



Larry Hogan, Governor
Boyd Rutherford, Lt. Governor
Mark Belton, Secretary
Joanne Throwe, Deputy Secretary

August 22, 2016

The Honorable Joan Carter Conway
Chair, Senate Education, Health and Environmental Affairs Committee
Miller Senate Office Building, 2 West Wing
11 Baden St.
Annapolis, Maryland 21401

The Honorable Kumar P. Barve
Chair, House Environment and Transportation Committee
House Office Building, Room 251
Annapolis, Maryland 21401

RE: Submission of Report on Forest Conservation Program for Fiscal Year 2016

Agency: Maryland Department of Natural Resources

Report Authority: 5-1613 of the Natural Resources Article (MSAR #10404)

Dear Senator Conway and Delegate Barve:

We are pleased to provide you with the State Forest Conservation Program Annual Report for Fiscal Year 2016. This report, which includes information supplied by local jurisdictions, provides important measures of progress in our efforts toward conserving Maryland's forests. We are currently working with jurisdictions to improve reporting from those who have not consistently submitted required reports.

Statewide:

- * 8,566.3 acres of existing forest on 19,062 acres of net tract area were reviewed (45% forest cover)
- * 3,364 acres of forest were approved for clearing (39% of existing forest under review)
- * 759 acres of forest were planted and 4,502.8 acres were placed in long-term protection agreements.

This report fulfills the requirements established in Nat. Res. Art 5-1613, Annotated Code of Maryland for Fiscal Year 2106. This report provides important measures of our progress in our effort toward conserving Maryland's forests.

Should you have any questions or comments regarding this report, please feel free to contact DNR's Legislative Director, Allison Cordell, directly at 410-260-8112, or by email at allison.cordell@maryland.gov.

Sincerely,

Mark J. Belton
Secretary

Enclosure

cc: Ryane M. Necessary
T. Patrick Tracy
Sarah Albert (5 copies)



Maryland State Forest Conservation Program

Annual Report

July 1, 2015 - June 30, 2016

(MSAR #10404)

Submitted by:

Mark J. Belton

Secretary, Maryland Department of Natural Resources

Submitted to:

Senate Education, Health and Environmental Affairs Committee

Joan Carter Conway, Chair

House Environment and Transportation Committee

Kumar P. Barve, Chair

Maryland State Forest Conservation Program Annual Report

July 1, 2015 - June 30, 2016

Introduction

The Forest Conservation Act (NRA 5-1613) requires that on or before September 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's 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: the biennial review of locally adopted forest conservation programs, training, and information on 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 56 municipalities have submitted annual reports. Reports are missing from the following jurisdictions: Baltimore City, Barnesville, Centreville, Chestertown, Federalsburg, Laytonsville and Calvert County.
- 1,513 activities subject to Forest Conservation regulations were reviewed; 777 were exemptions.
- 8,566.3 acres of existing forest on 19,062 acres of net tract area were reviewed. (45% forest cover)
- 3,364 acres of forest were approved for clearing (39% of existing forest under review)
- 759 acres of forest were planted and 4,502.8 acres were placed in long-term protective agreements.

Local Jurisdictions reports:

- 1,473 activities subject to Forest Conservation regulations were reviewed; 762 were exemptions.
- 8,431.5 acres of existing forest on 18,625.4 acres of net tract area were reviewed. (45% forest cover)
- 3,297.4 acres of forest were approved for clearing (39% of existing forest under review)
- 734.9 acres of forest were planted and 4,397.9 acres were placed in long-term protective agreements.

DNR-Forest Service report:

- 40 activities subject to Forest Conservation regulations were reviewed; 15 were exemptions.
- 134.8 acres of existing forest on 436.6 acres of net tract area were reviewed. (31% forest cover)
- 66.6 acres of forest were approved for clearing (49% of existing forest under review)
- 24.3 acres of forest were planted and 104.9 acres were placed in long-term protective agreements.
- Fees-in-lieu of mitigation determined \$40,404; expended \$0.00 on tree plantings.
- Enforcement actions 0; penalties assessed \$0.00; fines collected \$0.00.

