

Catchment ID: BB10

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

Subwatersned: Bear Branch				
Location of Catchment Centroid on ADC Map	: Year: 2001	Page: 4	_ Grid:	E5
State Plane Coordinates of Outfall Location:	X: <u>1351200</u>	Y	519000	
Closest Road Intersection to Outfall: Cherry	Lane			
Outfall SDI ID or Outfall Description: Several	outfall points along ed	ge of Laurel Lake		
Objective: Demonstration / Impairment(s) (Sh	neet 1) <u>Demonstr</u>	ration, Water Qualit	ty	
Drainage Area (ac): 6.1	Impervious Area	a (ac): 3.4		
Percent Impervious: <u>57%</u>	Soil Recharge F	actor (S): 0.079		
WQ _v (required): 0.286	Re _v (required):	0.023		
Predominant Land Use: Office Buildings	Mean Depth to	Ground Water:	n/a	
Sanitary System: ☐ Septic ✓ Municipal Sewer	Water Supply:	On Site Well	Public Water	
Storm Drainage System Within Catchme	ent			
Piped:Open Channels	s:			
Area Drained by System: 100%				
Location in Catchment:	ddle 🔲 Lower 🔽 All			
Open Channel Lining- Vegetation:	Riprap:	Concrete:	Other:	
Existing IMP(s) / BMP(s)				
SDI ID: <u>85127A</u> Type (number from S	heets 4 & 5): 16	Age: <u>17</u>	_	
Closest Road Intersection to IMP / BMP:	Laurel Pl & Cherry La			
Catchment Area Treated (ac): 2.37	Percentage (Catchment Treated	39%	
WQ _v Provided: ☐ YES ☑ NO Re _v Pro	vided: □YES ☑NO	C _p Provided:	YES	✓NO
SDI ID: Type (number from S	heets 4 & 5):	Age:	_	
Closest Road Intersection to IMP / BMP:				
Catchment Area Treated (ac) :	Percentage (Catchment Treated	: <u></u>	
WQ_v Provided: \square_{YES} \square_{NO} Re_v Pro	vided: □YES □NO	C _p Provided:	YES	□NO
SDI ID: Type (number from S	heets 4 & 5):	Age:	<u>_</u>	
Closest Road Intersection to IMP / BMP:				
Catchment Area Treated (ac) :	Percentage (Catchment Treated	:	
WQ_v Provided: \square YES \square NO Re_v Pro	vided: YES NO	C _p Provided:	YES	□NO

Catchment ID: BB10

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

CATCHMENT SUMMARY				
WQ _v (provided):	0.14	Re _v (provided) :	0.01	
Area Treated (ac):	2.37	Impervious Area Treated (ac):	1.68	
Area Treated (%):	39%	Impervious Area Treated (%):	49%	
Comments				

Site ID: LLEP Catchment ID: BB10

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

Site Name: <u>Laurel Lakes Executive Park</u>	Addre	ss: <u>8301-8387 C</u>	herry Lane		
Site Owner:					
State Plane Coordinates of Site Centroid	X: <u>13512</u>	<u>200</u> Y:	519000	Date:	5/9/03
Personnel: PM, SM	Weath	er: overcast, ra	in, 70F deg		
Area (ac): <u>5.3</u>	Impervio	us Area (ac):	3.4		
Percent Impervious: 63	<u>6</u> Soil Rech	narge Factor (S)): 	0.075	
WQ _v (required): 0.274	Re _v (requ	ıired):	0.021		
Property Area (ac): 5.3	Property	Area Included ir	n Site:	100%	
Amount of Catchment Occupied by Site:	87%				
Storm Drainage System Within Sit	;				
Piped: 95% Open Channel	s: <u>5%</u>	Area Drained by	y System:	100%	
Open Channel Lining - Vegetation: 0	6 Riprap:	O% Concrete:	0%	Other:	0%
Existing IMP(s) / BMP(s) (Indentifie	I on Page 1, FORM ′	I, Catchment In	formation)		
SDI ID:	Condition: Excelle	nt Good C	Average	air Poo	or
SDI ID:	Condition: Excelle	nt Good [Average	air Poo	or
SDI ID:	Condition: Excelle	ent Good C	Average	air Poo	ΣΓ
Site Information					
Type of Pavement: ☑ Bituminous ☐ C	ncrete Gravel	Grid Pavers	Other		
Pavement Condition:	☑ Good ☐ Averag	je 🔲 Fair	Poor		
Underdrains can be easily directed to ex	sting 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 ☐ M	loderate	nge 🗹 Limited	None	
Steep Slopes Present:	☐ Moderate ☐ Ave	rage	None		
Existing Landscaping:	■ Moderate ✓ Average	rage	None		
Mature / Specimen Trees:	☐ Moderate ☐ Ave	rage	None		
Area Available for Aboveground BMPs:	☐ Extensive ☑ M	loderate	ige Limited	None	
Existing Cover of Potential Aboveground	BMP Locations:		dscaped ☐ Grave☐ Other Imperviou		ervious

Site ID: <u>LLEP</u> Catchment ID: <u>BB10</u>

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

Com	merciai / insti	tutional			
Island	ls Present: ☑ y	es 🗆 no	Curb Present Around	Island:	✓ YES NO
Grour	nd Level of Islan	d Relative to Pavement:	✓ Above ☐ Equal	Below	
Island	I Landscaping:	☐ Impervious ☐ Bare Earth ☐ Trees (<2 in. DBH) ☑		Mulch Herb	paceous Plants Shrubs
Trees	have sufficient	spacing to allow IMPs	√YES NO		
Parkir	ng area that can	be directed to potential trea	atment area with little grad	ding:	100%
SITE	SUMMARY				
WQ_{v}	(provided):	0.14	Re	(provided):	0.02
Area ⁻	Treated (ac) :	2.37	Impervious Area	Treated (ac):	1.68
Area ⁻	Treated (%):	45%	Impervious Area	Treated (%):	49%
Phot	ographs				
No.	723	Description: lookin	g north along west side o	f site	
No.	724	Description: looking east along south side of site			
No.	725	Description: looking east across center of site			
No.	726	Description: looking south along west side of site			
No.	727	Description: looking east along north side of site			
No.	728	Description: looking west along north side of site			
No.	729	Description: looking south along east side of site			
No.	730	Description: looking west along south side of site			
No.	731	Description: lookin	g north along east side of	f site	
No.		Description:			
		uildings have downspouts depotential IMP sites are land		ance. They c	an be easily

