



## Maryland State Forest Conservation Program

### Annual Report

July 1, 2019 - June 30, 2020

(MSAR #10404)

Submitted by:

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Secretary, Maryland Department of Natural Resources

Submitted to:

Senate Education, Health and Environmental Affairs Committee

Paul Pinsky, Chair

House Environment and Transportation Committee

Kumar P. Barve, Chair

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## Introduction

The Forest Conservation Act (NRA 5-1613) requires that on or before September 30 of each year, the Department shall submit a report that includes:

- (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;*
  - (4) *the costs of implementing the forest conservation program;*
  - (5) *the size, location, and protection of any local forest mitigation banks created under a local or State program;*
  - (6) *the number, location, and type of violations and 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 Maryland Department of Natural Resources (DNR or Department) is tasked with collecting individual reports from local jurisdictions and submitting a collective report for statewide forest conservation activities. This report provides summarized statistics of reviews conducted by the local jurisdictions and the Maryland 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 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 applications for projects to a local jurisdiction, which does not have a local program in effect (COMAR 08.19.04.01). This review is conducted from the Maryland Forest Service's four regional offices with assistance and coordination from its headquarters in Annapolis. The information reported contains information on the *current fiscal year's activities*.

For both local jurisdictions and 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 prior to receiving final approval. Both may not be submitted or receive final approval during the same year.

## Overall Summary

The combined local jurisdictions and Forest Service reports indicate:

- 19 counties and 23 municipalities have submitted annual reports. Some municipalities' reports are submitted with or included in the county report. (See Appendix 1) **Reports are missing from the following jurisdictions: Baltimore County, Dorchester County, Wicomico County, Aberdeen, Brookville, Chestertown, Hagerstown, Havre de Grace, Hurlock, Ocean City, Preston, Rockville, and Washington Grove.**
- **1,557** activities subject to Forest Conservation regulations were reviewed; 810 were exemptions.
- **5,552.34 acres** of existing forest on **12,047.03 acres** of net tract area were reviewed.
- **2,466.48 acres** of forest were approved for clearing.
- **584.38 acres** of forest were planted and **3,829.4 acres** were placed in long-term protective agreements.

### Local Jurisdictions reports:

- **1,540 activities** subject to Forest Conservation regulations were reviewed; **798 were exemptions.**
- **5,136.68 acres** of existing forest on **11,078.99 acres** of net tract area were reviewed.
- **2,279.69 acres** of forest were approved for clearing.
- **578.83 acres** of forest were planted and **3,574.82 acres** were placed in long-term protective agreements.

### Department of Natural Resource Forest Service report:

- 17 activities subject to Forest Conservation regulations were reviewed; 12 were exemptions.
- 415.66 acres of existing forest on 968.04 acres of net tract area were reviewed.
- 186.79 acres of forest were approved for clearing.
- 5.55 acres of forest were planted and 254.58 acres were placed in long-term protective agreements.
- Fees-in-lieu of mitigation determined \$86,224.85; expended \$56,550 on tree plantings (18.9 ac).
- **Enforcement actions 0; penalties assessed \$0; fines collected \$0.**

The status of the 157 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 DNR conduct reviews of local forest conservation programs every 2 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 FY20			
Carroll County Cecil County Harford County Howard County Montgomery County  Aberdeen Elkton Gaithersburg Havre de Grace Poolesville  10	Frederick County Washington County  Emmitsburg Frederick City Middletown      5	Due to local jurisdictions being closed because of COVID protocols, biennial reviews were not able to occur in the southern region.          0	Due to local jurisdictions being closed because of COVID protocols, biennial reviews were not able to occur in the southern region.          0
Total biennial reviews: 15			

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

Since 2009, the Maryland Forest Service has been collecting electronic easement information in a design format. The following jurisdictions submitted this information during the reporting period which can be made available upon request.

Electronic Easement Information Submitted by Local Forest Conservation Programs		
Calvert County Carroll County Charles County Howard County Kent County Prince George's County Washington County Wicomico County Worcester County	Salisbury	

**Assisting 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 Maryland Forest Service has offered a 40-hour Forest Conservation for Qualified Professionals Course through community colleges around the state. The forest conservation 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 have met the 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 [www.dlrr.state.md.us/license/oplic.shtml](http://www.dlrr.state.md.us/license/oplic.shtml).

Department staff assisted with numerous continuing education seminars, classroom presentations in higher education natural resources departments, and at professional association and local government meetings.