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 FY2016			
<u>Central Region</u>	<u>Eastern Region</u>	<u>Southern Region</u>	<u>Western Region</u>
Baltimore Co	Caroline Co	Anne Arundel Co	Frederick Co
Carroll Co	Queen Anne's Co	Calvert Co	Washington Co
Cecil Co	Somerset Co	Charles Co	
Harford Co	Talbot Co	Prince George's Co	
Montgomery Co	Wicomico Co	St. Mary's Co	
	Worcester Co		
Aberdeen	Easton	Annapolis	Emmitsburg
Baltimore City	Denton	La Plata	Frederick City
Bel Air	Greensboro		Hagerstown
Elkton			Middletown
Gaithersburg			Myersville
Havre de Grace			New Market
Poolesville			
Rockville			
(13)	(9)	(7)	(8)
Total biennial reviews: 37			

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 dave.foreman@maryland.gov. 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		
Carroll Co Frederick Co Harford Co St Mary's Co Wicomico Co	Bel Air Cambridge Delmar Fruitland Greensboro Hagerstown Hebron Mardela Springs Middletown New Market Pittsville Salisbury Sharptown Williards	
(5)	(14)	

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, and Anne Arundel Community College at least twice a year.
- To date approximately 875 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 700 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>	Anne Arundel	Aberdeen @	Laytonsville @
<u>or</u>	Baltimore	Annapolis @	Leonardtown @
<u>assigned</u>	Calvert	Baltimore City @	Manchester *
	Caroline	Barnesville @	Mardela Springs *
	Carroll	Bel Air @	Middletown @*
	Cecil	Berlin *	Millington *
	Charles	Betterton *	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 @
		Delmar *	Rising Sun @
	(21)	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 *
	@ adopted	Greensboro @	Union Bridge *
	* assigned	Hagerstown @	Vienna *
	+ CA/FCA	Hampstead *	Walkersville *
		Hancock *	Washington Grove @
		Havre de Grace @	Westminster *
		Hebron *	Willards *
		Indian Head @	Williamsport *
		Keedysville*	Woodsboro *
		La Plata @	
		Laurel @	(84)

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
Kitzmiller
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 2015 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>
					unforested	forested	total	
Anne Arundel Co.	84	19	65	1,125.2	0.8	6.9	7.7	940.3
Baltimore City	0	NR	NR	NR	NR	NR	0.0	NR
Baltimore Co.	98	46	52	771.0	18.5	71.2	89.7	147.1
Calvert Co.	0	NR	NR	NR	NR	NR	0.0	NR
Caroline Co.	3	0	3	13.0	0.0	0.0	0.0	0.0
Carroll Co.	44	20	24	202.3	NR	NR	0.0	47.4
Cecil Co.	32	26	6	67.7	NR	NR	0.0	23.7
Charles Co.	148	127	21	742.2	0.0	0.0	0.0	564.9
Dorchester Co.	7	4	3	91.3	NR	NR	0.0	42.9
Frederick Co.	79	23	56	1,417.1	36.8	26.4	63.2	314.1
Harford Co.	34	0	34	1,297.6	14.7	45.3	59.9	565.2
Howard Co.	196	57	139	428.6	15.3	25.7	40.9	173.2
Kent Co.	10	8	2	27.3	0.0	5.5	5.5	6.9
Montgomery Co.	217	148	69	1,701.8	NR	NR	0.0	720.1
Prince George's Co.	137	45	92	6913.5	NR	NR	0.0	3990.4
Queen Anne's Co.	6	0	6	35.2	0.7	0.4	1.0	2.2
Saint Mary's Co.	34	4	30	515.8	NR	NR	0.0	466.2
Somerset Co.	3	2	1	10.7	0.0	0.0	0.0	0.0
Talbot Co.	18	12	6	595.8	NR	NR	0.0	140.1
Washington Co.	110	87	23	1,182.9	NR	NR	0.0	117.3
Wicomico Co.	68	59	9	43.8	0.0	0.7	0.7	21.2
Worcester Co.	75	63	12	152.6	NR	NR	0.0	62.1
							0.0	
Total All Counties	1403	750	653	17,335.4	86.6	182.0	268.7	8,345.5

