



Maryland State Forest Conservation Program

Annual Report

July 1, 2011 - June 30, 2012

(MSAR #6958)

Submitted by:

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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:

- 20 counties and 32 municipalities have submitted annual reports. Reports are missing from the following jurisdictions: Anne Arundel, Caroline, Charles, Dorchester, Talbot, Washington, and Wicomico Counties and numerous towns.
- **1,144** activities subject to Forest Conservation regulations were reviewed; 572 were exemptions.
- **6,670 acres** of existing forest on **14,542 acres** of net tract area were reviewed. (46% forest cover)

- **2,352 acres** of forest were approved for clearing (16% of existing forest under review)
- **931 acres** of forest were planted and **4,186 acres** were placed in long-term protective agreements.

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

- **1,105** activities subject to Forest Conservation regulations were reviewed; 556 were exemptions.
- **6,582 acres** of existing forest on **13,766 acres** of net tract area were reviewed. (48% forest cover)
- **2,321 acres** of forest were approved for clearing (17% of existing forest under review)
- **924 acres** of forest were planted and **4,101 acres** were placed in long-term protective agreements.

DNR-Forest Service report (see Table 2):

- **39** activities subject to Forest Conservation regulations were reviewed; 16 were exemptions.
- **88 acres** of existing forest on **776 acres** of net tract area were reviewed. (11% forest cover)
- **31 acres** of forest were approved for clearing (4% of existing forest under review)
- **7 acres** of forest were planted and **85 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: Montgomery, Prince George's, Talbot, Washington, Worcester, St. Mary's, Anne Arundel, Carroll, Cecil and Talbot Counties and Middletown, Poolesville, Frederick City, Hagerstown, Rockville, Gaithersburg, Laytonsville, and Bel Air.
 - 2) Provided project review and implementation assistance to local jurisdictions: Cecil and Carroll 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 Locally Adopted Forest Conservation Programs Conducted During FY2012			
<u>Central Region</u>	<u>Eastern Region</u>	<u>Southern Region</u>	<u>Western Region</u>
Baltimore Co. Harford Co. Howard Co. Montgomery Co. Cecil Co. Carroll Co. Aberdeen Baltimore City Bel Air Elkton Gaithersburg Havre de Grace	Somerset Co. Talbot Co.	Anne Arundel Co. Calvert Co. Charles Co. Prince George's Co. St. Mary's Co. Annapolis Chesapeake Beach Indian Head La Plata Laurel Leonardtwn	

Poolesville Rockville Washington Grove (15)	(2)	(11)	(0)
Total biennial reviews: 28			

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.

Electronic Easement Information Submitted by Local Forest Conservation Programs		
Baltimore Calvert Carroll Cecil Frederick Harford Kent Queen Anne's Washington Worcester (10)	Aberdeen Leonardtown Millington (3)	

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.
- To date approximately 800 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.

Appendix 1 - Status of Local Forest Conservation Programs

	<u>COUNTIES</u>		<u>MUNICIPALITIES</u>	
<u>Adopted</u> or <u>assigned</u>	Anne Arundel		Aberdeen @	Laytonsville @
	Baltimore		Annapolis @	Leonardtwn @
	Calvert		Baltimore City @	Manchester *
	Caroline		Barnesville @	Mardela Springs *
	Carroll		Bel Air @	Middletown @*
	Cecil		Berlin *	Millington *
	Charles		Berterton *	Mount Airy *
	Dorchester		Boonesboro *	Myersville @
	Frederick		Brookeville @	New Windsor *
	Harford		Brunswick *	New Market @
	Howard		Burkittsville *	North East *
	Kent		Cambridge @	Ocean City @
	Montgomery		Cecilton *	Oxford @
	Prince George's		Centreville @	Perryville @
	Queen Anne's		Charlestown *	Pittsville *
	St. Mary's		Chesapeake Beach @	Pocomoke City *
	Somerset		Chesapeake City *	Poolesville @
	Talbot		Chestertown @	Port Deposit*
	Washington		Church Hill @	Preston @
	Wicomico		Clear Spring *	Princess Anne *
	Worcester		Crisfield *	Queenstown @
	(21)		Delmar *	Rising Sun @
			Denton @	Rock Hall *
			East New Market *	Rockville @
			Easton @	Rosemont *
			Elkton @	Salisbury *
			Emmitsburg @	Sharpsburg *
			Federalsburg+	Sharptown *
			Frederick City @	Smithsburg *
			Fruitland *	Snow Hill *
			Funkstown *	Sykesville*
			Gaithersburg @	Taneytown*
			Galena*	Thurmont *
			Greensboro @	Union Bridge *
			Hagerstown @	Vienna *
			Hampstead *	Walkersville *
			Hancock *	Washington Grove @
			Havre de Grace @	Westminster *
			Hebron *	Willards *
			Indian Head @	Williamsport *
			Keedysville*	Woodsboro *
			La Plata @	
			Laurel @	(84)