Appendix 1 Incorporated Municipalities by County

3/28/2019

(Municipalities are towns or cities that are self-governing.) (157) (161 total – includes four 4 towns located in two counties)

Exempt

Allegany County (7) Barton, Cumberland, Frostburg, Lonaconing, Luke, Midland, and Westernport  
Garrett County (8) Accident, Deer Park, Friendsville, Grantsville, Kitzmiller, Loch Lynn Heights, Mountain Lake Park, and Oakland

Considered County

Baltimore City

Anne Arundel County (2)

Adopted ordinance: Annapolis

Exempt: Highland Beach

Baltimore County (0)

Calvert County (2)

Adopted ordinance: Chesapeake Beach

Exempt (Critical Area): North Beach

Caroline County (10)

Adopted ordinance: Denton, Greensboro, and Preston

Exempt (Critical Area): Federalsburg

Not exercising P&Z: Henderson, Hillsboro, Marydel, and Templeville (Templeville also in Queen Anne County)

State Program Review: Goldsboro, and Ridgely

Carroll County (8)

Delegated authority to County: Hampstead, Manchester, Mount Airy, New Windsor, Sykesville, Taneytown, Union Bridge and Westminster. (included in county annual report; included with county) (Mount Airy also in Frederick County and included in Carroll County annual report)

Cecil County (8)

Adopted ordinance: Elkton

Delegated authority to County: Cecilton, Charlestown, Chesapeake City, North East, Perryville, Port Deposit, and Rising Sun. (included in county annual report; reported separately)

Charles County (3)

Adopted ordinance: Indian Head, and La Plata

Exempt: Port Tobacco

Dorchester County (9)

Adopted ordinance: Cambridge

Not exercising P&Z: Brookview, Church Creek, Eldorado, and Galestown

State Program Review: Hurlock, and Secretary

Delegated authority to County: East New Market, and Vienna (included in county annual report; included with county)

Frederick County (12)

Adopted ordinance: Emmitsburg, Frederick, Middletown, Myersville, and New Market.

Delegated authority to County: Brunswick, Burkittsville, \*Mount Airy, Rosemont, Thurmont, Walkersville, and Woodsboro. (included in county annual report; reported separately) (\*Mount Airy also in Carroll County and included in Carroll County annual report)

Harford County (3)

Adopted ordinance: Aberdeen, Bel Air, and Havre de Grace.

Howard County (0)

Kent County (5)

Adopted ordinance: Chestertown

Delegated authority to County: Betterton, Galena, Millington, and Rock Hall. (included in county annual report; reported separately)

Montgomery County (23)

Adopted ordinance: Barnesville, Brookeville; Gaithersburg; Laytonsville; Poolesville; Rockville; and Washington Grove

Not exercising P&Z: Battery Park; Town of Chevy Chase; Chevy Chase View; Chevy Chase Village; Section 3 Village of Chevy Chase; Section 5 Village of Chevy Chase; Drummond; Friendship Heights; Garrett Park; Glen Echo; Kensington; Martin's Additions; North Chevy Chase; Oakmont; Somerset; and Takoma Park

Prince George's County (27)

Adopted ordinance: Laurel

Not exercising P&Z: Berwyn Heights, Bladensburg, Bowie, Brentwood, Capitol Heights, Cheverly, College Park, Colmar Manor, Cottage City, District Heights, Eagle Harbor, Edmonston, Fairmount Heights, Forest Heights, Glenarden, Greenbelt, Hyattsville, Landover Hills, Morningside, Mount Rainier, New Carrollton, North Brentwood, Riverdale Park, Seat Pleasant, University Park, and Upper Marlboro.

Queen Anne's County (7)

Adopted ordinance: Queenstown.

Not exercising P&Z: Barclay and Templeville

State Program Review: Sudlersville

Delegated authority to County: Centreville, Church Hill, and Millington. (included in county annual report; included with county)

(Queenstown also in Talbot County; Millington also in Kent County; Templeville also in Caroline County)

St. Mary's County (1)  
Adopted ordinance: Leonardtown

Somerset County (2)  
Delegated authority to County: Crisfield, and Princess Anne. (included in county annual report, included with county)

Talbot County (5)  
Adopted ordinance: Easton, and Oxford,  
State Program Review: Queen Anne, St. Michaels, and Trappe  
(Queenstown also in Queen Anne's County)

Washington County (9)  
Adopted ordinance: Hagerstown  
Delegated authority to County: Boonsboro, Clear Spring, Funkstown, Hancock, Keedysville,  
Sharpsburg, Smithsburg, and Williamsport. (included in county annual report; included with county)