Cleared Forest <i>All forest cleared including floodplain</i>	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 incl floodplain</i>	Bond Amount Posted <i>Total amount of bond posted for all projects</i>	In-Lieu Fees	
	onsite	offsite	total	onsite	offsite	total			Collected for fiscal year	Expended for fiscal year
410.2	337.4	0.2	337.6	20.9	22.4	43.3	264.3	\$215,869.10	\$619,727.00	\$134,866.00
NR	NR	NR	0.0	NR	NR	0.0	NR	NR	NR	NR
49.5	97.6	0.0	97.6	14.8	0.0	14.8	110.6	\$141,570.00	\$483,560.40	\$253,342.27
NR	NR	NR	0.0	NR	NR	0.0	NR	NR	NR	NR
0.0	0.0	3.5	3.5	0.2	0.0	0.2	3.7	\$605.00	\$0.00	\$0.00
14.0	25.2	0.0	25.2	3.3	7.1	10.4	33.9	\$129,468.00	\$0.00	\$0.00
6.8	16.9	3.5	20.4	4.9	0.2	5.1	25.5	\$0.00	\$0.00	\$0.00
219.9	181.2	62.7	243.9	0.0	0.0	0.0	181.2	NR	NR	NR
3.2	39.7	0.0	39.7	0.5	0.0	0.5	19.7	\$850.00	\$0.00	\$0.00
134.9	166.8	22.6	189.4	61.4	22.8	84.2	199.2	\$1,023,293.13	\$9,362.98	\$16,619.01
79.8	404.5	0.0	404.5	53.4	13.5	66.8	471.3	\$989,181.57	\$0.00	\$0.00
98.3	75.0	0.2	75.2	20.4	5.0	25.4	100.6	\$1,707,765.00	\$129,146.00	\$1,150,973.43
0.5	6.4	0.0	6.4	2.0	0.0	2.0	4.2	\$1,451.25	\$0.00	\$0.00
217.8	503.6	37.8	541.4	65.7	1.8	67.5	699.7	\$158,711.00	\$368,775.00	\$40,975.00
1794.4	1262.8	270.3	1533.1	307.7	0.0	307.7	1,269.6	\$2,473,587.36	\$67,058.84	NR
1.4	1.2	1.0	2.2	4.4	0.0	4.4	5.8	\$17,783.00	\$0.00	\$0.00
152.1	314.1	0	314.4	1.2	0.4	1.6	NR	NR	\$25,140.42	NR
0.0	0.0	0.0	0.0	1.6	0.0	1.6	1.6	\$1,352.40	\$0.00	\$0.00
9.4	131.6	0.0	131.6	26.0	0.0	26.0	40.8	NR	NR	NR
47.4	69.9	NR	69.9	25.1	NR	25.1	95.0	\$49,535.42	\$38,563.64	NR
3.7	14.4	1.6	16.0	1.4	0.0	1.4	9.9	\$0.00	\$3,166.80	NR
17.6	42.8	8.6	51.5	1.2	0.0	1.2	50.4	\$798.00	\$0.00	\$0.00
			0.0			0.0				
3,260.8	3,691.1	412.3	4,103.4	615.9	73.2	689.1	3,586.8	\$6,911,820.23	\$1,744,501.08	\$1,596,775.71

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>No. of hours devoted to implementing the program</i>	Forest Retention Banks <i>Existing forest (ac.) placed or debited</i>		Forest Planting Banks <i>Newly planted forest (ac.) placed or debited</i>	
Linear Length	Acreage	Linear Length	Acreage			Newly Created	Debited	Newly Created	Debited
NR	NR	NR	NR	NR	NR	0.0	0.0	0.0	6.1
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
16,725.0	68.8	3,900.0	5.2	NR	NR	3.4	9.1	18.2	0.0
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
0.0	0.0	0.0	0.0	\$1,820.45	55.0	1.0	0.0	0.0	0.0
1,900.0	11.1	1,630.0	5.0	\$84,567.00	2,201.0	0.0	0.0	0.0	13.6
NR	NR	NR	NR	\$75,000.00	NR	0.0	0.0	0.0	0.0
NR	NR	NR	NR	NR	NR	0.0	0.0	0.0	112.5
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
26,927.0	111.6	16,941.2	88.0	\$144,707.00	1,447.0	0.0	15.6	0.0	18.1
NR	155.0	NR	18.5	NR	NR	0.0	0.0	0.0	0.0
8,671.0	27.2	1,125.0	3.4	NR	NR	0.0	1.3	0.0	4.9
NR	2.3	0.0	0.0	NR	3.0	0.0	0.0	0.0	0.0
NR	NR	NR	NR	NR	NR	253.4	127.8	0.0	0.0
NR	NR	NR	NR	\$174,198.88	3,114.0	278.3	65.5	52.4	70.4
0.0	0.1	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
0.0	0.0	0.0	0.0	\$0.00	0.0	0.0	0.0	0.0	0.0
NR	NR	NR	NR	NR	NR	0	0	0	0
NR	NR	NR	NR	\$5,500.00	NR	NR	NR	NR	NR
970.0	6.7	0.0	0.0	\$18,551.28	885.3	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	\$5,707.50	79.3	0.0	2.3	0.0	0.0
55,193.0	382.9	23,596.2	120.1	\$510,052.11	7,784.6	536.1	221.5	70.6	225.6