@ adopted
* assigned
+ CA/FCA

State Program
Review

COUNTIES

MUNICIPALITIES

Goldsboro
Hurlock
Queen Anne
Ridgely
Secretary
St. Michaels
Sudlersville
Trappe

(8)

Exempt

Allegany
Garrett

(2)

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

(18)

Not Exercising
Planning and
Zoning

Barclay
Brookview
Church Creek
Eldorado
Galestown
Henderson
Hillsboro
Marydel
Templeville

(9)

FY 2011 Local Forest Conservation Annual Report

Jurisdiction	Total Reviews <i>Exemptions plus Project reviews</i>	Exemptions <i>Total exemptions granted</i>	Projects Reviewed <i>Total regulated activities reviewed</i>	Net Tract Area <i>Net tract area under review</i>	Area of Floodplain <i>Total floodplain in all projects reviewed</i>			Existing Forest <i>Forest in net tract area minus floodplain</i>	Cleared Forest <i>All forest cleared including floodplain</i>
					unforested	forested	total		
Anne Arundel Co.	NR	NR	NR	NR	NR	NR	0.0	NR	NR
Baltimore City	18	0	18	NR	0.0	0.0	0.0	0.0	0.0
Baltimore Co.	105	36	69	1,051.1	0.8	88.9	89.7	372.6	64.1
Calvert Co.	15	4	11	172.2	NR	NR	0.0	127.4	63.8
Caroline Co.	NR	NR	NR	NR	NR	NR	0.0	NR	NR
Carroll Co.	73	45	28	538.5	NR	NR	0.0	111.1	13.3
Cecil Co.	71	63	8	205.5	0.0	0.0	0.0	77.7	13.0
Charles Co.	NR	NR	NR	NR	NR	NR	0.0	NR	NR
Dorchester Co.	NR	NR	NR	NR	NR	NR	0.0	NR	NR
Frederick Co.	74	41	33	899.9	9.7	19.9	29.6	256.7	44.9
Harford Co.	22	0	22	1,591.1	NR	NR	0.0	761.8	271.3
Howard Co.	194	52	142	437.1	6.3	23.1	29.4	174.2	77.0
Kent Co.	8	6	2	16.2	0.0	0.0	0.0	0.0	0.0
Montgomery Co.	68	NR	68	1,760.2	NR	NR	0.0	670.4	321.6
Prince George's Co.	320	246	74	5,286.2	NR	NR	0.0	3,031.6	1,105.2
Queen Anne's Co.	2	0	2	8.7	0.0	0.0	0.0	0.3	0.0
Saint Mary's Co.	18	0	18	866.1	NR	NR	0.0	752.5	270.2
Somerset Co.	5	3	2	306.0	NR	NR	0.0	95.9	16.8
Talbot Co.	NR	NR	NR	NR	NR	NR	0.0	NR	NR
Washington Co.	NR	NR	NR	NR	NR	NR	0.0	NR	NR
Wicomico Co.	NR	NR	NR	NR	NR	NR	0.0	NR	NR
Worcester Co.	64	48	16	188.4	NR	NR	0.0	100.6	33.9
							0.0		
Total All Counties	1057	544	513	13,327.1	16.8	131.9	148.7	6,532.7	2,295.1