Wicomico County (8)  
Delegated authority to County: Delmar, Fruitland, Hebron, Mardela  
Springs, Pittsville, Salisbury, Sharptown, and Willards. (included in county annual report; included with county)

Worcester County (4)  
Adopted ordinance: Ocean City  
Delegated authority to County: Berlin, Pocomoke City, and Snow Hill. (included in county annual report; included with county)

\*\*\*\* This data is derived from the MD Incorporated Town Code webpage on the Maryland State Department of Assessments and Taxation website. [dat.maryland.gov/realproperty/Pages/Maryland-Incorporated-Town-Codes.aspx](http://dat.maryland.gov/realproperty/Pages/Maryland-Incorporated-Town-Codes.aspx).



FY 2020 State - Forest Conservation Project Summary							Total Site Acres (Net Tract)	Total Ex. Forest Area (ac)
S20-04	Bowie State Living Learning Residence Hall	Southern	Prince George's	Patuxent River	Patuxent River Upper (02131104)	5.3	5.3	
S20-05	Revised Overall Forest Conservation Plan - Fort Meade	Southern	Anne Arundel	Patuxent River	Little Patuxent River (02131105)	885.3	391.3	
S20-28	BWI Airline Maintenance Facility	Southern	Anne Arundel	Patapsco River	Patapsco River Lower North Branch (02130906)	32.87	17.81	
C20-01	Intelligence Community Campus - Bethesda	Central	Montgomery	Wash Metro	Montgomery Co Area (02140202)	3	0.5	
C20-02	Calverton ES/MS - Baltimore City	Central	Baltimore City	Patapsco	Gwynns Falls (02130905)	5.9	0	
C20-03	Cross Country ES/MS - Baltimore City	Central	Baltimore City	Patapsco	Jones Falls (02130904)	2.1	0	
C20-04	Harford Heights / Sharp Leadenhall Elementary School	Central	Baltimore City	Patapsco River	Jones Falls (2130904)	7.1	0	
C20-07	MSU Turner's Armory / Motor Pool Demolition	Central	Baltimore City	Patapsco River	Back River (2130901)	1	0	
C20-11	James Mosher Elementary School	Central	Baltimore City	Patapsco River	Gwynns Falls (2130905)	2.2	0	
C20-21	APG Aberdeen Test Cneter Roadway Simulator	Central	Harford	Bush River	Aberdeen Proving Ground Area (2130705)	3	0.8	
C20-22	Northwood Elementary School	Central	Baltimore City	Patapsco River	Back River (2130901)	6	0	
W20-01	Ft. Detrick Shookstown Stream Restoration	Western	Frederick	Middle Potomac River	Lower Monocacy River (02140302)	14.43	0	
<b>TOTAL</b>						<b>968.04</b>	<b>415.66</b>	
KEY:	NR = Not Report							
	13 SHA projects (TMDL projects) started the review process; SHA cancelled the design/build contract and the reviews were discontinued.							
	8 SHA mitigation bank projects were undergoing FSD review; SHA put the projects on hold indefinitely.							

Total Forest Retained Onsite (ac)	Total Forest Retained Offsite (ac)	Total Forest Cleared (ac)	Total Planted Onsite (ac)	Total Planted Offsite (ac)	Total Planted Total (ac)	Total Forest Protected (ac)	Fee-in-lieu Owed (\$)	Fee-in-lieu Collected (\$)
0	3.18	5.3	0	0	0	3.18	\$0.00	\$0.00
228.4	0	162.9	0	0	0	228.4	\$0.00	\$0.00
0	0	17.81	0	0	0	15.96	\$0.00	\$0.00
0.5	0	0	0	0	0	0.5	\$0.00	\$0.00
0	0.9	0	0	0	0	0.9	\$0.00	\$0.00
0	0.3	0	0	0.3	0.3	0.3	\$0.00	\$0.00
0	0	0	0	1.1	1.1	1.1	\$0.00	\$0.00
0	0.1	0	0	0	0	0.1	\$0.00	\$0.00
0	0	0	0	0.3	0.3	0.3	\$0.00	\$0.00
0	0	0.8	0.8		0.8	0.8	\$0.00	\$0.00
0	0	0	0	0.9	0.9	0.9	\$0.00	\$0.00
0	0	0	2.16	0	2.16	2.16	\$0.00	\$0.00
228.87	4.52	186.79	2.94	2.61	5.55	254.58	\$0.00	\$0.00