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





723 724





726 725





Site ID: LLEP Catchment ID: BB10

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





729 730



IN	/IP / BMP ID: 1	Site ID: LLEP	Catchment ID: BB10

New LID IMP ✓ SWM BMP Retrofit ✓ New SWM BMP ✓ Type (Sheets 4 & 5): <u>5</u>
State Plane Coordinates of IMP / BMP Centroid: X: Y:
Sketch Location of Footprint (with Approximate Dimensions) and Drainage Boundary on Site Map
Identify all Impairments Addressed by Recommendation (Sheet 1): 1, 7, 16
Treatment Area Ownership: ☐ Transportation ROW ☐ Utility ROW ☐ County ☐ Other Government ☑ Private ☐ Other
Infrastructure / Structures / Buildings Impacted: ☐ YES ☑ NO
Limited Impact to Adjacent Properties: ☑ YES ☐ NO
Area Accessible for Construction: ☑ YES ☐ NO
Area Accessible for Maintenance: VYES NO
Limited Permitting Issues: ☑ YES ☐ NO
Jurisdictional Wetlands Impacted: ☐ YES ☑ NO
Forest Retention Area Impacted:
Conservation Easement Impacted: TYES NO
Utilities Present: ☐ None ☐ Natural Gas ☑ Electric ☑ Telephone ☑ Cable ☑ Water ☑ Sewer ☐ Other
Utilities Impacted: □ None □ Natural Gas □ Electric □ Telephone □ Cable □ Water □ Sewer □ Other
Impacted Utilities:
Critical Area Impacted: YES NO
Mature / Specimen Trees Impacted: ☐ YES ☑ NO
Existing Landscaping Impacted: VES NO
Underdrain Needed: ☐ YES ☑ NO Underdrains Can Discharge: ☑ YES ☐ NO
Soils are Suitable: Tes No Ground Water Table Level Suitable: Tes No
Estimate IMP / BMP drainage area included on site: 0.56 ac 100%
Retrofit of Existing SWM BMP
SDI ID: Add Forebay:NO
Modify Outlet Stucture: ☐ YES ☐ NO Add Aquatic Bench: ☐ YES ☐ NO
Grade Bottom of Facility: ☐ YES ☐ NO Plant Native Vegetation: ☐ YES ☐ NO
Provide Additional Storage Volume: TYES NO
Excavation / Raise the Embankment:

IMP / BMP ID: 1	Site ID: LLEP	Catchment ID: BB10

IMP / BMP SUMMARY		
WQ _v (provided): Undet	ermined	Re _v (provided): 0.000
Area Treated (ac):	0.56	Impervious Area Treated (ac): 0.56
Photographs		
No. <u>844</u>	Description:	typical downspout
No. <u>845</u>	Description:	typical building
No	Description:	
No.	Description:	
No.	Description:	
No	Description:	
No	Description:	
No	Description:	
Comments Building available area and drainage	30	ain barrel, cistern or planter box, depending on





IMP / BMP ID: 2	Site ID: LLEP	Catchment ID: BB10

New LID IMP ☑ SWM BMP Retrofit □ New SWM BMP □ Type (Sheets 4 & 5): 45
State Plane Coordinates of IMP / BMP Centroid: X: Y:
Sketch Location of Footprint (with Approximate Dimensions) and Drainage Boundary on Site Map
Identify all Impairments Addressed by Recommendation (Sheet 1): 1, 7, 16
Treatment Area Ownership: ☐ Transportation ROW ☐ Utility ROW ☐ County ☐ Other Government ☑ Private ☐ Other
Infrastructure / Structures / Buildings Impacted: ☐ YES ☑ NO
Limited Impact to Adjacent Properties: ☑ YES ☐ NO
Area Accessible for Construction: ☑ YES ☐ NO
Area Accessible for Maintenance: ☑ YES ☐ NO
Limited Permitting Issues: VYES NO
Jurisdictional Wetlands Impacted: ☐ YES ☑ NO
Forest Retention Area Impacted: YES NO
Conservation Easement Impacted: ☐ YES ☑ NO
Utilities Present: ☐ None ☐ Natural Gas ☑ Electric ☑ Telephone ☑ Cable ☑ Water ☑ Sewer ☐ Other
Utilities Impacted: ☐ None ☐ Natural Gas ☐ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other
Impacted Utilities: Above Gound Underground
Critical Area Impacted: ☐ YES ☑ NO
Mature / Specimen Trees Impacted: ☐ YES ☑ NO
Existing Landscaping Impacted:
Underdrain Needed: ☐ YES ☑ NO Underdrains Can Discharge: ☑ YES ☐ NO
Soils are Suitable: YES NO Ground Water Table Level Suitable: YES NO
Estimate IMP / BMP drainage area included on site: 0.56 ac 100%
Retrofit of Existing SWM BMP
SDI ID: Add Forebay: DNO
Modify Outlet Stucture: ☐ YES ☐ NO Add Aquatic Bench: ☐ YES ☐ NO
Grade Bottom of Facility: ☐ YES ☐ NO Plant Native Vegetation: ☐ YES ☐ NO
Provide Additional Storage Volume: YES NO
Excavation / Raise the Embankment:

IMP / BMP ID: 2	Site ID: LLEP	Catchment ID: BB10

IMP / BMP SUMMARY		
WQ _v (provided): Undet	ermined	Re _v (provided): 0.000
Area Treated (ac):	0.56	Impervious Area Treated (ac): 0.56
Photographs		
No. <u>844</u>	Description:	typical downspout
No. <u>845</u>	Description:	typical building
No	Description:	
No.	Description:	
No.	Description:	
No	Description:	
No	Description:	
No	Description:	
Comments Building available area and drainage	30	ain barrel, cistern or planter box, depending on





