

# Maryland State Forest Conservation Program

# Annual Report

# July 1, 2010 - June 30, 2011

## (MSAR #6958)

Submitted by: John R. Griffin Secretary, Maryland Department of Natural Resources

Submitted to: Senate Education, Health and Environmental Affairs Committee Joan Carter Conway, Chairman

House Environmental Matters Committee Maggie McIntosh, Chairman

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#### Introduction

The Forest Conservation Act (NRA 5-1613) requires that on or before July 1 of each year, the Department shall submit a report that shall include:

- (1) the number, location, and type of projects subject to the provisions of the Forest Conservation Act;
- (2) the amount and location of areas cleared, conserved and planted in connection with a development project;
- (3) the amount of reforestation and afforestation fees and noncompliance penalties collected and expended; and,
- (4) the costs of implementing the forest conservation program;
- (5) the size, location, and protection of any local forest mitigation banks which are created under a local or State program;
- (6) the number, location, and type of violations and type of enforcement activity conducted in accordance with this subtitle; and
- (7) To the extent practicable, the size and location of all conserved and planted forest areas, submitted in an electronic geographic information system or computer aided design format. (Nat. Res. Art. 5-1613, Annotated Code of Maryland)

Due to amendments adopted in 1994, the Department is tasked with collecting individual reports from local jurisdictions and submitting a collective report for statewide Forest Conservation activities. This report provides summary statistics of reviews conducted by the local jurisdictions and the DNR- Forest Service State Forest Conservation Program during the report period, and details additional activities in the Department's implementation of the Forest Conservation Act. These activities can include: assistance to local jurisdictions, the biennial review of locally adopted forest conservation programs, training, recognition of outstanding examples of development design in conjunction with Forest Conservation, and identification of qualified professionals. Since a 1998 amendment, the reports submitted by the local jurisdictions contain information on the *previous fiscal year's activities*.

The DNR- Forest Service reviews all applicable projects by: (1) State agencies; (2) State-funded projects conducted by local jurisdictions; (3) any projects conducted by a local jurisdiction which does not have a local program in effect; and (4) any projects making application to a local jurisdiction which does not have a local program in effect (COMAR 08.19.04.01). This review is conducted from the Forest Service's four regional offices with assistance and coordination from its Headquarters office in Annapolis. The information reported contains information on the *current fiscal year's activities*.

For both local jurisdictions and the DNR-Forest Service, only those projects that have received final forest conservation plan approval are reported. This under represents the total number of reviews conducted each year, because every project requires the review of both Forest Stand Delineation and a Forest Conservation Plan, and a project may have been reviewed during the year without applying for and receiving final approval.

#### **Overall Summary**

The combined local jurisdictions and DNR-Forest Service reports indicate:

- 19 counties and 36 municipalities have submitted annual reports. Reports are missing from the following jurisdictions: Anne Arundel, Charles and Talbot Counties and numerous towns including Baltimore City.
- 1,726 activities subject to Forest Conservation regulations were reviewed; 967 were exemptions.
- 7,297 acres of existing forest on 15,412 acres of net tract area were reviewed. (47% forest cover)

## To the extent practicable, the size and location of all conserved and planted forest areas, submitted in an electronic geographic information system or computer aided design format

This information has been collected and can be made available upon request. Contact Dave Foreman of MD DNR GIS Department at dforeman@dnr.state.md.us. As this is the first year of collecting easement information in a design format, not all jurisdictions were able to submit the information.

Anne Arundel Baltimore Calvert Caroline Carroll Cecil Charles Dorchester Frederick Howard Kent Montgomery	Aberdeen Annapolis Elkton Emmitsburg City of Frederick Leonardtown Perryville Poolesville Rising Sun Rockville
	C C C C C C C C C C C C C C C C C C C
	Rockville
Montgomery	
Queen Anne's	
St. Mary's Talbot	
Washington	
Wicomico	
Worcester	
(18)	(10)

# Assist Developers, Planners, Consultants and Others in Preparing Forest Stand Delineations and Forest Conservation Plans