## FY 2019 Local Forest Conservation Annual Report

Jurisdiction	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	
Anne Arundel Co	117	58	59	995.55	29.36	81.11	110.47	403.15
Baltimore City	21	0	21	98.9	0	0	0	14.7
Baltimore Co	NR	NR	NR	NR	NR	NR	NR	NR
Calvert Co	41	25	16	218.5	0	0	1.6	152.7
Caroline Co	30	27	3	25.3	0	0	0	7.6
Carroll Co	68	27	41	232.9	0	0	0	101.7
Cecil Co	5	0	5	120.4	0	0	0	90.382
Charles Co	79	66	13	161.2	0.3	0	0.3	135.9
Dorchester Co	NR	NR	NR	NR	NR	NR	NR	NR
Frederick Co	56	22	34	529.5	13.6	25.4	39	192.8
Harford Co	27	9	18	442.793	12.29	10.83	23.12	187.89
Howard Co	154	50	104	426.11	11.08	19.85	30.93	188.43
Kent Co	8	5	3	30.02	0	0	0	15.18
Montgomery Co	242	142	100	463.9	NR	NR	NR	82.7
Prince George's Co	346	248	98	4913.53	54.07	430.23	484.3	2897.2
Queen Anne's Co	9	4	5	19.575	0	0	0	10.854
St. Mary's Co	19	0	19	583.2	0	0	0	405.9
Talbot Co	0	0	0	0	0	0	0	0
Somerset Co	3	0	3	202	0	0	0	21
Washington Co	218	77	141	353.51			NR	98.27
Wicomico Co	NR	NR	NR	NR	NR	NR	NR	NR
Worcester Co	4	19	23	78.9	0	0	0	12.4
<b>TOTAL</b>	<b>1,447.00</b>	<b>779.00</b>	<b>706.00</b>	<b>9,895.79</b>	<b>120.70</b>	<b>567.42</b>	<b>689.72</b>	<b>5,018.76</b>

Key: NR = Not Report

<b>Cleared Forest</b> <i>All forest cleared including floodplain</i>	<b>Retained Forest</b> <i>Retained forest minus floodplain</i>			<b>Planted Forest</b> <i>All forest planted for all projects including floodplain</i>			<b>Long Term Protection</b> <i>Total amount of forest placed into LTP as a result of all projects incldng floodplain</i>	<b>Bond Amount Posted</b> <i>Total amt of bond posted for all projects</i>	<b>In-Lieu Fees (Collected pre-Oct 2019)</b>
	<b>onsite</b>	<b>offsite</b>	<b>total</b>	<b>onsite</b>	<b>offsite</b>	<b>total</b>			
153.65	240.55	23.16	263.71	9.92	0.35	10.27	194.42	\$395,437.50	\$410,983.04
11.1	3.6	0	3.6	14.2	0	14.2	NR	0	\$188,034.00
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
49.2	103.7	0	103.7	2.5	0	2.5	106.2	\$17,523.00	\$0.00
2	6.2	1.3	7.4	0.2	0	0.2	2.1	NR	NR
29.3	67.4	0	67.4	10.6	1.7	12.3	78.2	127,714.60	\$0.00
8.27	44.53	0	44.53	0	0	0	44.53	NR	NR
76.5	58.7	6.2	64.9	0	0	0	64.9	n/a	\$2,352.24
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
88.3	104.5	26.3	130.8	14.2	1.1	15.3	146.1		\$1,498.46
25.94	157.999	0	158	5.66	0.43	6.09	174.885	\$48,421.65	N/A
11.03	77.4	0	77.4	41.33	13.5	54.83	132.23	\$994,693.20	\$238,291.00
0	0.4	1.68	2.08	0	0	0	2.08	0	\$0.00
33.4	49.3	79.5	128.8	37.8	13.2	51	146.9	\$860,514.91	\$163,095.00
1596.79	1154.66	88.72	1243.38	309.99	13.65	323.64	1792.94	\$359,677.82	\$198,788.54
0	10.854	0	10.854	0.75	0	0	3.913	\$0.00	\$0.00
105.8	362.1	0	362.1	NR	NR	19	362.1	\$0.00	\$37,824.17
0	0	0	0	0	0	0	0	0	\$0.00
9.8	33.6		33.6	1.1		1.1	36.3	\$0.00	\$3,051.58
44.8	106.6	28.19	134.83	26.16		26.16	160.99	\$111,893.21	\$8,670.26
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
0.4	12	0.4	12.4	3.5	0	3.5	15.15	\$29,375	\$0.00
<b>2,246.28</b>	<b>2,594.09</b>	<b>255.45</b>	<b>2,849.48</b>	<b>477.91</b>	<b>43.93</b>	<b>540.09</b>	<b>3,463.94</b>	<b>\$2,945,250.89</b>	<b>\$1,252,588.29</b>

