Drainage System Within Catchment

Piped: 10% Open Channels: 90%

Area Drained by System: 100%

Location in Catchment: Headwaters Middle Lower All

Open Channel Lining- Vegetation: 50% Riprap: 0% Concrete: 50% 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: YMCA Address: 3501 Moylan Drive, Bowie MD, 20715
 Site Owner: Prince Georges County
 State Plane Coordinates of Site Centroid: X: 1383392 Y: 478738 Date: 4/25/03
 Personnel: PM Weather: cloudy, showers, 65F deg
 Area (ac): 6.2 Impervious Area (ac): 2.5
 Percent Impervious: 40% Soil Recharge Factor (S): 0.26
 WQ_v (required): 0.21 Re_v (required): 0.06
 Property Area (ac): 10.5 Property Area Included in Site: 59 %
 Amount of Catchment Occupied by Site: 95 %

Storm Drainage System Within Site

Piped: 10% Open Channels: 90% Area Drained by System: 100%
 Open Channel Lining - Vegetation: 50% Riprap: 0% Concrete: 50% Other: 0%

Existing IMP(s) / BMP(s) (Identified 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 (<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: 90%

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

Photographs

- No. 685 Description: looking south along west end of property
- No. 686 Description: looking northeast to west (front) of building
- No. 687 Description: looking northeast along south side of building
- No. 688 Description: looking north along west (front) of building
- No. 689 Description: looking northwest across parking lot
- No. 690 Description: looking west along south side of building
- No. 691 Description: looking north along east side of property
- No. 692 Description: looking south at north side of building
- No. 693 Description: looking west at north side of building
- No. 694 Description: looking northeast at north side of building

Comments

**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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