- The Forest Service continues to provide guidance through training workshops and other means to individuals qualified to prepare Forest Stand Delineations and Forest Conservation Plans. Since 1994, the Forest Service offered its Forest Conservation for Qualified Professionals Course, a 40 hour course, through community colleges around the State. The forest conservation course has been offered by Carroll Community College, through distance learning program between Allegany Community College/Anne Arundel Community/WorWic Community College, and is included in a five-course curriculum for a Certificate in Forest Ecology and Management offered by Johns Hopkins University.
- An updated list of more than 760 qualified professionals, licensed foresters and licensed landscape architects able to prepare submittals, who responded to a survey on forest conservation submittals, is available via the Department's World Wide Web Page.
- To date approximately 760 persons who have applied to the Department have met the Department's criteria for other qualified professionals (COMAR 08.19.06.01) and have been approved to prepare Forest Stand Delineations and Forest Conservation Plans. These are in addition to the over 650 licensed landscape architects and 350 licensed foresters who may prepare Forest Stand Delineations and Forest Conservation Plans according to Natural Resources Article 5-1604 and 5-1605, Annotated Code of Maryland.
- Staff assisted with numerous continuing education seminars, classroom presentations in higher education natural resources departments, at professional and local government meetings, etc.

- **2,390 acres** of forest were approved for clearing (33% of existing forest under review)
- 991 acres of forest were planted and 4,574 acres were placed in long-term protective agreements.

Local Jurisdictions reports (see Table 1a and 1b for individual reporting):

- **1,686** activities subject to Forest Conservation regulations were reviewed; 951 were exemptions.
- 7,210 acres of existing forest on 15,102 acres of net tract area were reviewed. (48% forest cover)
- 2,359 acres of forest were approved for clearing (33% of existing forest under review)
- 984 acres of forest were planted and 4,502 acres were placed in long-term protective agreements.

**DNR-Forest Service report** (see Table 2):

- 40 activities subject to Forest Conservation regulations were reviewed; 16 were exemptions.
- 88 acres of existing forest on 310 acres of net tract area were reviewed. (28% forest cover)
- 31 acres of forest were approved for clearing (35% of existing forest under review)
- 7 acres of forest were planted and 71 acres were placed in long-term protective agreements.
- Fees-in-lieu of mitigation collected **\$13,329.36**; expended **\$0.00** on tree planting. Additionally \$0.00 was awarded through grants to municipalities, homeowners' associations and schools.
- Enforcement actions 0; penalties assessed \$0.00; fines collected \$0.00.

#### **Departmental Assistance to Local Jurisdictions**

- Assistance in the Development and Implementation of Local Programs All program submissions and amendments are reviewed in detail by the Department's Forest Conservation staff and the Director of the Forest Service.
  - 1) Reviewed ordinances amendments for: Carroll, Talbot, Washington, Kent, St. Mary's and Somerset Counties and Middletown, Frederick City, Havre de Grace, Centreville, Denton, Queenstown, and Rockville.
  - 2) Provided project review and implementation assistance to local jurisdictions: Anne Arundel, Worcester and various other counties and various municipalities.
- The status of the 142 jurisdictions with planning and zoning authority in the State is noted in Appendix 1.

#### **Biennial Reviews of Local Forest Conservation Programs**

The Forest Conservation Act requires that the Department conduct reviews of local forest conservation programs every two years. In the process of conducting the program reviews, staff assesses the compliance of the local program with the intent and standards of the Forest Conservation Act and identifies necessary refinements.

