



Somerset Park Condominium (SPC)

100 0 100 Feet

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

Subwatershed: Marsh Branch

Location of Catchment Centroid on ADC Map: Year: 2001 Page: 15 Grid: E1

State Plane Coordinates of Outfall Location: X: 1387696 Y: 474267

Closest Road Intersection to Outfall: Stonybrook Drive and Stem Lane

Outfall SDI ID or Outfall Description: picked up by system at southeast end of property

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

Drainage Area (ac): 10.5 Impervious Area (ac): 4.2

Percent Impervious: 40% Soil Recharge Factor (S): 0.26

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

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

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: Somerset Park Condominium Address: 12319 Stonehaven Lane, Bowie MD, 20715
 Site Owner: varies
 State Plane Coordinates of Site Centroid: X: 1387394 Y: 474496 Date: 4/15/03
 Personnel: PM Weather: sunny, 85F deg
 Area (ac): 9.6 Impervious Area (ac): 3.8
 Percent Impervious: 40% Soil Recharge Factor (S): 0.26
 WQ_v (required): 0.33 Re_v (required): 0.09
 Property Area (ac): 10.2 Property Area Included in Site: 94 %
 Amount of Catchment Occupied by Site: 91 %

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 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: 100%

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

Photographs

- No. 586 Description: looking east along south side of property
- No. 587 Description: looking northeast at front (west) side of complex
- No. 588 Description: looking northeast at courtyard area
- No. 589 Description: looking northeast at east side of property
- No. 590 Description: looking northwest along north side of property
- No. 591 Description: looking south between apartments and townhouses
- No. 592 Description: looking southeast along north side of property
- No. 593 Description: looking southwest along west side of property
- No. _____ Description: _____
- No. _____ Description: _____

Comments Only the apartment complex is connected directly to the storm drain;
the townhouses are not.

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



586



587



588



589



590



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



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