FY 2015 Municipal Forest Conservation Annual Report

Municipality	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>
					unforested	forested	total	
Annapolis	3	0	3	42.2	0.0	0.0	0.0	26.4
Bel Air	3	1	2	3.2	0.0	0.0	0.0	0.0
Betterton #	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
Burkittsville #	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
East New Market #	0	0	0	0.0	0.0	0.0	0.0	0.0
Easton	8	1	7	323.4	0.0	4.7	4.7	21.5
Elkton	2	2	0	0.0	0.0	0.0	0.0	0.0
Emmitsburg	1	0	1	2.6	0.0	0.0	0.0	0.0
Frederick City	21	0	21	489.3	8.0	0.0	8.0	1.6
Gaithersburg	5	0	5	46.7	NR	NR	0.0	6.3
Galena #	0	0	0	0.0	0.0	0.0	0.0	0.0
Hagerstown	3	0	3	8.5	0.0	0.0	0.0	1.1
Havre de Grace	0	0	0	0.0	0.0	0.0	0.0	0.0
Hurlock	0	State	State	State	State	State	0.0	State
La Plata	2	1	1	21.6	0.0	0.0	0.0	12.2
Laurel	1	0	1	3.4	NR	NR	0.0	3.4
Middletown	1	0	1	1.7	0.0	0.0	0.0	0.0
Millington #	0	0	0	0.0	0.0	0.0	0.0	0.0
New Market	3	0	3	302.4	0.0	0.0	0.0	0.6
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
Poolesville	4	0	4	2.0	0.0	2.0	2.0	2.0
Port Deposit #	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	2	1	1	14.3	0.0	5.5	5.5	6.9
Rockville	11	6	5	28.6	0.5	0.0	0.5	4.0
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
Vienna #	0	0	0	0.0	0.0	0.0	0.0	0.0
Walkersville #	0	0	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 All Municipalities	70	12	58	1,290.0			20.7	86.0

1. Those governments not submitting a report to MD Forest Service are Barnesville, Centreville, Chestertown, Federalsburg and Laytonsville.

2. Those that did report and reported no activity (0 submittals): Aberdeen, Cambridge, Charlestown, Chesapeake Beach, Denton, Greensboro, Indian Head, Leonardtown, Myersville, Oxford, Preston, Queenstown, and Washington Grove.

3. Those whose numbers are included within the county report: Crisfield, Delmar, Fruitland, Hebron, Mardela Springs, Pittsville, Princess Anne, Salisbury, Sharptown, Wil