pre-Oct 2019)	In-Lieu Fees Oct 2019 -> (SB234)								Stream Buffers	
	NOT APPLICABLE to FY19 REPORT								Conserved for	
	Expended	Mitigation required	\$ Collected	Mitigation completed				\$ Expended	all projects	
for fiscal year	# of acres	Oct 2019 ->	acres reforested	acres afforested	acres conserved	total	Oct 2019 ->	Linear Length	Acreage	
\$2,190,784.09								5,314	15.72	
0								0	0	
NR								NR	NR	
\$0.00	0	0	0	0	0	0	\$0.00	0	0	
NR								NR	NR	
\$0.00	4,150	\$25.40	1,200	5.5	104.962	2423	\$0.00	0	0	
NR								0	0	
\$0.00								n/a	n/a	
NR								NR	NR	
\$0.00								22,881.00	101.8	
N/A								17,012.00	19.53	
\$0.00								11,931	24.99	
\$0.00	0	0	0	0	0	0	\$0.00	0	0	
\$190,664.00								NR	NR	
\$107,028.00								TBD	TBD	
\$0.00	0	0	0	0	0	0	\$0.00	0	0	
NR								NR	NR	
\$0.00	0	0	0	0	0	0	\$0.00	0	0	
NR	0.00	\$0.00	0.00	0.00	0.00	0.00	\$0.00	0	0	
\$32,533.63	28.71	\$375,495.28					\$0.00			
NR								NR	NR	
\$0.00	0	0	0	0	0	0	\$0.00	NR	NR	
<b>\$2,521,009.72</b>								<b>57,138</b>	<b>162.04</b>	

<b>Stream Buffers</b> <i>Newly est'd for all projects</i>		<b>Implementation</b> <b>Costs</b> <i>Annual cost of the program in \$\$</i>	<b>Labor Spent</b> <i># of hours devoted to implementing the program</i>	<b>Forest Retention Banks</b> <i>Existing forest (acres) placed or debited</i>		<b>Forest Retention Banks</b> <i>Newly planted forest (acres) placed or debited</i>	
<b>Linear Length</b>	<b>Acres</b>			<b>Newly Created</b>	<b>Debited</b>	<b>Newly Created</b>	<b>Debited</b>
273	0.60	NR	NR	0	0	0	0
0	0	\$32,950	1,040	0	0	0	0
NR	NR	NR	NR	NR	NR	NR	NR
0	0	\$77,243.00	1,292.00	0	0	0	0
NR	NR	NR	NR	NR	NR	NR	NR
20.5	NR	NR	NR	NR	NR	NR	NR
0	0	NR	NR	NR	NR	NR	NR
n/a	n/a	NR	NR	0	0	0	0
NR	NR	NR	NR	NR	NR	NR	NR
640	3	\$138,552.00	137.5	7.9	21.3	0	10.7
NR	NR	NR	NR	N/A	N/A	N/A	N/A
4,551	5.25	NR	NR	21.2	11.1	6.8	5.63
0	0	0	0	0	0	0	0
NR	NR	NR	NR	0	53.5	0	6.3
TBD	TBD	\$555,647.00	12866	0	88.72	0	13.65
0	0	0	0	0	0	0	0
NR	NR	NR	NR	NR	NR	NR	NR
0	0	0	0	0	0	0	0
0	0	\$0.00	0	0	0	0	0
NR	NR	\$437,370.86	785	9.62	5.6	0	0
NR	NR	NR	NR	NR	NR	NR	NR
NR	NR	3280.7	58	0	0.8	0	0
5,484.50	8.85	\$1,245,043.56	\$16,178.50	38.72	181.02	6.8	36.28









<b>Stream Buffers</b> <i>Conserved for all projects</i>		<b>Stream Buffers</b> <i>Newly est'd for all projects</i>		<b>Implementation</b> <b>Costs</b> <i>Annual cost of the program (\$)</i>	<b>Labor Spent</b> <i># of hours devoted to implementing the program</i>	<b>Forest Retention Banks</b> <i>Existing forest (acres) placed or debited</i>		<b>Forest Retention Banks</b> <i>Newly planted forest (acres) placed or debited</i>	
<b>Linear Length</b>	<b>Acres</b>	<b>Linear Length</b>	<b>Acreage</b>			<b>Newly Created</b>	<b>Debited</b>	<b>Newly Created</b>	<b>Debited</b>
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
0	0	0	0	0		0	0	0	0
22,072	78.1	0	0	4590	34	0	0	0	0
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
0	0	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
24,695.00	81.41	2,153.00	2.91	\$16,501.72	345	0	0	0	0

