



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

October 29, 2018

The Honorable Joan Carter Conway
Chair, Senate Education, Health and Environmental Affairs Committee
Miller Senate Office Building, 2 West Wing
Annapolis, MD 21401

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

RE: Submission of Report on Forest Conservation Program for Fiscal Year 2018

Agency: Maryland Department of Natural Resources

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

Dear Chairs:

We are pleased to provide you with the enclosed State Forest Conservation Program Annual Report for Fiscal Year 2018. This report includes information supplied by local jurisdictions and the departments Forest Service State Forest Conservation Program during the report period which details additional activities in the department's implementation of the Forest Conservation Act. The report provides important measures of progress in our efforts toward conserving Maryland's forests.

Should you have any questions or comments regarding this report, please feel free to contact DNR's Director, Legislative and Constituent Services (Acting), Stephen Schatz directly at 410-260-8004, or by email at Stephen.schatz@maryland.gov.

Sincerely,

Mark Belton
Secretary

Enclosure

cc: Sarah Albert (5 copies)
Justin Kozinn
T. Patrick Tracy



Maryland State Forest Conservation Program
Annual Report
July 1, 2017 - June 30, 2018
(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, 2017 - June 30, 2018

Introduction

The Forest Conservation Act (NRA 5-1613) requires that on or before Sept. 30 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 to the Maryland General Assembly for statewide forest conservation activities. This report provides summary statistics of reviews conducted by the local jurisdictions and the Maryland Department of Natural Resource 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 Maryland Forest Service sends reminders to the local jurisdictions each January followed by reminders that the report is due the end of March.

The Maryland 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 headquarters in Annapolis. The information reported contains information on the *current fiscal year's activities*.

For both local jurisdictions and the Maryland Forest Service, **only those projects that have received final forest conservation plan approval are reported**. This underrepresents the total number of reviews conducted each year as every project requires the review of both a Forest Stand Delineation and a Forest Conservation Plan before receiving final approval. Both may not be submitted or receive final approval during the same year.

Overall Summary

The combined local jurisdictions and Maryland Forest Service reports indicate:

- 18 counties and 40 municipalities have submitted annual reports. See Appendix 1 for program status of jurisdictions. [Status can include: adopted, exempt (2 counties and 18 towns), not exercising planning and zoning (9), assigned to county (49) and those under state review (8).]
- Reports are missing from the following jurisdictions: Cecil County, Montgomery County, Washington County, Baltimore City, Barnesville, Betterton, Brookeville, Cecilton, Centreville, Chesapeake Beach, Chesapeake City, Chestertown, East New Market, Federalsburg, Galena, Greensboro, Hagerstown, Indian Head, North East, Oxford, Perryville, Port Deposit, Preston, Queenstown, Rising Sun, Vienna and Washington Grove.
 - Some counties, where the town(s) has assigned to county, reports the town(s) numbers separately.
- 1,590 activities subject to Forest Conservation regulations were reviewed; 884 complied with the regulations by meeting the exemption requirements for specific types of projects such as agriculture, timber harvesting, and residential construction on an existing single lot of record.
- 7,210.6 acres of existing forest on 15,222.2 acres of net tract area were reviewed.
- 3,175.1 acres (44 percent) of forest were approved for clearing.
- 569 acres of forest were planted and 5,155.4 acres were placed in long-term protective agreements.

Local Jurisdictions reports:

- 1,548 activities subject to Forest Conservation regulations were reviewed; 859 were exemptions.
- 7,198.5 acres of existing forest on 15,132 acres of net tract area were reviewed.
- 3,163 acres (44 percent) of forest were approved for clearing.
- 559 acres of forest were planted and 5,138 acres were placed in long-term protective agreements.