Biennial Reviews of L	ocally Adopted Forest Conser	vation Programs Conducted	1
During FY2010			
Central Region	Eastern Region	Southern Region	Western Region
	Talbot		Frederick
(0)		(0)	
	(1)		Emmittsburg
			Hagerstown
			Myersville
			Middletown
			New Market
			(6)
Total biennial review	vs: 7		

#### Appendix 1 - Status of Local Forest Conservation Programs

#### COUNTIES

#### **MUNICIPALITIES**

Adopted or assigned

Anne Arundel	Aberdeen @
Baltimore	Annapolis @
Calvert	Baltimore City @
Caroline	Barnesville @
Carroll	Bel Air @
Cecil	Berlin *
Charles	Betterton *
Dorchester	Boonesboro *
Frederick	Brookeville @
Harford	Brunswick *
Howard	Burkittsville *
Kent	Cambridge @
Montgomery	Cecilton *
Prince George's	Centreville @
Queen Anne's	Charlestown *
St. Mary's	Chesapeake Beach @
Somerset	Chesapeake City *
Talbot	Chestertown @
Washington	Church Hill @
Wicomico	Clear Spring *
Worcester	Crisfield *
	Delmar *
(21)	Denton @
	East New Market *
	Easton @
	Elkton @
	Emmitsburg @
	Federalsburg+
	Frederick City @
	Fruitland *
	Funkstown *
	Gaithersburg @
(a) adopted	Galena*
* assigned	Greensboro @
+ CA/FCA	Hagerstown @
	Hampstead *
	Hancock *
	Havre de Grace @
	Hebron *
	Indian Head @
	Keedysville*
	La Plata @
	Laurel @
	Laurer

Laytonsville @ Leonardtown @ Manchester \* Mardela Springs \* Middletown @\* Millington \* Mount Airy \* Myersville @ New Windsor \* New Market @ North East \* Ocean City @ Oxford @ Perryville @ Pittsville \* Pocomoke City \* Poolesville @ Port Deposit\* Preston @ Princess Anne \* Queenstown @ Rising Sun @ Rock Hall \* Rockville @ Rosemont \* Salisbury \* Sharpsburg \* Sharptown \* Smithsburg \* Snow Hill \* Sykesville\* Taneytown\* Thurmont \* Union Bridge \* Vienna \* Walkersville \* Washington Grove @ Westminster \* Willards \* Williamsport \* Woodsboro \*

(84)

## **COUNTIES**

State Program Review

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## **MUNICIPALITIES**

Goldsboro Hurlock Queen Anne Ridgely Secretary St. Michaels Sudlersville Trappe

(8)

Accident Barton Cumberland Deer Park Friendsville Frostburg Grantsville Highland Beach Kitzmiller Loch Lynn Heights Lonaconing Luke Midland Mt. Lake Park North Beach Oakland Port Tobacco Westernport

(18)

Barclay Brookview Church Creek Eldorado Galestown Henderson Hillsboro Marydel Templeville

(9)

#### Exempt

Allegany Garrett

(2)