Del = Delegated to County
= Reported by County

Cleared Forest <i>-All forest cleared including floodplain</i>	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 amt of bond posted for all projects</i>	In-Lieu Fees	
	onsite	offsite	total	onsite	offsite	total			Collected for fiscal year	Expended for fiscal year
12.7	13.7	0.0	13.7	1.7	0.0	1.7	15.0	NR	\$0.00	\$0.00
0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.3	\$0.00	\$0.00	\$4,314.00
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	32.7	73.9	106.6	0.0	0.0	0.0	111.3	N/A	\$21,083.04	NR
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	0.8	0.8	0.0	0.0	0.0	0.8	\$0.00	\$0.00	\$0.00
0.0	3.1	4.3	7.5	21.2	3.7	24.9	23.8	\$237,820.00	\$267,239.56	\$0.00
4.5	1.8	0.0	1.8	9.1	0.0	9.1	3.8	NR	\$622,702.80	\$3,222.00
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
1.1	0.0	0.0	0.0	0.9	0.0	0.9	0.9	\$0.00	\$12,593.08	\$63,332.69
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
State	State	State	0.0	State	State	0.0	State	State	State	State
12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$92,652.00	\$0.00
3.4	0.0	0.0	0.0	2.3	0.0	2.3	0.0	\$0.00	\$28,434.00	\$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	0.6	0.0	0.6	5.6	0.2	5.8	3.7	\$21,000.00	\$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
2.0	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
0.5	6.4	0.0	6.4	0.0	0.0	0.0	2.3	\$0.00	\$0.00	\$0.00
0.2	3.8	0.2	4.0	0.0	0.8	0.8	5.2	\$52,300.00	\$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
36.6	62.1	79.2	141.4	41.1	4.7	45.8	167.0	\$311,120.00	\$1,044,704.48	\$70,868.69

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>No. of hours devoted to implementing the program</i>	Forest Retention Banks <i>Existing forest (ac) placed ordebited</i>		Forest Retention Banks <i>Newly planted forest (ac) 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	NR	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	NR	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
3157.0	19.3	NR	NR	NR	12.0	37.4	78.6	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
NR	NR	NR	NR	NR	N	0.0	0.0	0.0	0.0
NR	NR	NR	NR	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	\$2,600.00	60.0	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
State	State	State	State	State	State	State	State	State	State
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	\$1,200.00	10.0	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
NR	2.3	0.0	0.0	NR	2.0	0.0	0.0	0.0	0.0
964.0	4.6	0.0	2.2	\$230,780.00	4,500.0	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
4121.0	26.2	0.0	2.2	\$234,580.00	4,584.0	37.4	78.6	0.0	0.0

FY 2016 State - Forest Conservation Project Summary

Project number / Name	County	Watershed	Sub watershed	Exempt	Full
Central Region					
C16-01 Frederick Elementary School - Baltimore City	Baltimore City	Patapsco	Gwynns Falls - 02130905		Yes
C16-05 Arundel ES / MS	Baltimore City	Patapsco	Lower North Branch - 02130906		Yes
C16-06.1 UMSG Biomedical Engineering Building	Montgomery	Wash Metro	Montgomery County Area - 02140202		Yes
C16-09 Lyndhurst Elementary School - Baltimore City	Baltimore City	Patapsco	Gwynns Falls - 02130905		Yes
C16-10 UMBC Events Center and Stream Restoration	Baltimore	Patapsco	Lower North Branch - 02130906		Yes
C16-16 John Eager Howard ES - Baltimore City	Baltimore City	Patapsco	Jones Falls - 02130904		Yes
C16-17 Robert Poole School Building - Baltimore City	Baltimore City	Patapsco	Jones Falls - 02130904		Yes
C15-16 Towson Univ Burdick Hall expansion	Baltimore	Patapsco River	Jones Falls 02130904		Yes
C14-25 Canton Railroad Storage Yard - Kane Street	Baltimore City	Patapsco	Back River 02130901		Yes
C14-07 New Catonsville District Court	Baltimore	Patapsco	Lower North Branch 02130906		Yes
C13-16 WSSC Standpipe Replacement Project	Montgomery	Wash Metro	Montgomery County Area - 2140202		Yes
Central Region Totals				5	11
Western Region					
W16-02 MD Correctional Institute Wastewater Treatment Plant ENR Upgrade	Washington	Upper Potomac River	Anietam Creek - 02140502		Yes
Western Region Totals				1	1
Eastern Region					
E16-01 Eastern Shore Veteran Cemetery Phase II	Dorchester	Choptank	2130403		Yes
E16-03 Salisbury Univ Athletic Complex Renov	Wicomico	Lower Wicomico River	2130301		Yes
E16-04 SHA Easton Maintenance Shop	Talbot	Choptank	2130403		Yes
Eastern Region Totals				1	3
Southern Region					
S15-02 - PSEG Keys Energy Center	Prince George's	Patuxent River	Patuxent River Middle - 02131102	-	Yes
S15-10 - Trap & Skeet Range 17 OU Remedial Action Patuxent Research R	Anne Arundel	Patuxent River	Little Patuxent River - 02131105	-	Yes
S15-19 - UMCP Brendan Iribe Center for Computer Science and Innovation	Prince George's	Washington Metro	Anacostia River - 02140205	-	Yes
S16-01 - UMCP Shipley Field Turf Renovation	Prince George's	Washington Metro	Anacostia River - 02140205	-	Yes
S16-04 - Charlotte Hall Veterans Home Wastewater Treatment Plant Renov.	Charles	Lower Potomac River	Gilbert Swamp - 02140107	-	Yes
S16-06 - FGGM-BGE-MPO - Giddings Stream Relocation & Site Remediation	Anne Arundel	Patuxent River	Little Patuxent River - 02131105	-	Yes
S16-07 - UMCP New Cole Field House - Phase 1	Prince George's	Washington Metro	Anacostia River - 02140205	-	Yes
S16-08 - FGGM-BGE-MPO - DC Youth Center Property	Anne Arundel	Patuxent River	Little Patuxent River - 02131105	-	Yes
S16-15 - UMCP McKeldin Mall landscape Renewal - Phase 1	Prince George's	Washington Metro	Anacostia River - 02140205	-	Yes
S16-19 - Bowie Army Reserve Center - W912QR-15-C-0027	Charles	Lower Potomac River	Port Tobacco River - 02140109	-	Yes
Southern Region Totals				8	10
State FY 2016 Totals				15	25