Table 1a

Retained Forest <i>Retained forest minus floodplain</i>			Planted Forest <i>All forest planted for all projects including floodplain</i>			Long Term Protection <i>Total amt of forest placed into LTP as a result of all projects including floodplain</i>	Bond Amount Posted <i>Total amount of bond posted for all projects</i>	In-Lieu Fees		Stream Buil <i>Conserved for a</i>
onsite	offsite	total	onsite	offsite	total		Collected <i>for fiscal year</i>	Expended <i>for fiscal year</i>	Linear Length	
NR	NR	0.0	NR	NR	0.0	NR	NR	NR	NR	
0.0	0.0	0.0	8.7	0.8	9.5	0.0	\$0.00	\$0.00	\$0.00	
306.5	0.3	306.8	10.0	0.0	10.0	317.5	\$62,073.00	\$256,510.60	\$178,689.53	
61.1	0.0	61.1	0.0	0.0	0.0	0.0	\$0.00	\$74,879.64	\$59,675.00	
NR	NR	0	NR	NR	0.0	NR	NR	NR	NR	
92.2	0.0	92.2	28.4	8.5	36.9	129.7	\$72,180.00	\$0.00	\$0.00	
64.8	1.5	66.3	11.8	0.0	11.8	78.0	\$284,278.66	\$0.00	\$0.00	
NR	NR	0	NR	NR	0.0	NR	NR	NR	NR	
NR	NR	0	NR	NR	0.0	NR	NR	NR	NR	
212.4	11.0	223.4	53.6	0.0	53.6	277.1	\$834,717.89	\$36,977.48	\$580.00	
490.5	0.0	490.5	105.7	37.3	143.1	633.5	\$466,177.07	\$0.00	\$0.00	
97.2	6.0	103.2	41.6	11.4	53.1	156.3	NR	\$422,673.00	NR	
0.0	3.1	3.1	0.0	0.0	0.0	3.1	\$0.00	\$2,101.30	\$0.00	
344.3	36.8	381.1	105.4	21.2	126.6	137.0	\$648,761.20	\$63,310.60	\$12,424.55	
1,396.6	0.0	1,396.6	270.6	147.0	417.6	2,201.0	\$615,372.28	\$105,572.07	NR	
0.3	0.0	0.3	1.4	0.0	1.4	1.4	\$0.00	\$3,005.64	\$0.00	
452.6	0.1	452.7	7.3	2.9	10.2	NR	NR \$	49,684.20	NR	
79.1	0.0	79.1	1.9	0.0	1.9	61.7	\$936.00	\$0.00	\$0.00	
NR	NR	0.0	NR	NR	0.0	NR	NR	NR	NR	
NR	NR	0.0	NR	NR	0.0	NR	NR	NR	NR	
NR	NR	0.0	NR	NR	0.0	NR	NR	NR	NR	
65.5	10.3	75.8	2.0	0.0	2.0	76.8	\$2,631.30	\$2,528.00	\$6,650.00	
		0.0			0.0					
3,663.0	69.1	3,732.1	648.4	229.1	877.5	4,073.1	\$2,987,127.40	\$1,017,242.53	\$258,019.08	66,509.5

Table 1a

Offers all projects	Stream Buffers <i>Newly est'd for all projects</i>		Implementation Costs	Labor Spent	Forest Retention Banks <i>Existing forest (acres)</i>		Forest Retention Banks <i>Newly planted forest</i>		
	Acreage	Linear Length	Acreage	Annual cost of the program in dollars	Number of hours devoted to implementing the program	placed or debited		(acres) placed or debited	
						Newly Created	Debited	Newly Created	Debited
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
0.0	0.0	0.0	\$31,200.00	1,040.0	0.0	0.0	0.0	0.0	0.0
96.6	1,490.0	2.6	NR	NR	34.7	12.5	9.0	0.7	
NR	NR	NR	\$40,509.18	987.6	0.0	17.0	0.0	0.0	
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
11.8	4,900.0	15.9	\$118,392.00	3,646.0	75.8	8.9	0.0	0.0	
8.2	900.0	3.3	\$72,000.00	NR	0.0	0.0	0.0	0.0	
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
168.8	9,956.0	45.7	\$45,000.00	1,121.0	185.0	40.5	24.5	7.6	
NR	NR	NR	NR	NR	0.0	0.0	0.0	0.0	
9.1	1,458.0	1.9	NR	NR	36.7	0.0	0.0	0.0	
0.0	0.0	0.0	NR	2.0	0.0	0.0	0.0	0.0	
NR	NR	NR	\$944,769.78	19,032.8	3.9	39.0	7.3	2.4	
NR	NR	NR	\$310,571.50	5,451.0	100.2	118.4	16.1	27.1	
0.0	0.0	1.2	NR	NR	0.0	0.0	0.0	0.0	
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
0.0	0.0	0.0	NR	NR	NR	NR	NR	NR	NR
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
NR	200.0	NR	\$1,693.50	NR	0.0	0.0	0.0	6.4	
294.5	18,904.0	70.6	\$1,564,135.96	31,280.4	436.3	236.3	56.9	44.2	