Not Exercising Planning and Zoning

#### FY 2010 Local Forest Conservation Annual Report

	Total Reviews	Exemptions	Projects Reviewed	Net Tract Area	Area of	Area of Floodplain		Existing Forest	Cleared Forest	R	etained F	orest	Pla	nted Fores	st I	Long Term Protection
Jurisdiction	Exemptions	Total	Total regulated	Net tract area	Total floo	dplain in		Forest in net	All forest cleared	Retained forest			All forest pla	anted for al		Total amount of forest placed
(counties)	plus	exemptions	activities reviewed	under review	in all proje	cts review	ved	tract area	including	minus flo	minus floodplain		projects incl	luding flood	plain	into LTP as a result of all
	Project reviews	granted			unforested f	orested	total	minus floodplain	floodplain	onsite	offsite	total	onsite	offsite	total	projects including floodplain
Anne Arundel	0						0.0		2			0.0			0.0	.*)
<b>Baltimore City</b>	0						0.0					0.0			0.0	
Baltimore	140	0.75	87	1,014.7	15.7	84.4	100.1	461.7	156.1	306.4	0.0	306.4	25.0	2.4	27.4	328.3
Calvert	33	7	26		0.0	0.0	0.0	77.7	30.8	39.6	0.0	39.6	0.0	4.4	4.4	39.6
Caroline	10	0	10	207.7	0.0	0.0	0.0	97.0	28.2	25.7	38.6	64.3	2.6	0.0	2.6	64.3
Carroll	116		35	662.8	NR	NR	0.0	166.8	45.6	121.2	0.0	121.2	85.2	21.4	106.6	186.8
Cecil	119	106	13	305.1	NR	NR	0.0	92.0	8.2	53.4	0.0	153.5	4.0	0.0	4.0	57.4
Charles	0						0.0					0.0			0.0	
Dorchester	20	11	9		0.0	0.0	0.0	42.7	5.2	37.5	0.0	37.5	1.4	0.0	1.4	30.4
Frederick	- 55	24	31	1,797.5	46.5	140.1	186.6		149.0	553.6	16.4	570.0	97.7	5.1	102.8	654.1
Harford	38	0	38	2,548.5	0.0	0.0	0.0	1,631.5	423.3	1,208.6	0.0	1,208.6	74.4	31.1	105.5	1,195.9
Howard	207	63	144	445.3	19.8	26.1	45.8	261.9	169.0	92.9	1.7	94.5	17.5	11.4	28.9	123.5
Kent	12	8	4	36.6	0.0	2.7	2.7	61.0	16.7	43.0	0.0	43.0	0.5	0.0	0.5	35.6
Montgomery	161	108	53	1,063.0			0.0	377.0	106.0	271.0	11.8	282.8	29.0	18.4	47.4	94.0
Prince George's	376	296	80		0.0	259.1	259.1	1,743.6	690.6	891.0	238.8	1,129.8	131.7	238.8	370.5	1,182.8
Queen Anne's	- 1	0	1	85.0	0.0	0.0	0.0	83.0	7.2	50.0	0.0	50.0	0.0	0.0	0.0	50.0
Saint Mary's	24	0	24	1,175.0	NR	NR	0.0	946.4	349.2	596.2	107.5	703.7	15.6	27.4	43.0	NR
Somerset	8	4	4	39.2	NR	NR	0.0	8.6	3.3	5.3	0.6	5.9	2.9	0.0	2.9	8.8
Talbot	0						0.0					0.0			0.0	
Washington	124	96	28		NR	NR	0.0	212.6	52.2	160.7	0.0	160.7	54.3	0.0	54.3	108.9
Wicomico	113	42	71	367.2	NR	NR	0.0	78.8	6.5	44.6	3.0	47.6	30.2	5.6	35.8	128.0
Worcester	62	38	24	291.1	NR	NR	0.0	104.4	21.8	61.1	17.5	78.7	0.2	0.0	0.2	78.8
							0.0					0.0			0.0	
Total	1619	937	682	14,116.6	82.0	512.3	594.3	7,005.9	2,268.8	4,561.7	435.9	5,097.8	572.2	366.0	938.2	4,367.2

