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

Subwatershed: Tributary 4
Location of Catchment Centroid on ADC Map: Year: 2001 Page: 15 Grid: H2
State Plane Coordinates of Outfall Location: X: 1393553 Y: 472297
Closest Road Intersection to Outfall: Robert S. Crain Highway and Belair Drive/Melford Boulevard
Outfall SDI ID or Outfall Description: SHA system - drains to open ditch and then to culvert
Objective: Demonstration / Impairment(s) (Sheet 1)

Drainage Area (ac): 3.7 Impervious Area (ac): 1.7
Percent Impervious: 46% Soil Recharge Factor (S): 0.26
WQ<sub>v</sub> (required): 0.14 Re<sub>v</sub> (required): 0.04
Predominant Land Use: paved road Mean Depth to Ground Water: >=5ft
Sanitary System: ☐ Septic ☐ Municipal Sewer Water Supply: ☐ On Site Well ☐ Public Water

Storm Drainage System Within Catchment
Piped: 0% Open Channels: 100%
Area Drained by System: 100%
Location in Catchment: ☐ Headwaters ☐ Middle ☐ Lower ☑ All
Open Channel Lining- Vegetation: 0% Riprap: 0% Concrete: 0% Other: 100%

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<sub>v</sub> Provided: ☐ YES ☐ NO Re<sub>v</sub> Provided: ☐ YES ☐ NO C<sub>p</sub> 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<sub>v</sub> Provided: ☐ YES ☐ NO Re<sub>v</sub> Provided: ☐ YES ☐ NO C<sub>p</sub> 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<sub>v</sub> Provided: ☐ YES ☐ NO Re<sub>v</sub> Provided: ☐ YES ☐ NO C<sub>p</sub> Provided: ☐ YES ☐ NO
## CATCHMENT SUMMARY

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<thead>
<tr>
<th>WQv (provided)</th>
<th>Rev (provided)</th>
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<th>Area Treated (ac)</th>
<th>Impervious Area Treated (ac)</th>
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**Comments**

Flow is conveyed in gutter
UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)
FORM 2 -- Site Information

Site Name: US301/MD3 and Medford Road Address: Medford Road

Site Owner: State Highway Administration

State Plane Coordinates of Site Centroid: X: 1393677 Y: 471894 Date: 4/15/03

Personnel: PM Weather: sunny, 85F deg

Area (ac): 2.4 Impervious Area (ac): 1.7

Percent Impervious: 71% Soil Recharge Factor (S): 0.26

WQv (required): 0.13 Rev (required): 0.04

Property Area (ac): 2.4 Property Area Included in Site: 100%

Amount of Catchment Occupied by Site: 65%

Storm Drainage System Within Site

Piped: 0% Open Channels: 100% Area Drained by System: 100%

Open Channel Lining - Vegetation: 0% Riprap: 0% Concrete: 0% Other: 100%

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

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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: __________

SITE SUMMARY

WQ_v (provided): ________________ Re_v (provided): ________________

Area Treated (ac): ________________ Impervious Area Treated (ac): ________________
Area Treated (%): ________________ Impervious Area Treated (%): ________________

Photographs

No. 603 Description: looking north along Medford Drive

No. _________ Description: __________________________________________
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Comments

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FORM 2 -- Site Information