FY 2011 Municipal Forest Conservation Annual Report

Municipality	Total Reviews	Exemptions	Projects Reviewed	Net Tract Area	Area of Floodplain			Existing Forest
	<i>Exemptions plus Project reviews</i>	<i>Total exemptions granted</i>	<i>Total regulated activities reviewed</i>	<i>Net tract area under review</i>	<i>Total floodplain in all projects reviewed</i>			<i>Forest in net tract area minus floodplain</i>
					unforested	forested	total	
Aberdeen	12	4	8	31.5	0.0	0.0	0.0	0.0
Annapolis *	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
Cecilton #	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
Chesapeake City #	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
Denton	0	0	0	0.0	0.0	0.0	0.0	0.0
Gaithersburg	18	0	18	388.9	0.0	0.0	0.0	47.7
Havre de Grace *	0	0	0	0.0	0.0	0.0	0.0	0.0
Indian Head *	0	0	0	0.0	0.0	0.0	0.0	0.0
Laytonsville *	0	0	0	0.0	0.0	0.0	0.0	0.0
Middletown *	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
Perryville #	0	0	0	0.0	0.0	0.0	0.0	0.0
Port Deposit #	0	0	0	0.0	0.0	0.0	0.0	0.0
Princess Anne #	0	0	0	0.0	0.0	0.0	0.0	0.0
Rising Sun #	0	0	0	0.0	0.0	0.0	0.0	0.0
Rock Hall	1	0	1	1.1	0.0	0.0	0.0	0.1
Rockville	15	6	9	17.4	0.0	0.0	0.0	1.1
Rosemont #	0	0	0	0.0	0.0	0.0	0.0	0.0
Thurmont #	0	0	0	0.0	0.0	0.0	0.0	0.0
Walkersville #	2	2	0	0.0	0.0	0.0	0.0	0.0
Woodsboro #	0	0	0	0.0	0.0	0.0	0.0	0.0
Total	48	12	36	438.8	0.0	0.0	0	48.8

Del Delegated to County

* Letter of No Activity

Reported by County

NR (not reported) : Barnesville, Bel Air, Betterton, Cambridge, Centreville, Chesapeake Beach, Chestertown, Delmar, East New Market, Easton, Elkton, Emmitsburg, Federalsburg, Frederick City, Fruitland, Galena, Greensboro, Hagerstown, Hebron, Hurlock, La Plata, Laurel, Leonardtown, Mardela Springs, Millington, New Market, Ocean City, Oxford, Pittsville, Poolesville, Queenstown, Salisbury, Sharptown, Vienna, Washington Grove, Willards

Table 1b

Cleared Forest <i>All forest cleared including floodplain</i>	Retained Forest			Planted Forest			Long Term Protection <i>Total amount of forest placed into LTP as a result of all projects including floodplain</i>	Bond Amount Posted <i>Total amount of bond posted for all projects</i>	In-Lieu Fees	
	<i>Retained forest minus floodplain</i>			<i>All forest planted for all including floodplain projects</i>					<i>Collected</i>	<i>Expended</i>
	<i>onsite</i>	<i>offsite</i>	<i>total</i>	<i>onsite</i>	<i>offsite</i>	<i>total</i>			<i>for fiscal year</i>	<i>for fiscal year</i>
0.0	0.0	0.0	0.0	0.4	0.0	0.4	2.2	\$0.00	\$11,325.60	\$149.99
0.0	0.0	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	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
0.0	0.0	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	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
0.0	0.0	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	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$900.00
25.2	22.5	0.0	22.5	38.3	7.0	45.2	22.2	\$0.00	\$23,322.10	\$106,987.11
0.0	0.0	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	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
0.0	0.0	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	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
0.0	0.0	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	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
0.0	0.0	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	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
0.0	0.0	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	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.2	\$14,760.00	\$0.00	\$0.00
0.2	1.0	1.0	2.0	0.7	0.3	1.0	3.0	\$88,420.00	\$1,928.75	\$1,928.75
0.0	0.0	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	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
0.0	0.0	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	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
25.4	23.5	1.0	24.5	39.5	7.2	46.7	27.6	\$103,180.00	\$36,576.45	\$109,965.85

Table 1b

Stream Buffers <i>Conserved for all projects</i>		Stream Buffers <i>Newly est'd for all projects</i>		Implementation Costs <i>Annual cost of the program in dollars</i>	Labor Spent <i>Number of hours devoted to implementing the program</i>	Forest Retention Banks <i>Existing forest (acres) placed or debited</i>		Forest Creation Banks <i>Newly planted forest (acres) placed or debited</i>	
Linear Length	Acreage	Linear Length	Acreage			Newly Created	Debited	Newly Created	Debited
0.0	0.0	0.0	0.0	NR	20.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	NR	NR	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$81.18	NR	0.0	0.0	0.0	0.0
2,137.0	9.8	0.0	0.0	NR	NR	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	NR	1.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$163,660.00	4,160.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
2137	9.81	0	0	\$163,741.18	4,181.0	0.0	0.0	0.0	0.0