Maryland Forest Service report:

- 42 activities subject to Forest Conservation regulations were reviewed; 25 were exemptions.
- 12.1 acres of existing forest on 90.2 acres of net tract area were reviewed.
- 12.1 acres (100 percent) of forest were approved for clearing.
- 9.8 acres of forest were planted and 17.3 acres were placed in long-term protective agreements.
- Fees-in-lieu of mitigation determined \$74,798.18; expended \$110,258.00 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 FY18			
<u>Central Region</u> Baltimore County Carroll County Cecil County Harford County Howard County Montgomery County Aberdeen Baltimore City Bel Air Elkton Gaithersburg Havre de Grace Poolesville Rockville (14)	<u>Eastern Region</u> <i>Scheduled for August 2018</i> (0)	<u>Southern Region</u> Anne Arundel County Calvert County Charles County Prince George's County St. Mary's County Annapolis La Plata Leonardtown (7)	<u>Western Region</u> Frederick County Washington County Middletown (0)
Total biennial reviews: 21			

This information has been collected and can be made available upon request. 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		
Charles County Harford County Howard County Kent County Prince George's County Somerset County Washington County Wicomico County (8)	Frederick City Hagerstown La Plata Middletown Poolesville Rock Hall (6)	

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 course has been offered at least twice a year by Carroll Community College and Anne Arundel Community College when the required class student registration number is met.

- To date approximately 905 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 Maryland Licensed Landscape Architects and Maryland 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. These can be found at <http://www.dlrr.state.md.us/license/oplic.shtml>.
- 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> <u>or</u> <u>assigned</u>	Anne Arundel Baltimore Calvert Caroline Carroll Cecil Charles Dorchester Frederick Harford Howard Kent Montgomery Prince George's Queen Anne's St. Mary's Somerset Talbot Washington Wicomico Worcester	Aberdeen @ Annapolis @ Baltimore City @ Barnesville @ Bel Air @ Berlin * Betterton * Boonesboro * Brookeville @ Brunswick * Burkittsville * Cambridge @ Cecilton * Centreville @ Charlestown * Chesapeake Beach @ Chesapeake City * Chestertown @ Church Hill @ Clear Spring * Crisfield * Delmar * Denton @ East New Market * Easton @ Elkton @ Emmitsburg @ Federalsburg+ Frederick City @ Fruitland * Funkstown * Gaithersburg @ Galena* Greensboro @ Hagerstown @ Hampstead * Hancock * Havre de Grace @ Hebron * Indian Head @ Keedysville* La Plata @ Laurel @	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 *
	(21)		
	@ adopted * assigned + CA/FCA		
			(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
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 2017 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.	122	8	114	1,125.0	2.2	40.8	43.0	509.5
Baltimore City	0	NR	NR	NR	NR	NR	0.0	NR
Baltimore Co.	100	19	81	2,190.2	4.6	113.6	118.2	1,358.1
Calvert Co.	38	19	19	752.0	NR	NR	127.4	574.0
Caroline Co.	28	5	23	42.7	NR	NR	0.0	21.5
Carroll Co.	43	33	10	18.4	NR	NR	0.0	2.2
Cecil Co.	0	NR	NR	NR	NR	NR	0.0	NR
Charles Co.	120	106	14	246.0	0.0	7.3	7.3	187.6
Dorchester Co.	6	4	2	4.6	0.0	0.0	0.0	1.5
Frederick Co.	61	20	41	1,109.5	0.5	8.0	8.5	304.3
Harford Co.	49	20	29	571.5	18.1	0.8	18.9	331.1
Howard Co.	155	46	109	831.0	3.3	2.7	6.0	168.9
Kent Co.	8	3	5	128.3	0.0	0.0	0.0	34.2
Montgomery Co.	0	NR	NR	NR	NR	NR	0.0	NR
Prince George's Co.	432	309	123	6414.5	126.5	568.9	695.4	3241.5
Queen Anne's Co.	11	2	9	42.1	0.0	0.0	0.0	19.2
Saint Mary's Co.	15	0	15	86.5	NR	NR	0.0	70.3
Somerset Co.	2	0	2	395.4	NR	NR	0.0	0.0
Talbot Co.	18	15	3	7.8	NR	NR	0.0	2.9
Washington Co.	0	NR	NR	NR	NR	NR	0.0	NR
Wicomico Co.	192	172	20	94.5	0.0	0.0	0.0	26.7
Worcester Co.	67	52	15	226.1	NR	NR	0.0	135.2
							0.0	
Total All Counties	1467	833	634	14,286.1	155.2	742.1	1,024.6	6,988.6