	In-Lieu	Fees	Stream But	fers	Stream Buffe	rs	Implementation	Labor Spent	Forest Retent	ion Banks		
Total amount of bond	Collected	Expended	Conserved for a	ll projects	Newly est'd for a	all projects	Costs	Number of hours	Existing		Newly plante	
posted for all projects	for fiscal year	for fiscal year					Annual cost of the	devoted to	(acres) placed of		(acres) placed or	
			Linear Length	Acreage	Linear Length	Acreage	program in dollars	implement program	Newly Created	Debited	Newly Created	Debited
\$402,712.20		\$310,763.00	30,782.0	118.8	630.0		NR	NR	51.3	17.3	25.8	22.3
\$0.00	\$31,363.20	\$53,203.00	NR	NR	NR	NR	\$67,515.04	1,733.4	4.0	0.0	0.0	0.0
\$1,493.40	\$0.00	\$0.00	NR	9.5	0.0		\$1,999.45	66.0	0.0	0.0	0.0	0.0
\$154,948.00	\$0.00	\$0.00	0.0	0.0	0.0		\$127,910.00	4,129.0		0.0	5.5	8.1
\$73,162.84	\$0.00	\$0.00	NR	NR	NR	NR	\$72,000.00	NR	107.7	0.0	0.0	1.5
\$3,481.00	\$0.00	\$0.00	1,993.0	2.5	1,993.0	2.5	\$34,837.00	1,896.0	0.0	0.0	0.0	0.0
\$368,867.55	\$23,438.78	\$40,530.00	63,006.0	249.8	11,254.0	47.5	\$65,000.00	1,562.0	225.0	41.5	38.5	5.6
\$391,196.06	\$0.00	\$0.00	114,213.0	395.9	0.0	0.0	NR	NR	0.0	0.0	0.0	0.0
NR	\$651,633.00	\$0.00	17,842.0	32.2	4,235.0	3.3	NR	NR	17.5	0.0	0.0	0.0
\$1,286.30	\$7,405.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	2.0	0.0	0.0	0.0	0.0
NR	\$30,056.40	\$98,000.00	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
\$119,310.96	\$222,371.49	\$13,371.00		721.8		138.0	\$263,656,13	4,972.2	29.5	31.7	19.6	57.8
\$0.00	\$0.00	\$0.00	0.0	0.0	0.0		NR	NR	0.0	0.0	0.0	0.0
	\$ 104,917.92	NR	NR	NR		NR	NR	NR	0.0	0.0	0.0	0.0
\$0.00	the second second	\$0.00	0.0	0.0			NR	NR	NR	NR	NR	NR
• • • • •		•0.00	0.0	0.0	0.0							
\$0.00	\$26,937.50	\$117,809.90	NR	NR	NR	NR	\$4,640.00	NR	0.0	0.0	0.0	0.0
\$32,400.00	\$10,657.80	NR	NR	NR	NR	NR	NR	1.079.0	51.4	16.3	0.0	0.0
\$0.00	\$1,916.10	\$0.00	3,725.0	NR	0.0	0.0	\$4,579.50	NR	0.0	3.5	0.0	0.0
										0.0		
\$1,548,858,31	\$1,337,145.99	\$633,676.90	231,561.0	1,530.5	18,112.0	199.4	\$642,137.12	15,439.6	486.3	110.3	89.4	95.3

#### FY 2010 Municipal Forest Conservation Annual Report

	Total Reviews	Exemptions	Projects Reviewed	Net Tract Area		of Floodpl		Existing Forest	Cleared Forest		Retained Fo		<ul> <li>C. 2020020</li> </ul>	ted Fores	
Municipality	Exemptions plus	Total	Total regulated			Forest in net tract	All forest cleared	Retained for	est minus flo	odplain	All forest plan				
	Project reviews	Exemptions	activities reviewed	under review	all proj	ects review	ed	area minus floodplain	including floodplain				projects includ		
		granted			unforested	forested	total			onsite	offsite	total	onsite	offsite	total
Aberdeen	14	4 4	10	344.0	3.4	1.0	4.4	112.2	48.5	69.2	4.3	73.5	3.1	4.3	7.4
Annapolis		4 0	4	63.2	0.0	0.0	0.0	30.9	17.8	13.5	0.0	13.5	6.0	0.0	6.0
Bel Air	:	5 3	2	8.8	0.0	0.0	0.0	0.3	0.2	0.1	0.0	0.1	0.0	0.0	0.0
Betterton *	(	0 0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brunswick *	(	0 0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cambridge	2	4 2	2	34.1	0.0	0.0	0.0	29.0	7.3	21.8	0.0	21.8	0.0	0.0	0.0
Cecilton #	(	0 0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Charlestown # *	(	0 0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chesapeake City #	(	0 0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Crisfield #	(	0 0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denton		0 0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Frederick City	1	9 0	19	260.3	0.0	0.0	0.0	4.5	0.5	4.0	0.0	4.0	17.7	7.8	25.5
Gaithersburg		6 NR	6	61.8	NR	NR	0.0	21.3	15.0	6.3	0.0	6.3	4.0	1.0	5.0
Galena *		0 0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Greensboro *		0 0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Havre de Grace *		0 0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hurlock *		0 0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
La Plata *		0 0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Laurel		1 0	1	1.2	0.0	0.0	0.0	1.2	0.9	0.3	0.0	0.3	0.0	0.0	0.0
Laytonsville *		0 0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Leonardtown *		0 0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Middletown		2 1	1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Millington *		0 0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
North East #		0 0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Perryville #		1 0	1	4.4	NR	NR	0.0	0.5	0.5	0.0	1.1	1.1	0.0	0.0	0.0
Poolesville	1	3 2	1	185.1	0.0	0.0	0.0	NR	NR			0.0	1		0.0
Port Deposit #		0 0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Princess Anne #		1 0	1	4.4	NR	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7
Queenstown *		0 0	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rising Sun #		0 0	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rock Hall *		0 0	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rockville		6 1	5	17.1	NR	NR	0.0	3.9	0.0	3.9	0.5	4.4	0.6	0.1	0.8
Rosemont *		0 0	C									0.0		0.0	0.0
Thurmont *		0 0	C									0.0		0.0	0.0
Walkersville		1 1	C									0.0		0.0	0.0
Washington Grove	,	0 0	C									0.0		0.0	0.0
Total All Municipalities	6	7 14	53	985.2	3.4	1.0	4.4	203.7	90.6	119.0	5.9	124.9	32.1	13.2	45.3