IMP / BMP ID: 3	Site ID: LLEP	Catchment ID: BB10

New LID IMP ✓ SWM BMP Retrofit ✓ New SWM BMP ✓	Type (Sheets 4 & 5): <u>59</u>
State Plane Coordinates of IMP / BMP Centroid: X:	Y:
Sketch Location of Footprint (with Approximate Dimensions) and Drain	nage Boundary on Site Map
Identify all Impairments Addressed by Recommendation (Sheet 1):	1, 3, 7, 16
Treatment Area Ownership: Transportation ROW Utility ROW Other	ounty Other Government Private
Infrastructure / Structures / Buildings Impacted: ☐ YES ☑ NO	
Limited Impact to Adjacent Properties: ✓ YES NO	
Area Accessible for Construction: ✓ YES NO	
Area Accessible for Maintenance: ☑ YES ☐ NO	
Limited Permitting Issues: ✓ YES □ NO	
Jurisdictional Wetlands Impacted: ☐ YES ☑ NO	
Forest Retention Area Impacted: ☐ YES ☑ NO	
Conservation Easement Impacted: ☐ YES ☑ NO	
Utilities Present: ☐ None ☐ Natural Gas ☑ Electric ☑ Telephone ☑ Cable ☑	Water ✓ Sewer ☐ Other
Utilities Impacted: ☐ None ☐ Natural Gas ☐ Electric ☐ Telephone ☐ Cable ☐	Water Sewer Other
Impacted Utilities: Above Gound Underground	
Critical Area Impacted: ☐ YES ☑ NO	
Mature / Specimen Trees Impacted: ☐ YES ☑ NO	
Existing Landscaping Impacted: TYES VINO	
Underdrain Needed: ☐ YES ☑ NO Underdrains Can Disc	harge: ☐ YES ☐ NO
Soils are Suitable: YES NO Ground Water Table L	.evel Suitable: ☑ YES ☐ NO
Estimate IMP / BMP drainage area included on site: 0.29	_ac100%
Retrofit of Existing SWM BMP	
SDI ID: Add Forebay:	YES NO
Modify Outlet Stucture: ☐ YES ☐ NO Add Aquatic Be	nch: YES NO
Grade Bottom of Facility: ☐ YES ☐ NO Plant Native Ve	getation: PYES NO
Provide Additional Storage Volume: ☐ YES ☐ NO	
Excavation / Raise the Embankment:	

IMP / BMP ID: 3	Site ID: LLEP	Catchment ID: BB10

IMP / I	BMP SUMMARY		
WQ _v (provided): n/a			Re _v (provided): n/a
Area T	reated (ac):	0.29	Impervious Area Treated (ac): n/a
Photo	graphs		
No.	846	_ Description:	looking west along east IMP area
No.	847	Description:	looking north along west IMP area
No.		_ Description:	
No.		_ Description:	
No.		_ Description:	
No.		Description:	
No.		Description:	
No.		_ Description:	
Comn	nents		
IMP ar	ea = 12, 630 sq ft		
-			





IMP / BMP ID: 4	Site ID: LLEP	Catchment ID: BB10

New LID IMP ✓ SWM BMP Retrofit ✓ New SWM BMP ✓	Type (Sheets 4 & 5): <u>52</u>
State Plane Coordinates of IMP / BMP Centroid: X:	Y:
Sketch Location of Footprint (with Approximate Dimensions) and Drainage	Boundary on Site Map
Identify all Impairments Addressed by Recommendation (Sheet 1): 1,	3, 7, 16
Treatment Area Ownership: Transportation ROW Utility ROW County	Other Government Private
Infrastructure / Structures / Buildings Impacted: ☐ YES ☑ NO	
Limited Impact to Adjacent Properties: ✓ YES NO	
Area Accessible for Construction: ☑ YES ☐ NO	
Area Accessible for Maintenance: ☑ YES ☐ NO	
Limited Permitting Issues: ✓ YES □ NO	
Jurisdictional Wetlands Impacted: ☐ YES ☑ NO	
Forest Retention Area Impacted: ☐ YES ☑ NO	
Conservation Easement Impacted: ☐ YES ☑ NO	
Utilities Present: None Natural Gas VElectric VTelephone VCable VWater	er 🗸 Sewer 🔲 Other
Utilities Impacted: ☐ None ☐ Natural Gas ☐ Electric ☐ Telephone ☐ Cable ☐ Water	er Sewer Other
Impacted Utilities: Above Gound Underground	
Critical Area Impacted: ☐ YES ☑ NO	
Mature / Specimen Trees Impacted: ☐ YES ☑ NO	
Existing Landscaping Impacted: TYES VINO	
Underdrain Needed: ☐ YES ☑ NO Underdrains Can Discharg	ge: YES NO
Soils are Suitable: YES NO Ground Water Table Leve	I Suitable: ☑ YES ☐ NO
Estimate IMP / BMP drainage area included on site: 0.29 ac	100%
Retrofit of Existing SWM BMP	
SDI ID: Add Forebay:	YES NO
Modify Outlet Stucture: ☐ YES ☐ NO Add Aquatic Bench	: ☐YES ☐NO
Grade Bottom of Facility: YES NO Plant Native Vegeta	ation: YES NO
Provide Additional Storage Volume: ☐ YES ☐ NO	
Excavation / Raise the Embankment:	

IMP / BMP ID: 4	Site ID: LLEP	Catchment ID: BB10

IMP/BMPS	UMMARY		
WQ _v (provided): n/a			Re _v (provided): n/a
Area Treated ((ac):	0.29	Impervious Area Treated (ac): n/a
Photographs	S		
No. <u>846</u>		Description:	looking west along east IMP area
No. <u>847</u>		Description:	looking north along west IMP area
No		Description:	
No.		Description:	
No		Description:	
Comments			
IMP area = 12	. 630 sa ft		
	,		