Cleared Forest <i>All forest cleared includ floodplain</i>	Retained Forest <i>Retained forest minus floodplain</i>			Planted Forest <i>All forest planted for all projects includ floodplain</i>			Long Term Protection <i>Total amt of forest placed into LTP as a result of all projects includ floodplain</i>	Bond Amount Posted <i>Total amount of bond posted for all projects</i>	In-Lieu Fees	
	<i>onsite</i>	<i>offsite</i>	<i>total</i>	<i>onsite</i>	<i>offsite</i>	<i>total</i>			<i>Collected for fiscal year</i>	<i>Expended for fiscal year</i>
214.7	222.6	17.9	240.5	12.0	5.6	17.7	270.9	\$94,901.50	\$706,059.00	\$1,853,779.00
NR	NR	NR	0.0	NR	NR	0.0	NR	NR	NR	NR
458.9	899.2	0.0	899.2	12.6	0.0	12.6	911.8	\$59,529.00	\$621,663.10	\$231,131.08
224.7	352.7	0.0	352.7	0.0	0.0	0.0	352.7	\$0.00	\$0.00	\$0.00
6.2	15.3	0.0	15.3	0.0	0.0	0.0	15.3	\$0.00	\$0.00	\$0.00
1.9	0.3	0.0	0.3	0.3	0.0	0.3	1.5	\$7,840.00	\$0.00	\$0.00
NR	NR	NR	0.0	NR	NR	0.0	NR	NR	NR	NR
108.5	81.4	18.6	100.0	0.0	0.0	0.0	97.4	NR	\$28,156.06	\$0.00
0.0	1.5	0.0	1.5	0.2	0.0	0.2	1.7	\$720.00	\$0.00	\$0.00
148.8	155.5	23.4	178.9	65.3	4.6	69.9	248.8	\$967,747.33	\$10,071.09	\$0.00
58.5	272.2	0.0	272.2	14.3	4.0	18.3	291.0	\$418,869.63	\$0.00	\$0.00
57.8	111.1	3.1	114.2	45.4	4.8	50.2	164.4	\$1,204,667.00	\$227,003.00	\$0.00
0.4	33.8	14.9	48.7	1.0	0.0	1.0	49.7	\$24,418.10	\$4,979.20	\$0.00
NR	NR	NR	0.0	NR	NR	0.0	NR	NR	NR	NR
1679.9	995.6	314.2	1309.7	293.8	33.3	327.1	2,392.5	\$38,289.00	\$56,746.00	NR
0.2	19.0	0.0	19.0	0.0	0.0	0.0	13.2	\$5,182.00	\$0.00	\$0.00
11.0	57.1	0	57.1	1.6	0.0	1.6	NR	NR	\$5,279.40	NR
0.0	0.0	59.4	59.4	0.0	0.0	0.0	126.0	\$0.00	\$0.00	\$0.00
1.4	NR	NR	0.0	0.7	0.0	0.7	1.4	NR	NR	NR
NR	NR	NR	0.0	NR	NR	0.0	NR	NR	NR	NR
16.7	20.2	1.4	21.6	1.1	6.7	7.8	10.4	\$577.50	\$5,540.83	NR
37.3	97.9	5.4	103.3	1.1	0.0	1.1	104.6	\$4,928.00	\$0.00	\$0.00
			0.0			0.0				
3,027.0	3,335.3	458.3	3,793.6	449.5	59.0	508.5	5,053.4	\$2,827,669.06	\$1,665,497.68	\$2,084,910.08