Total Site Acres (Net Tract)	Total Ex. Forest Area (ac)	Forest Conservation Plan						Total Forest Protected (ac)	Fee-in-lieu Owed (\$)	Fee-in-lieu Collected (\$)
		Total Forest Retained Onsite (ac)	Total Forest Retained Offsite (ac)	Total Forest Cleared (ac)	Onsite (ac)	Total Planted Offsite (ac)	Total (ac)			
2.5	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	\$0.00	\$0.00
6.5	0.3	0.0	0.0	0.3	0.3	1.0	1.3	1.3	\$0.00	\$0.00
2.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	\$4,665.28	
2.4	0.5	0.0	0.0	0.5	0.7	0.3	1.0	1.0	\$0.00	\$0.00
9.3	1.2	0.0	1.2	1.2	0.0	0.0	0.0	1.2	\$0.00	\$0.00
2.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	\$0.00	\$0.00
5.6	0.0	0.0	0.0	0.0	0.8	0.0	0.8	0.8	\$0.00	\$0.00
1.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	\$0.00	\$0.00
8.1	3.1	1.0	0.0	2.1	0.0	0.0	0.0	1.0	\$0.00	\$0.00
5.1	3.0	0.0	5.1	3.0	0.0	0.0	0.0	5.1	\$0.00	\$0.00
3.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.6	\$0.00	\$0.00
48.2	8.8	1.6	6.5	7.3	1.9	2.0	3.8	11.9	4,665.3	0.0
3.90	0.00		0.59	0.00	0.00	0.00	0.00	0.59	\$0.00	\$0.00
3.9	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.0	0.0
52.0	4.2	4.2	0.0	0.0	3.6	0.0	3.6	3.6	\$0.00	\$0.00
20.3	0.3	0.1	0.0	0.2	0.0	0.0	0.0	3.2	\$0.00	\$0.00
1.1	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.2	\$0.00	\$0.00
73.4	4.5	4.3	0.0	0.2	3.8	0.0	3.8	7.0	0.0	0.0
250.2	99.2	61.2	0.0	38.0	0.0	0.0	0.0	61.2	\$0.00	\$0.00
19.3	17.5	1.2	0.0	16.3	16.7	0.0	16.7	16.7	\$0.00	\$0.00
1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	\$0.00	\$0.00
1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	\$0.00	\$0.00
1.9	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.4	\$0.00	\$0.00
2.1	0.9	0.0	0.0	0.9	0.0	0.0	0.0	1.0	\$0.00	\$0.00
1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	\$0.00	\$0.00
11.4	3.8	0.0	0.0	3.8	0.0	0.0	0.0	4.9	\$0.00	\$0.00
4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$35,738.80	\$0.00
311.2	121.5	62.4	0.0	59.1	16.7	0.0	16.7	85.4	\$35,738.80	\$0.00
436.6	134.8	68.2	7.1	66.6	22.3	2.0	24.3	104.9	\$40,404.08	\$0.00