IMP / BMP ID: 5	Site ID: LLEP	Catchment ID: BB10

New LID IMP ✓ SWM BMP Retrofit ✓ New SWM BMP ✓ Type (Sheets 4 & 5): 39
State Plane Coordinates of IMP / BMP Centroid: X: Y:
Sketch Location of Footprint (with Approximate Dimensions) and Drainage Boundary on Site Map
Identify all Impairments Addressed by Recommendation (Sheet 1): 1, 2, 3, 4, 7, 16
Treatment Area Ownership: ☐ Transportation ROW ☐ Utility ROW ☐ County ☐ Other Government ☑ Private ☐ Other
Infrastructure / Structures / Buildings Impacted: ☐ YES ☑ NO
Limited Impact to Adjacent Properties: ☑ YES ☐ NO
Area Accessible for Construction: ☑ YES ☐ NO
Area Accessible for Maintenance: ☑ YES ☐ NO
Limited Permitting Issues: VYES NO
Jurisdictional Wetlands Impacted: ☐ YES ☑ NO
Forest Retention Area Impacted: TYES NO
Conservation Easement Impacted: ☐ YES ☑ NO
Utilities Present: ☐ None ☐ Natural Gas ☑ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other
Utilities Impacted: ☐ None ☐ Natural Gas ☑ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other
Impacted Utilities: Above Gound Underground
Critical Area Impacted: ☐ YES ☑ NO
Mature / Specimen Trees Impacted: ☑ YES □ NO
Existing Landscaping Impacted:
Underdrain Needed: ☐ YES ☑ NO Underdrains Can Discharge: ☑ YES ☐ NO
Soils are Suitable: ☑ YES ☐ NO Ground Water Table Level Suitable: ☑ YES ☐ NO
Estimate IMP / BMP drainage area included on site: 0.49 ac 100%
Retrofit of Existing SWM BMP
SDI ID: Add Forebay: DNO
Modify Outlet Stucture: ☐ YES ☐ NO Add Aquatic Bench: ☐ YES ☐ NO
Grade Bottom of Facility: ☐ YES ☐ NO Plant Native Vegetation: ☐ YES ☐ NO
Provide Additional Storage Volume: YES NO
Excavation / Raise the Embankment:

IMP / BMP ID: 5	Site ID: LLEP	Catchment ID: BB10

BMP SUMN	MARY	
WQ _v (provided): 0.019		Re _v (provided): 0.002
reated (ac):	0.49	Impervious Area Treated (ac): 0.23
graphs		
848	Description:	looking west
849	Description:	looking east
	Description:	
nents	IMP treat 34% of the drainage a	rea
ze = 1,664 s		
	rovided): reated (ac): graphs 848 849	graphs 848 Begraphs 849 Description: Description:





IMP / BMP ID: 6	Site ID: LLEP	Catchment ID: BB10

New LID IMP ✓ SWM BMP Retrofit ✓ New SWM BMP ✓ Type (Sheets 4 & 5): 39
State Plane Coordinates of IMP / BMP Centroid: X: Y:
Sketch Location of Footprint (with Approximate Dimensions) and Drainage Boundary on Site Map
Identify all Impairments Addressed by Recommendation (Sheet 1): 1, 2, 3, 4, 7, 16
Treatment Area Ownership: ☐ Transportation ROW ☐ Utility ROW ☐ County ☐ Other Government ☑ Private ☐ Other
Infrastructure / Structures / Buildings Impacted: ☐ YES ☑ NO
Limited Impact to Adjacent Properties: ☑ YES ☐ NO
Area Accessible for Construction: ✓ YES NO
Area Accessible for Maintenance: ☑ YES ☐ NO
Limited Permitting Issues: ☑ YES ☐ NO
Jurisdictional Wetlands Impacted: ☐ YES ☑ NO
Forest Retention Area Impacted: TYES NO
Conservation Easement Impacted: ☐ YES ☑ NO
Utilities Present: ☐ None ☐ Natural Gas ☑ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other
Utilities Impacted: ☐ None ☐ Natural Gas ☑ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other
Impacted Utilities: Above Gound Underground
Critical Area Impacted: ☐ YES ☑ NO
Mature / Specimen Trees Impacted: ☑ YES □ NO
Existing Landscaping Impacted:
Underdrain Needed: ☐ YES ☑ NO Underdrains Can Discharge: ☑ YES ☐ NO
Soils are Suitable: ☑ YES ☐ NO Ground Water Table Level Suitable: ☑ YES ☐ NO
Estimate IMP / BMP drainage area included on site:acac
Retrofit of Existing SWM BMP
SDI ID: Add Forebay: DNO
Modify Outlet Stucture: ☐ YES ☐ NO Add Aquatic Bench: ☐ YES ☐ NO
Grade Bottom of Facility: ☐ YES ☐ NO Plant Native Vegetation: ☐ YES ☐ NO
Provide Additional Storage Volume: YES NO
Excavation / Raise the Embankment:

	IMP / BMP ID: 6	Site ID: LLEP	Catchment ID: BB10	
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IMP / E	BMP SUMMARY			
WQ _v (p	orovided):	0.005	Re _v (provided):	0.001
Area T	reated (ac):	0.09	Impervious Area Treated (ac):	0.07
Photo	graphs			
No.	850	Description:	looking south (photo taken 5/19/03)	
No.	851	Description:	looking north (photo taken 5/19/03)	
No.		Description:		
No.		Description:		
No.	o Description:			
No.		Description:		
No.		Description:		
No.		Description:		
Comm	nents			
IMP siz	ze = 638 sq ft			
-				
-				





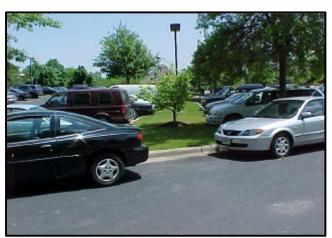
IMP / BMP ID: 7	Site ID: LLEP	Catchment ID: BB10

New LID IMP ✓ SWM BMP Retrofit ✓ New SWM BMP ✓ Type (Sheets 4 & 5): 39
State Plane Coordinates of IMP / BMP Centroid: X: Y:
Sketch Location of Footprint (with Approximate Dimensions) and Drainage Boundary on Site Map
Identify all Impairments Addressed by Recommendation (Sheet 1): 1, 2, 3, 4, 7, 16
Treatment Area Ownership: ☐ Transportation ROW ☐ Utility ROW ☐ County ☐ Other Government ☑ Private ☐ Other
Infrastructure / Structures / Buildings Impacted: ☐ YES ☑ NO
Limited Impact to Adjacent Properties: ☑ YES ☐ NO
Area Accessible for Construction: ☑ YES ☐ NO
Area Accessible for Maintenance: ☑ YES ☐ NO
Limited Permitting Issues: ✓ YES NO
Jurisdictional Wetlands Impacted: ☐ YES ☑ NO
Forest Retention Area Impacted: ☐ YES ☑ NO
Conservation Easement Impacted: ☐ YES ☑ NO
Utilities Present: ☐ None ☐ Natural Gas ☑ Electric ☐ Telephone ☐ Cable ☑ Water ☐ Sewer ☐ Other
Utilities Impacted: ☐ None ☐ Natural Gas ☑ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other
Impacted Utilities: Above Gound Underground
Critical Area Impacted: ☐ YES ☑ NO
Mature / Specimen Trees Impacted: ☑ YES □ NO
Existing Landscaping Impacted:
Underdrain Needed: ☐ YES ☑ NO Underdrains Can Discharge: ☑ YES ☐ NO
Soils are Suitable: ☑ YES ☐ NO Ground Water Table Level Suitable: ☑ YES ☐ NO
Estimate IMP / BMP drainage area included on site:acac90%
Retrofit of Existing SWM BMP
SDI ID: Add Forebay: DNO
Modify Outlet Stucture: ☐ YES ☐ NO Add Aquatic Bench: ☐ YES ☐ NO
Grade Bottom of Facility: ☐ YES ☐ NO Plant Native Vegetation: ☐ YES ☐ NO
Provide Additional Storage Volume: YES NO
Excavation / Raise the Embankment:

IMP / BMP ID: 7 Site ID: LLEP Catchment ID: BB10

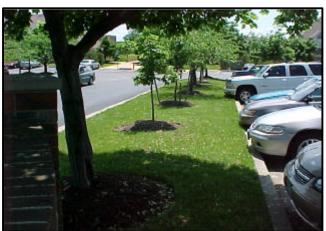
IMP/	BMP SUMMARY	<u> </u>		
WQ _v (_l	provided):	0.021	Re _v (provided):	0.002
Area T	reated (ac):	0.38	Impervious Area Treated (ac):	0.26
Photo	ographs			
No.	852	Description:	looking north	
No.	853	Description:	looking south	
No.	848	Description:	looking west (photo taken 5/20/03)	
No.	849	Description:	looking east (photo taken 5/20/03)	
No.		Description:		
No.		Description:		
No.		Description:	:	
No.		Description:		
	ments IMP ze = 1,851 sq ft	treat 68% of the drainage	area	





848 849





IMP / BMP ID: 8	Site ID: LLEP	Catchment ID: BB10

New LID IMP ✓ SWM BMP Retrofit ✓ New SWM BMP ✓ Type (Sheets 4 & 5): 39
State Plane Coordinates of IMP / BMP Centroid: X: Y:
Sketch Location of Footprint (with Approximate Dimensions) and Drainage Boundary on Site Map
Identify all Impairments Addressed by Recommendation (Sheet 1): 1, 2, 3, 4, 7, 16
Treatment Area Ownership: ☐ Transportation ROW ☐ Utility ROW ☐ County ☐ Other Government ☑ Private ☐ Other
Infrastructure / Structures / Buildings Impacted: ☐ YES ☑ NO
Limited Impact to Adjacent Properties: ☑ YES ☐ NO
Area Accessible for Construction: ✓ YES NO
Area Accessible for Maintenance: ☑ YES ☐ NO
Limited Permitting Issues: ☑ YES ☐ NO
Jurisdictional Wetlands Impacted: ☐ YES ☑ NO
Forest Retention Area Impacted: TYES NO
Conservation Easement Impacted: ☐ YES ☑ NO
Utilities Present: ☐ None ☐ Natural Gas ☑ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other
Utilities Impacted: ☐ None ☐ Natural Gas ☑ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other
Impacted Utilities: Above Gound Underground
Critical Area Impacted: ☐ YES ☑ NO
Mature / Specimen Trees Impacted: ☑ YES □ NO
Existing Landscaping Impacted:
Underdrain Needed: ☐ YES ☑ NO Underdrains Can Discharge: ☑ YES ☐ NO
Soils are Suitable: ☑ YES ☐ NO Ground Water Table Level Suitable: ☑ YES ☐ NO
Estimate IMP / BMP drainage area included on site:acac
Retrofit of Existing SWM BMP
SDI ID: Add Forebay: DNO
Modify Outlet Stucture: ☐ YES ☐ NO Add Aquatic Bench: ☐ YES ☐ NO
Grade Bottom of Facility: ☐ YES ☐ NO Plant Native Vegetation: ☐ YES ☐ NO
Provide Additional Storage Volume: YES NO
Excavation / Raise the Embankment:

	IMP / BMP ID: 8	Site ID: LLEP	Catchment ID: BB10
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IMP / BMP SUMMARY		
WQ _v (provided):	0.013	Re _v (provided): 0.000
Area Treated (ac):	0.24	Impervious Area Treated (ac):0.08
Photographs		
No. <u>856</u>	Description:	looking north
No. <u>857</u>	Description:	looking south
No	Description:	
Comments IMP trailing IMP size = 1,111 sq ft	eat 60% of the drainage ar	ea





IMP / BMP ID: 9	Site ID: LLEP	Catchment ID: BB10

New LID IMP ✓ SWM BMP Retrofit ✓ New SWM BMP ✓ Type (Sheets 4 & 5): 39							
State Plane Coordinates of IMP / BMP Centroid: X: Y:							
Sketch Location of Footprint (with Approximate Dimensions) and Drainage Boundary on Site Map							
Identify all Impairments Addressed by Recommendation (Sheet 1): 1, 2, 3, 4, 7, 16							
Treatment Area Ownership: ☐ Transportation ROW ☐ Utility ROW ☐ County ☐ Other Government ☑ Private ☐ Other							
Infrastructure / Structures / Buildings Impacted: ☐ YES ☑ NO							
Limited Impact to Adjacent Properties: ☑ YES ☐ NO							
Area Accessible for Construction: ☑ YES ☐ NO							
Area Accessible for Maintenance: ☑ YES ☐ NO							
Limited Permitting Issues: ☑ YES ☐ NO							
Jurisdictional Wetlands Impacted: ☐YES ☑NO							
Forest Retention Area Impacted: ☐ YES ☑ NO							
Conservation Easement Impacted: ☐YES ☑NO							
Utilities Present: ☐ None ☐ Natural Gas ☑ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other							
Utilities Impacted: ☐ None ☐ Natural Gas ☑ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other							
Impacted Utilities: Above Gound Underground							
Critical Area Impacted: ☐ YES ☑ NO							
Mature / Specimen Trees Impacted: ☑ YES ☐ NO							
Existing Landscaping Impacted:							
Underdrain Needed: ☐ YES ☑ NO Underdrains Can Discharge: ☑ YES ☐ NO							
Soils are Suitable: ☑ YES ☐ NO Ground Water Table Level Suitable: ☑ YES ☐ NO							
Estimate IMP / BMP drainage area included on site: 0.09 ac 100%							
Retrofit of Existing SWM BMP							
SDI ID: Add Forebay: DNO							
Modify Outlet Stucture: ☐ YES ☐ NO Add Aquatic Bench: ☐ YES ☐ NO							
Grade Bottom of Facility: ☐ YES ☐ NO Plant Native Vegetation: ☐ YES ☐ NO							
Provide Additional Storage Volume: YES NO							
Excavation / Raise the Embankment:							