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># hours devoted to implement the program</i>	Forest Retention Banks <i>Existing forest (ac) placed or debit</i>		Forest Planting Banks <i>Newly planted forest (ac) placed or debit</i>	
Linear Length	Acre	Linear Length	Acre			Newly Created	Debited	Newly Created	Debited
8,802.0	31.8	277.0	0.6	0	0	5.8	10.1	0.0	0.0
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
37,116.0	164.3	2,410.0	2.3	NR	NR	0.0	25.4	10.9	0.2
0.0	0.0	0.0	0.0	\$72,615.00	1,292.0	8.0	8.0	0.0	0.0
0.0	0.0	0.0	0.0	\$1,229.86	48.0	0.0	0.0	0.0	0.0
330.0	0.8	90.0	0.3	\$87,047.00	2,031.0	0.0	0.0	0.0	5.1
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
NR	NR	NR	NR	NR	NR	14.0	62.8	0.0	0.0
0.0	0.0	0.0	0.0	\$0.00	6.0	0.0	0.0	0.0	0.0
19,846.0	110.0	5,170.0	19.0	\$143,592.00	1,435.9	21.3	66.0	25.5	8.4
NR	51.1	NR	2.0	\$0.00	0.0	0.0	0.0	0.0	0.0
29,707.0	46.0	8,891.0	16.9	NR	NR	1.9	15.1	22.7	12.7
324.3	0.4	83.0	0.2	\$0.00	0.0	0.0	0.0	0.0	0.0
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
NR	NR	NR	NR	\$477,766.00	10,543.5	82.4	75.7	0.0	13.1
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	NR	NR	NR	NR
0.0	0.0	0.0	0.0	\$0.00	0.0	126.0	59.4	0.0	0.0
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
0.0	0.0	0.0	0.0	NR	NR	7.2	18.7	0.0	6.7
NR	NR	NR	NR	\$4,387.00	125.0	46.0	3.9	0.0	0.0
96,125.3	404.3	16,921.0	41.3	\$786,636.86	15,481.4	312.5	345.1	59.1	46.3

FY 2017 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	7	4	3	16.5	0.2	0.9	1.1	5.4
Bel Air	1	1	0	0.0	0.0	0.0	0.0	0.0
Brunswick #	2	0	2	103.4	0.0	0.0	0.0	37.3
Burkittsville #	0	0	0	0.0	0.0	0.0	0.0	0.0
Denton	5	3	2	7.5	0.0	0.0	0.0	2.8
Easton	7	2	5	25.2	0.0	0.0	0.0	21.8
Emmitsburg	1	1	0	0.0	0.0	0.0	0.0	0.0
Frederick City	10	0	10	240.3	0.0	0.0	0.0	1.9
Gaithersburg	5	0	5	185.5	NR	NR	0.0	8.5
Hurlock	0	State	State	State	State	State	0.0	State
La Plata	8	5	3	160.8	0.0	3.5	3.5	113.0
Laurel	1	0	1	5.6	0.0	0.0	0.0	3.4
Middletown	1	0	1	6.0	0.0	0.0	0.0	1.5
Millington #	0						0.0	
Poolesville	2	0	2	43.4	0.0	5.1	5.1	10.7
Rockville	20	9	11	13.8	NR	NR	0.0	0.9
Rosemont #	0	0	0	0.0	0.0	0.0	0.0	0.0
Thurmont #	0	0	3	0.4	0.0	0.0	0.0	1.1
Walkersville #	5	0	5	27.9	0.0	0.0	0.0	0.0
Woodsboro #	3	1	2	9.7	0.0	0.0	0.0	1.6
Total All Municipalities	78	26	55	845.9			9.7	209.9

1. Those governments not submitting a report to MD Forest Service: Barmesville, Betterton, Brookeville, Cecilton, Centreville, Chesapeake Beach, Chesapeake City, Chestertown, East New Market, Federalsburg, Galena, Greensboro, Hagerstown, Indian Head, North East, Oxford, Perryville, Port Deposit, Preston, Queenstown, Rising Sun, Vienna and Washington Grove.

2. Those that did report and reported no activity (0 submittals): Aberdeen, Cambridge, Charlestown, Elkton, Havre de Grace, Laytonsville, Leonardtown, Myersville, New Market, and Rock Hall.