Del Delegated to County # Reported by County

\* Letter of No Activity

NR not reported: Barnesville, Centreville, Chesapeake Beach, Chestertown, Delmar, East New Market, Easton, Elkton, Emmitsburg, Federalsburg, Fruitland, Hagerstown, Hebron, Indian Head, Mardela Springs, New Market, Ocean City, Oxford, Pittsville, Salisbury, Sharptown, Vienna, Williards, and Woodsboro.

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Long Term Protection	Bond Amount Posted	In-Lieu	Fees	Stream Buffers		Stream Buffers		Implementation	Labor Spent	Forest Reter	ntion Bank	Forest Retention Banks		
Total amount of forest placed	Total amount of bond	Collected	Expended	Conserved f	1000	Newly est'd for		Costs	# of hours devoted	Existin	g forest	Newly plante		
into LTP as a result of all	posted for all projects	for fiscal year	for fiscal year	for all project.		for all projects		Annual cost of	to implementing	(acres) placed	Contraction of the second second	(acres) placed or		
projects including floodplain				Linear Length	Acreage	Linear Length Ac	reage	the program \$	the program	<b>Newly Created</b>	Debited	Newly Created	Debited	
75.6	\$0.00	\$115,172.80	\$23,132.31	0.0	0.0	0.0	0.0	NR	NR	0.0	0.0	0.0	0.0	
10.5	NR	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$2,500.00	50.0	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$1,742.00	\$1,380.00	0.0	0.0	0.0	0.0	NR	NR	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0	
11.4	NR	\$1,306.80	\$1,306.80	0.0	0.0	0.0	0.0	\$2,160.00	36.0	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	, 0.0	0.0	
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0		
0.0	\$0.00	\$0.00	\$11,545.11	0.0	0.0	0.0	0.0	\$147.85	NR	0.0	0.0	0.0	0.0	
22.5	\$266,277.30	\$70,933.54	\$28,900.00	0.0	0.0	0.0	0.0	NR	NR	0.0	0.0	0.0	0.0	
8.1	\$0.00	\$11,325.60	\$0.00	900.0	6.2	0.0	0.0	\$1,800.00	NR	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	NR	NR	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$2,352.24	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0	
1.1	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0	
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0	
0.7	\$20,850.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0		
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0		
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0		
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0		
5.3	\$21,543.00	\$13,267.56	\$13,267.56	0.0	0.0	405.0	2.9	\$144,600.00	4,160.0	0.0	0.0	0.0		
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0		
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0		
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0		
0.0	\$0.00	\$0.00	\$0.00	0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0		
135.2	\$308,670.30	\$216,100.54	\$79,531.78	900	6.2	405	2.9	\$151,207.85	4,246.0	0.0	0.0	0.0	0.0	