IMP / BMP ID: 9	Site ID: LLEP	Catchment ID: BB10

IMP /	BMP SUMMAR	RY	
WQ _v (provided): 0.006 Area Treated (ac): 0.09		0.006	Re _v (provided): 0.000
		0.09	Impervious Area Treated (ac):0.08
Photo	ographs		
No.	858	Description:	looking south
No.	859	Description:	looking north
No.		Description:	
Comn IMP six	nents <u>IM</u> ze = 554 sq ft	P treat 34% of the drainage and	ea





IMP / BMP ID: 10 Site ID: LLEP Catchment ID: BB10

New LID IMP ✓ SWM BMP Retrofit ✓ New SWM BMP ✓ Type (Sheets 4 & 5): 39							
State Plane Coordinates of IMP / BMP Centroid: X: Y:							
Sketch Location of Footprint (with Approximate Dimensions) and Drainage Boundary on Site Map							
Identify all Impairments Addressed by Recommendation (Sheet 1): 1, 2, 3, 4, 7, 16							
Treatment Area Ownership: ☐ Transportation ROW ☐ Utility ROW ☐ County ☐ Other Government ☑ Private ☐ Other							
Infrastructure / Structures / Buildings Impacted: ☐ YES ☑ NO							
Limited Impact to Adjacent Properties: ☑ YES ☐ NO							
Area Accessible for Construction: ☑ YES ☐ NO							
Area Accessible for Maintenance: ☑ YES ☐ NO							
Limited Permitting Issues: ☑ YES ☐ NO							
Jurisdictional Wetlands Impacted: ☐ YES ☑ NO							
Forest Retention Area Impacted: TYES NO							
Conservation Easement Impacted: ☐ YES ☑ NO							
Utilities Present: ☐ None ☐ Natural Gas ☑ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other							
Utilities Impacted: ☐ None ☐ Natural Gas ☑ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other							
Impacted Utilities: Above Gound Underground							
Critical Area Impacted: ☐ YES ☑ NO							
Mature / Specimen Trees Impacted: ☑ YES ☐ NO							
Existing Landscaping Impacted:							
Underdrain Needed: ☐ YES ☑ NO Underdrains Can Discharge: ☑ YES ☐ NO							
Soils are Suitable: ☑ YES ☐ NO Ground Water Table Level Suitable: ☑ YES ☐ NO							
Estimate IMP / BMP drainage area included on site: 0.07 ac 100%							
Retrofit of Existing SWM BMP							
SDI ID: Add Forebay: DNO							
Modify Outlet Stucture: ☐ YES ☐ NO Add Aquatic Bench: ☐ YES ☐ NO							
Grade Bottom of Facility: ☐ YES ☐ NO Plant Native Vegetation: ☐ YES ☐ NO							
Provide Additional Storage Volume: YES NO							
Excavation / Raise the Embankment:							

IMP / BMP ID: 10 Site ID: LLEP Catchment ID: BB10

IMP / E	BMP SUMMARY			
WQ _v (provided): Area Treated (ac):		0.004	Re _v (provided):	0.000
		0.07	Impervious Area Treated (ac):	0.06
Photog	graphs			
No.	860	Description:	looking northeast	
No.				
No.		Description:		
No.		Description:		
No.		Description:		
Comm	ents			
	ze = 455 sq ft			

UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS) FORM 3 -- Opportunities and Constraints of Potential Management Practice



IMP / BMP ID: 11 Site ID: LLEP Catchment ID: BB10

New LID IMP ✓ SWM BMP Retrofit ✓ New SWM BMP ✓ Type (Sheets 4 & 5): 39				
State Plane Coordinates of IMP / BMP Centroid: X: Y:				
Sketch Location of Footprint (with Approximate Dimensions) and Drainage Boundary on Site Map				
Identify all Impairments Addressed by Recommendation (Sheet 1): 1, 2, 3, 4, 7, 16				
Treatment Area Ownership: ☐ Transportation ROW ☐ Utility ROW ☐ County ☐ Other Government ☑ Private ☐ Other				
Infrastructure / Structures / Buildings Impacted: ☐ YES ☑ NO				
Limited Impact to Adjacent Properties: ☑ YES ☐ NO				
Area Accessible for Construction: ☑ YES ☐ NO				
Area Accessible for Maintenance: ☑ YES ☐ NO				
Limited Permitting Issues: ✓ YES NO				
Jurisdictional Wetlands Impacted: ☐YES ☑NO				
Forest Retention Area Impacted: ☐ YES ☑ NO				
Conservation Easement Impacted: ☐YES ☑NO				
Utilities Present: ☐ None ☐ Natural Gas ☑ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other				
Utilities Impacted: ☐ None ☐ Natural Gas ☑ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other				
Impacted Utilities: Above Gound Underground				
Critical Area Impacted: ☐ YES ☑ NO				
Mature / Specimen Trees Impacted: ☑ YES ☐ NO				
Existing Landscaping Impacted:				
Underdrain Needed: ☐ YES ☑ NO Underdrains Can Discharge: ☑ YES ☐ NO				
Soils are Suitable: ☑ YES ☐ NO Ground Water Table Level Suitable: ☑ YES ☐ NO				
Estimate IMP / BMP drainage area included on site: 0.19 ac 100%				
Retrofit of Existing SWM BMP				
SDI ID: Add Forebay: DNO				
Modify Outlet Stucture: ☐ YES ☐ NO Add Aquatic Bench: ☐ YES ☐ NO				
Grade Bottom of Facility: ☐ YES ☐ NO Plant Native Vegetation: ☐ YES ☐ NO				
Provide Additional Storage Volume: TYES NO				
Excavation / Raise the Embankment:				