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

Cleared Forest <i>All forest cleared includ floodplain</i>	Retained Forest <i>Retained forest minus floodplain</i>			Planted Forest <i>All forest planted for all projects includ floodplain</i>			Long Term Protection <i>Total amt of forest placed into LTP as a result of all projects includ floodplain</i>	Bond Amount Posted <i>Total amount of bond posted for all projects</i>	In-Lieu Fees	
	<i>onsite</i>	<i>offsite</i>	<i>total</i>	<i>onsite</i>	<i>offsite</i>	<i>total</i>			Collected <i>for fiscal year</i>	Expended <i>for fiscal year</i>
1.8	3.8	0.0	3.8	0.2	0.0	0.2	0.0	\$460,791.00	\$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
21.0	16.3	0.0	16.3	4.2	0.0	4.2	20.5	\$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
1.4	1.4	0.0	1.4	0.0	0.0	0.0	1.4	\$0.00	\$2,874.96	\$0.00
3.4	18.4	0.0	18.4	0.0	0.0	0.0	2.2	\$0.00	\$8,320.00	\$0.00
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
1.4	0.5	0.0	0.5	12.7	0.0	12.7	15.1	\$209,805.70	\$188,179.26	\$0.00
0.2	8.3	0.0	8.3	14.0	0.0	14.0	NR	NR	\$32,881.00	\$58,826.43
State	State	State	0.0	State	State	0.0	State	State	State	State
88.4	33.2	36.0	69.3	1.9	7.4	9.3	28.7	\$0.00	\$0.00	\$0.00
3.4	2.2	0.0	2.2	2.3	0.0	2.3	0.0	\$0.00	\$26,474.00	\$0.00
0.0	1.5	0.0	1.5	0.0	1.6	1.6	1.5	\$0.00	\$0.00	\$0.00
			0.0			0.0				
14.0	2.0	0.0	2.0	0.0	0.0	0.0	6.4	\$0.00	\$142,207.74	\$51,832.06
0.1	0.8	0.2	1.0	0.8	0.6	1.4	2.4	\$151,000.00	\$52,272.00	\$52,272.00
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00	\$0.00
0.5	0.6	0.0	0.6	0.0	0.0	0.0	0.6	\$0.00	\$936.54	\$0.00
0.0	0.0	0.0	0.0	3.6	0.0	3.6	3.6	\$0.00	\$0.00	\$0.00
0.4	1.2	0.0	1.2	1.1	0.0	1.1	2.3	\$0.00	\$0.00	\$0.00
136.0	90.2	36.2	126.4	40.8	9.6	50.5	84.7	\$821,596.70	\$454,145.50	\$162,930.49

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 # of hours devoted to implement the program	Forest Retention Banks <i>Existing forest (acres) placed or devited</i>		Forest Retention Banks <i>Newly planted forest (acres) placed or debited</i>	
Linear Length	Acre	Linear Length	Acre			Newly Created	Debited	Newly Created	Debited
930.0	3.2	0.0	0.0	NR	40.0	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
1315.0	12.0	750.0	1.9	\$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	\$801.10	31.0	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	0.0	0.0
NR	NR	NR	NR	NR	NR	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	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
NR	NR	NR	NR	\$13,095.00	97.0	0.0	0.0	0.0	0.0
247.0	1.5	NR	NR	\$202,180.00	4,508.0	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
2492.0	16.7	750.0	1.9	\$216,076.10	4,676.0	0.0	0.0	0.0	0.0