UIAI	L-112011	Annual Report							ALC: No. OF STREET, ST	and the second			ů.
County	Watershed	Sub watershed		Total Ex. Forest Area (ac)	Total For Retained Onsite	(ac)	Total (ac) Forest Cleared	Total	Planted ( Offsite		Total (ac) Forest Protected	Fee-in-lieu Owed (\$)	Fee-in-lieu Collected (\$)
CENTRAL REGION													
Howard	Patapsco	Lower North Branch	3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	\$0.00	\$0.00
Howard	Patuxent	Little Patuxent	3.7	0.4	0.0	0.9	0.4	0.0	0.0	0.0	0.9	\$0.00	\$0.00
Baltimore	Patapsco	Jones Falls	23.9	0.1	0.0	2.7	0.1	0.0	0.0	0.0	2.7	\$0.00	\$0.00
Baltimore	Patapsco	Lower North Branch	1.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	\$0.00	\$0.00
Baltimore	Patapsco	Back River	6.5	1.1	0.0	0.0	1.1	0.0	0.0	0.0	0.0	\$29,010.96	\$0.00
Harford	Bush	APG Area	15.4	4.5	3.4	0.0	1.2	0.0	0.0	0.0	3.6	\$0.00	\$0.00
Harford	Bush	Bush River	28.7	0.0	0.0	0.0	0.0	4.3	0.0	4.3	4.3	\$0.00	\$0.00
Baltimore City	Patapsco	Gwynns Falls	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$3,345.41	\$0.00
Montgomery	Patuxent	Rocky Gorge Dam	9.0	0.9	2.3	0.0	0.9	0.0	0.0	0.0	2.3	\$0.00	\$0.00
Montgomery	Wash Metro	Anacostia	2.9	1.5	0.0	1.2	1.5	0.0	0.0	0.0	1.2	\$0.00	\$0.00
Central Region Totals			96.7	8.5	6.1	5.0	5.1	4.3	0.0	4.3	15.6	\$32,356.37	0.0
EASTERN REGION	anatalandia kanalarah di katalar	nanista venten na dan adar selamatan ana terda ada selamat	Constant Sector Sector Sector	n er en of de en of Services	kin at in Sadardark	adaan darah s	Barn Bedricker, And		فكبيت بالمحمدانين	ine and the s	addennastis and deservations	an o diala a secondo secondo.	enise naiselonannelsa ann a
Dorchester	Nanticoke	Fishing Bay	17.3	0.6	0.6	0.0	0.0	0.4	0.0	0.4	1	0	0
Queen Anne's	Chester	Wye River	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0	0	\$3,005.64	\$3,005.64
Eastern Region Totals			18.8	0.6	0.6	0.0	0.0	0.4	0.0	0.4	1.0	\$3,005.64	\$3,005.64
SOUTHERN REGION	and the shortshe are seen to have	nann se a ar an ann an an airtinn na airtean an airtinn	ing and the second s	an Kaladara	inin sani decinci		أهدد منعيات مختلفات	anna connis			an a	ni <b>Lini Con</b> cidente de la	ER BER LEVEL AND
Prince George's	Wash Metro	Anacostia River	8.6	1.3	0.0	0.0	1.3	0.0	0.0	0.0	1.1	\$0.00	\$10,323.72
Prince George's	Wash Metro	UpprTidal PotomacRvr	33.1	14.8		0.0				2.5		\$0.00	\$0.00
Prince George's	Wash Metro	Piscataway Creek	147.8	62.9		8.3				0.0	52.4	\$0.00	\$0.00
Prince George's	Patuxent	Patuxent River Upper	4.5	0.0		0.0				0.0	0.7	\$0.00	\$0.00
Southern Region Totals			194.0	79.0		8.3				2.5		\$0.00	\$10,323.72
WESTERN REGION	, iyan ali ashina , and ta'an ashina an	a fanta ana disa ana dan Sanasa ang ang ang ang ang ang ang		and the distance			ennes inite includi	ister cardaoli		and the		andrida a chemicarea	infation and the foreign and the stations? In 2010
Washington	Uppr Potomac	Potomac Rvr WA Co	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00
Western Region Totals			0.9	0.0	0.0	0.0				0.0		\$0.00 \$0.00	\$0.00 \$0.00
State Totals			310.4	88.1	52.0	13.5	30.6	7.2	0.0	7.2	71.4	\$35,362.01	\$13,329.36

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