IMP / BMP ID: 11 Site ID: LLEP Catchment ID: BB10

IMP/	BMP SUMMAR	RY	
WQ _v (provided): 0.011		0.011	Re _v (provided): 0.001
Area T	reated (ac):	0.19	Impervious Area Treated (ac): 0.14
Photo	graphs		
No.	861	Description:	looking west
No.	862	Description:	looking east
No.		Description:	
No. Description:		Description:	
No.		Description:	
Comr IMP si	nents IMI ze = 966 sq ft	P treats 24% of the drainage a	irea

UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS) FORM 3 -- Opportunities and Constraints of Potential Management Practice





IMP / BMP ID: 12 Site ID: LLEP Catchment ID: BB10

New LID IMP ☑ SWM BMP Retrofit ☐ New S	SWM BMP \square T	ype (Sheets 4 & 5):	38	
State Plane Coordinates of IMP / BMP Centroid:	X:	Y:		
Sketch Location of Footprint (with Approximate Dimer	nsions) and Drainage	Boundary on Site M	lap	
Identify all Impairments Addressed by Recommendation	on (Sheet 1): <u>1, 1</u>	2, 3, 4, 7, 16		
Treatment Area Ownership: Transportation ROW Other	Utility ROW County	Other Government	✓ Private	
Infrastructure / Structures / Buildings Impacted:	YES 🔽 NO			
Limited Impact to Adjacent Properties: ☑ YES ☐ NO)			
Area Accessible for Construction: ✓ YES NO				
Area Accessible for Maintenance: ☑ YES ☐ NO				
Limited Permitting Issues: ✓ YES NO				
Jurisdictional Wetlands Impacted: ☐ YES ☑ NO				
Forest Retention Area Impacted:				
Conservation Easement Impacted: ☐ YES ☑ NO				
Utilities Present: ☑ None ☐ Natural Gas ☐ Electric ☐ Tele	ephone Cable Water	Sewer Other		
Utilities Impacted: ☑ None ☐ Natural Gas ☐ Electric ☐ Tele	ephone Cable Water	Sewer Other		
Impacted Utilities: Above Gound Underground				
Critical Area Impacted: ☐ YES ☑ NO				
Mature / Specimen Trees Impacted: ☐ YES ☑ NO				
Existing Landscaping Impacted:				
Underdrain Needed: ☐ YES ☑ NO Unde	rdrains Can Discharge	e: ✓YES NO		
Soils are Suitable: ☑ YES ☐ NO Ground	nd Water Table Level	Suitable: VES	□NO	
Estimate IMP / BMP drainage area included on site:	<u>0.28</u> ac		100%	
Retrofit of Existing SWM BMP				
SDI ID:	Add Forebay:	YES NO		
Modify Outlet Stucture: ☐ YES ☐ NO	Add Aquatic Bench:	YES NO		
Grade Bottom of Facility: ☐ YES ☐ NO	Plant Native Vegeta	tion: YES NO		
Provide Additional Storage Volume: TYES NO				
Excavation / Raise the Embankment:				

IMP / BMP ID: 12 Site ID: LLEP Catchment ID: BB10

IMP / BMP SUMMARY				
WQ _v (provided):		0.018	Re _v (provided):	0.001
Area T	reated (ac):	0.28	Impervious Area Treated (ac):	0.23
Photo	ographs			
No.	863	Description:	looking north	
No.	864	Description:	looking south	
No.		Description:		
No.		Description:		
No		Description:		
No		Description:		
No Description:				
No.		Description:		
Comn IMP siz	nents ze = 2,107 sq ft			

UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS) FORM 3 -- Opportunities and Constraints of Potential Management Practice





IMP / BMP ID: 13 Site ID: LLEP Catchment ID: BB10

New LID IMP ✓ SWM BMP Retrofit ✓ New SWM BMP ✓ Type (Sheets 4 & 5): 38				
State Plane Coordinates of IMP / BMP Centroid: X: Y:				
Sketch Location of Footprint (with Approximate Dimensions) and Drainage Boundary on Site Map				
Identify all Impairments Addressed by Recommendation (Sheet 1): 1, 2, 3, 4, 7, 16				
Treatment Area Ownership: ☐ Transportation ROW ☐ Utility ROW ☐ County ☐ Other Government ☑ Private ☐ Other				
Infrastructure / Structures / Buildings Impacted: ☐ YES ☑ NO				
Limited Impact to Adjacent Properties: ☑ YES ☐ NO				
Area Accessible for Construction: ☑ YES ☐ NO				
Area Accessible for Maintenance: ☑ YES ☐ NO				
Limited Permitting Issues: ✓ YES ☐ NO				
Jurisdictional Wetlands Impacted: ☐YES ☑NO				
Forest Retention Area Impacted: ☐ YES ☑ NO				
Conservation Easement Impacted: ☐YES ☑NO				
Utilities Present: ☑ None ☐ Natural Gas ☐ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other				
Utilities Impacted: ☑ None ☐ Natural Gas ☐ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other				
Impacted Utilities: Above Gound Underground				
Critical Area Impacted: ☐ YES ☑ NO				
Mature / Specimen Trees Impacted: ☐ YES ☑ NO				
Existing Landscaping Impacted:				
Underdrain Needed: ☐ YES ☑ NO Underdrains Can Discharge: ☑ YES ☐ NO				
Soils are Suitable: ☑ YES ☐ NO Ground Water Table Level Suitable: ☑ YES ☐ NO				
Estimate IMP / BMP drainage area included on site: 0.11 ac 100%				
Retrofit of Existing SWM BMP				
SDI ID: Add Forebay: DNO				
Modify Outlet Stucture: ☐ YES ☐ NO Add Aquatic Bench: ☐ YES ☐ NO				
Grade Bottom of Facility: ☐ YES ☐ NO Plant Native Vegetation: ☐ YES ☐ NO				
Provide Additional Storage Volume: TYES NO				
Excavation / Raise the Embankment:				