**State - Forest Conservation Project Summary
FY2018**

Project number / Name	County	Watershed	Sub watershed	Exempt (Yes)
C15-03 Patapsco Sewershed Meter Basin 33 Relief Sewer	Baltimore	Patapsco River	Lower North Branch 02130906	
C17-06 WSSC Rock Creek WWTP Septage & FOG Discharge Facility	Montgomery	Wash Metro	Rock Creek 02140206	
C17-08 WSSC Brink Zone Water Pumping Station	Montgomery	Wash Metro	Seneca Creek 02140208	
C17-13 Eastern Shore Natural Gas Line Expansion	Cecil	Elk River	Christiana River 02130607	
C18-09 Morgan State University Chinquapin Run	Baltimore City	Patpsco	Back River 02130901	
C18-10 Arlington Elementary School	Baltimore City	Patapsco	Jones Falls 02130904	
C18-17 MSU Student Services Building	Baltimore City	Patapsco	Back River 02130901	
C 18-19 Towson University Union	Baltimore	Patapsco	Jones Falls 02130906	
C18-20 Towson University New Soccer Practice Field	Baltimore	Patapsco	Jones Falls 02130904	
C18-21 Towson University New Field Hockey Practice Field	Baltimore	Patapsco	Jones Falls 02130904	
C18-22 APG Fords Farm	Harford	Bush River	APG 02130705	
C18-24 APG City Light and Power Soil stockpile yard	Harford	Bush River	APG 02130705	
Central Region Totals				8
E17-04 St. Michael's YMCA	Talbot	Miles River	Miles River 02130502	
Eastern Region Totals				2
S18-07 - College Park Woods Connector Trail	Prince George's	Washington Metro	Anacostia River 02140205	
S18-11 - USDA National Plant Germplasm Quarantine Center	Prince George's	Washington Metro	Anacostia River 02140205	
Southern Region Totals				13
W17-01 Cunningham Falls State Park Day Use Area	Frederick	Middle Potomac River	Upper Monocacy River 02140303	
W17-03 Site C - Quirauk Mt. Communication Facility	Washington	Upper Potomac River	Antietam Creek 02140502	
Western Region Totals				2
State FY2018 Totals				25

Full (Yes)	Total Site Ac (Net Tract)	Total Ex. Forest (ac)	Forest Retained		Total Forest Cleared (ac)	Total Planted		Total (ac)	Total Forest Protected (ac)	Fee-in-lieu Owed (\$)	Fee-in-lieu Collected (\$)
			Onsite (ac)	Offsite (ac)		Onsite (ac)	Offsite (ac)				
Yes	5.4	3.0	0.0	0.0	3.0	0.0	2.7	0.3	2.7	\$0.00	\$0.00
Yes	3.0	0.2	0.0	0.7	0.2	0.0	0.0	0.0	0.7	\$0.00	\$0.00
Yes	14.4	0.0	0.0	0.0	0.0	2.2	0.0	2.2	2.2	\$0.00	\$0.00
Yes	22.7	2.1	0.0	0.0	2.1	0.0	5.5	5.5	5.5	\$0.00	\$0.00
Yes	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$0.00	\$0.00
Yes	7.2	0.0	0.0	0.0	0.0	1.1	0.0	1.1	1.1	N/A	N/A
Yes	4.5	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	\$0.00	\$0.00
Yes	5.9	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	\$0.00	\$0.00
Yes	6.3	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	\$0.00	\$0.00
Yes	2.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	\$0.00	\$0.00
Yes	2.2	2.2	0.0	0.9	2.2	0.4	0.0	0.4	1.3	\$0.00	\$0.00
Yes	4.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	\$0.00	\$0.00
12	78.8	7.5	0.0	4.7	7.5	3.6	8.2	9.4	16.5	\$0.00	\$0.00
Yes	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$4,835.16	\$4,835.16
1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	\$4,835.16	\$4,835.16
Yes	2.1	1.5	0.0	0.0	1.5	0.0	0.0	0.0	0.0	\$14,481.52	\$14,481.52
Yes	2.5	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	N/A	N/A
2	4.6	1.5	0.0	0.4	1.5	0.0	0.0	0.0	0.4	\$14,481.52	\$14,481.52
Yes	1.2	0.2	0.0	0.0	0.2	0.0	0.4	0.4	0.4	\$0.00	\$0.00
Yes	3.2	2.9	0.0	0.0	2.9	2.9	0.0	0.0	0.0	\$55,481.50	\$55,481.50
2	4.3	3.1	0.0	0.0	3.1	2.9	0.4	0.4	0.4	\$55,481.50	\$55,481.50
17	90.2	12.1	0.0	5.1	12.1	6.5	8.6	9.8	17.3	\$74,798.18	\$74,798.18