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CENTRAL REGION			Forest Conservation Plan							
County	Watershed	Sub watershed	Total Site Acres (Net Tract)	Total Ex. Forest Area (ac)	Total Forest Retained		Total Forest Cleared (ac)	Total Planted		
					Onsite (ac)	Offsite (ac)		Onsite (ac)	Offsite (ac)	
Howard	Patapsco	Lower North Branch	3.0	0.0	0.5	0.0	0.0	0.0	0.0	
Howard	Patuxent	Little Patuxent	3.7	0.4	0.0	0.9	0.4	0.0	0.0	
Baltimore	Patapsco	Jones Falls	23.9	0.1	0.0	2.7	0.1	0.0	0.0	
Baltimore	Patapsco	Lower North Branch	1.4	0.0	0.0	0.2	0.0	0.0	0.0	
Harford	Bush	APG Area	14.4	4.5	3.4	0.0	1.2	0.0	0.0	
Baltimore	Patapsco	Back River	6.5	1.1	0.0	0.0	1.1	0.0	0.0	
Baltimore City	Patapsco	Gwynns Falls	2.1	0.0	0.0	0.0	0.0	0.0	0.0	
Harford	Bush	Bush River	28.7	0.0	0.0	0.0	0.0	4.3	0.0	
Montgomery	Patuxent	Rocky Gorge Dam	9.0	0.9	2.3	0.0	0.9	0.0	0.0	
Montgomery	Wash Metro	Anacostia	2.9	1.5	0.0	1.2	1.5	0.0	0.0	
Harford	Bush	APG Area	1.0	0.0	0.0	0.2	0.0	0.0	0.0	
Central Region Totals			96.7	8.5	6.1	5.2	5.2	4.3	0.0	
EASTERN REGION										
Dorchester	Nanticoke	Fishing Bay	17.3	0.6	0.6	0.0	0.0	0.4	0.0	
Queen Anne's	Chester	Wye River	1.5	0.0	0.0	0.0	0.0	0.0	0.0	
Eastern Region Totals			18.8	0.6	0.6	0.0	0.0	0.4	0.0	
SOUTHERN REGION										
Prince George's	Washington Metro	Anacostia River	8.6	1.3	0.0	0.0	1.3	0.0	0.0	
Prince George's	Washington Metro	Uppr Tidal Potomac Rvr	33.1	14.8	1.2	0.0	13.6	2.5	0.0	
Prince George's	Washington Metro	Piscataway Creek	147.8	62.9	44.1	8.3	10.5	0.0	0.0	
Prince George's	Patuxent	Patuxent River Upper	4.5	0.0	0.0	0.0	0.0	0.0	0.0	
Southern Region Totals			194.0	79.0	44.1	8.3	25.4	2.5	0.0	
WESTERN REGION										
Washington	Upper Potomac	Potomac River	0.9	0.0	0.0	0.0	0.0	0.0	0.0	
Western Region Totals			0.9	0.0	0.0	0.0	0.0	0.0	0.0	
State Totals			775.9	88.2	52.0	13.5	30.6	7.2	0.0	

Table 2

Total (ac)	Total Forest Protected (ac)	Fee-in-lieu Owed (\$)	Fee-in-lieu Collected (\$)
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0.0	0.5	\$0.00	\$0.00
0.0	0.9	\$0.00	\$0.00
0.0	0.9	\$0.00	\$0.00
0.0	0.2	\$0.00	\$0.00
0.0	3.4	\$0.00	\$0.00

0.0	0.0	\$29,010.96	\$0.00
0.0	0.0	\$3,345.41	\$0.00
4.3	4.3	\$0.00	\$0.00
0.0	2.3	\$0.00	\$0.00
0.0	1.2	\$0.00	\$0.00
0.0	0.2	\$0.00	\$0.00
4.3	13.8	\$32,356.37	0.0

0.4	1	0	0
0	0	\$3,005.64	\$3,005.64
0.4	1.0	\$3,005.64	\$3,005.64

0.0	1.1	\$0.00	\$10,323.72
2.5	14.6	\$0.00	\$0.00
0.0	52.4	\$0.00	\$0.00
0.0	0.7	\$0.00	\$0.00
2.5	68.8	\$0.00	\$10,323.72

0.0	0.0	\$0.00	\$0.00
7.2	85.3	\$35,362.01	\$13,329.36