



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

Subwatershed: Upper Patuxent

Location of Catchment Centroid on ADC Map: Year: 2001 Page: 4 Grid: J4

State Plane Coordinates of Outfall Location: X: 1357218 Y: 519332

Closest Road Intersection to Outfall: Laurel Bowie Road and Morris Drive

Outfall SDI ID or Outfall Description: SDI 55261

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

Drainage Area (ac): 25.7 Impervious Area (ac): 14.0

Percent Impervious: 55% Soil Recharge Factor (S): 0.08

WQ_v (required): 1.17 Re_v (required): 0.10

Predominant Land Use: parking lot (commercial) Mean Depth to Ground Water: 0-1 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: 55241 Type (number from Sheets 4 & 5): pond Age: _____

Closest Road Intersection to IMP / BMP: Laurel Bowie Road and Morris Drive

Catchment Area Treated (ac) : 14.8 Percentage Catchment Treated: 57%

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: Home Depot, Laurel Address: 208 Fort Meade Road, Laurel MD, 20708
 Site Owner: Home Depot U.S.A. Inc.
 State Plane Coordinates of Site Centroid: X: 1357724 Y: 519710 Date: 3/25/03
 Personnel: PM Weather: sunny, 75F deg
 Area (ac): 12.1 Impervious Area (ac): 7.8
 Percent Impervious: 64% Soil Recharge Factor (S): 0.07
 WQ_v (required): 0.63 Re_v (required): 0.05
 Property Area (ac): 16.2 Property Area Included in Site: 75 %
 Amount of Catchment Occupied by Site: 47 %

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) (Identified on Page 1, FORM 1, Catchment Information)

SDI ID: 55241 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: 95%

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

Photographs

- No. 441 Description: looking northeast across stormwater pond
- No. 442 Description: looking southeast to front (north) side of building
- No. 443 Description: looking southwest to front (north) side of building
- No. 444 Description: looking northeast to back (south) side of building
- No. 445 Description: looking northeast at south outfall vicinity
- No. 446 Description: looking northeast at west side of building
- No. 447 Description: looking west at stormwater pond
- No. 448 Description: looking east across stormwater pond
- No. 449 Description: looking northeast across parking lot
- No. _____ Description: _____

Comments Recently remodeled from a Hechengers to a Home Depot. Roof drains to back (south) side of building. A large amount of dumping (car batteries included) is present.

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



441



442



443



444



445



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



447



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