IMP / BMP ID: 13 Site ID: LLEP Catchment ID: BB10

IMP / BMP SUMMARY				
WQ _v (provided):		0.008	Re _v (provided):	0.000
Area T	reated (ac):	0.11	Impervious Area Treated (ac):	0.10
Photo	graphs			
No.	865	Description:	looking north	
No.	866	Description:	looking south	
No.		Description:		
No. Description:		Description:		
No Description:		Description:		
No Description:		Description:		
No Description:		Description:		
No.		Description:		
Comn	nents			
	ze = 762 sq ft			
	·			





IMP / BMP ID: 14 Site ID: LLEP Catchment ID: BB10

New LID IMP ✓ SWM BMP Retrofit ✓ New SWM BMP ✓ Type (Sheets 4 & 5): 38				
State Plane Coordinates of IMP / BMP Centroid: X: Y:				
Sketch Location of Footprint (with Approximate Dimensions) and Drainage Boundary on Site Map				
Identify all Impairments Addressed by Recommendation (Sheet 1): 1, 2, 3, 4, 7, 16				
Treatment Area Ownership: ☐ Transportation ROW ☐ Utility ROW ☐ County ☐ Other Government ☑ Private ☐ Other				
Infrastructure / Structures / Buildings Impacted: ☐ YES ☑ NO				
Limited Impact to Adjacent Properties: ☑ YES ☐ NO				
Area Accessible for Construction: ☑ YES ☐ NO				
Area Accessible for Maintenance: ☑ YES ☐ NO				
Limited Permitting Issues: ☑ YES ☐ NO				
Jurisdictional Wetlands Impacted: ☐YES ☑NO				
Forest Retention Area Impacted: ☐ YES ☑ NO				
Conservation Easement Impacted: ☐YES ☑NO				
Utilities Present: ☑ None ☐ Natural Gas ☐ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other				
Utilities Impacted: ☑ None ☐ Natural Gas ☐ Electric ☐ Telephone ☐ Cable ☐ Water ☐ Sewer ☐ Other				
Impacted Utilities: Above Gound Underground				
Critical Area Impacted: ☐ YES ☑ NO				
Mature / Specimen Trees Impacted: ☐ YES ☑ NO				
Existing Landscaping Impacted:				
Underdrain Needed: ☐ YES ☑ NO Underdrains Can Discharge: ☑ YES ☐ NO				
Soils are Suitable: ☑ YES ☐ NO Ground Water Table Level Suitable: ☑ YES ☐ NO				
Estimate IMP / BMP drainage area included on site: 0.09 ac 100%				
Retrofit of Existing SWM BMP				
SDI ID: Add Forebay: DNO				
Modify Outlet Stucture: ☐ YES ☐ NO Add Aquatic Bench: ☐ YES ☐ NO				
Grade Bottom of Facility: ☐ YES ☐ NO Plant Native Vegetation: ☐ YES ☐ NO				
Provide Additional Storage Volume: TYES NO				
Excavation / Raise the Embankment:				

IMP / BMP ID: 14 Site ID: LLEP Catchment ID: BB10

IMP / E	BMP SUMMAR	Y		
WQ _v (provided): 0.006		0.006	Re _v (provided):	0.000
Area Tr	reated (ac):	0.09	Impervious Area Treated (ac):	0.07
Photog	graphs			
No.	867	Description:	looking northeast	
No.	868	Description:	looking southwest	
No.		Description:		
No. Description: No. Description: No. Description:		Description:		
		Description:		
		Description:		
No.		Description:		
No.		Description:		
Comm IMP siz	eents IMF ee = 517 sq ft	reats 29% of the drainage a	area	

UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS) FORM 3 -- Opportunities and Constraints of Potential Management Practice





IMP / BMP ID: 15 Site ID: LLEP Catchment ID: BB10

New LID IMP ✓ SWM BMP Retrofit ✓ New SW	M BMP □ Ty _l	pe (Sheets 4 & 5):	38	
State Plane Coordinates of IMP / BMP Centroid:	X:	Y:		
Sketch Location of Footprint (with Approximate Dimension	ns) and Drainage B	oundary on Site M	ар	
Identify all Impairments Addressed by Recommendation	(Sheet 1): <u>1, 2,</u>	3, 4, 7, 16		
Treatment Area Ownership: Transportation ROW Utili	ty ROW County	Other Government	✓ Private	
Infrastructure / Structures / Buildings Impacted: ¬YES	✓ NO			
Limited Impact to Adjacent Properties: ✓ YES NO				
Area Accessible for Construction: ☑ YES ☐ NO				
Area Accessible for Maintenance: ☑ YES ☐ NO				
Limited Permitting Issues: ✓ YES □ NO				
Jurisdictional Wetlands Impacted: ☐ YES ☑ NO				
Forest Retention Area Impacted: YES NO				
Conservation Easement Impacted: ☐ YES ☑ NO				
Utilities Present: ☑ None ☐ Natural Gas ☐ Electric ☐ Telephor	e Cable Water	Sewer Other		
Utilities Impacted: ☑ None ☐ Natural Gas ☐ Electric ☐ Telephor	e Cable Water	Sewer Other		
Impacted Utilities: Above Gound Underground				
Critical Area Impacted: YES VNO				
Mature / Specimen Trees Impacted: ✓ YES □ NO				
Existing Landscaping Impacted:				
Underdrain Needed: ☐ YES ☑ NO Underdrains Can Discharge: ☑ YES ☐ NO				
Soils are Suitable: ☑YES ☐NO Ground V	Vater Table Level S	uitable: 🔽 YES	NO	
Estimate IMP / BMP drainage area included on site:	<u>0.35</u> ac		100%	
Retrofit of Existing SWM BMP				
SDI ID: Ad	ld Forebay: □YES	s 🔲 NO		
Modify Outlet Stucture: ☐ YES ☐ NO Ac	dd Aquatic Bench: [YES NO		
Grade Bottom of Facility: ☐YES ☐NO PI	ant Native Vegetatio	on: YES NO		
Provide Additional Storage Volume: TYES NO				
Excavation / Raise the Embankment:				

IMP / BMP ID: 15 Site ID: LLEP Catchment ID: BB10

MARY	
0.024	Re _v (provided): 0.001
0.35	Impervious Area Treated (ac): 0.30
Description:	looking west
Description:	looking east
Description:	
the drainage area	
	Description:

UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS) FORM 3 -- Opportunities and Constraints of Potential Management Practice