## FY 2019 Local Forest Conservation Annual Report

Jurisdiction	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	
Anne Arundel Co	117	58	59	995.55	29.36	81.11	110.47	403.15
Baltimore City	21	0	21	98.9	0	0	0	14.7
Baltimore Co	NR	NR	NR	NR	NR	NR	NR	NR
Calvert Co	41	25	16	218.5	0	0	1.6	152.7
Caroline Co	30	27	3	25.3	0	0	0	7.6
Carroll Co	68	27	41	232.9	0	0	0	101.7
Cecil Co	5	0	5	120.4	0	0	0	90.382
Charles Co	79	66	13	161.2	0.3	0	0.3	135.9
Dorchester Co	NR	NR	NR	NR	NR	NR	NR	NR
Frederick Co	56	22	34	529.5	13.6	25.4	39	192.8
Harford Co	27	9	18	442.793	12.29	10.83	23.12	187.89
Howard Co	154	50	104	426.11	11.08	19.85	30.93	188.43
Kent Co	8	5	3	30.02	0	0	0	15.18
Montgomery Co	242	142	100	463.9	NR	NR	NR	82.7
Prince George's Co	346	248	98	4913.53	54.07	430.23	484.3	2897.2
Queen Anne's Co	9	4	5	19.575	0	0	0	10.854
St. Mary's Co	19	0	19	583.2	0	0	0	405.9
Talbot Co	0	0	0	0	0	0	0	0
Somerset Co	3	0	3	202	0	0	0	21
Washington Co	218	77	141	353.51			NR	98.27
Wicomico Co	NR	NR	NR	NR	NR	NR	NR	NR
Worcester Co	4	19	23	78.9	0	0	0	12.4
<b>TOTAL</b>	<b>1,447.00</b>	<b>779.00</b>	<b>706.00</b>	<b>9,895.79</b>	<b>120.70</b>	<b>567.42</b>	<b>689.72</b>	<b>5,018.76</b>

Key: NR = Not Report

<b>Cleared Forest</b> <i>All forest cleared including floodplain</i>	<b>Retained Forest</b> <i>Retained forest minus floodplain</i>			<b>Planted Forest</b> <i>All forest planted for all projects including floodplain</i>			<b>Long Term Protection</b> <i>Total amount of forest placed into LTP as a result of all projects incldng floodplain</i>	<b>Bond Amount Posted</b> <i>Total amt of bond posted for all projects</i>	<b>In-Lieu Fees (</b>  <b>Collected</b> <i>pre-Oct 2019</i>
	<b>onsite</b>	<b>offsite</b>	<b>total</b>	<b>onsite</b>	<b>offsite</b>	<b>total</b>			
153.65	240.55	23.16	263.71	9.92	0.35	10.27	194.42	\$395,437.50	\$410,983.04
11.1	3.6	0	3.6	14.2	0	14.2	NR	0	\$188,034.00
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
49.2	103.7	0	103.7	2.5	0	2.5	106.2	\$17,523.00	\$0.00
2	6.2	1.3	7.4	0.2	0	0.2	2.1	NR	NR
29.3	67.4	0	67.4	10.6	1.7	12.3	78.2	127,714.60	\$0.00
8.27	44.53	0	44.53	0	0	0	44.53	NR	NR
76.5	58.7	6.2	64.9	0	0	0	64.9	n/a	\$2,352.24
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
88.3	104.5	26.3	130.8	14.2	1.1	15.3	146.1		\$1,498.46
25.94	157.999	0	158	5.66	0.43	6.09	174.885	\$48,421.65	N/A
11.03	77.4	0	77.4	41.33	13.5	54.83	132.23	\$994,693.20	\$238,291.00
0	0.4	1.68	2.08	0	0	0	2.08	0	\$0.00
33.4	49.3	79.5	128.8	37.8	13.2	51	146.9	\$860,514.91	\$163,095.00
1596.79	1154.66	88.72	1243.38	309.99	13.65	323.64	1792.94	\$359,677.82	\$198,788.54
0	10.854	0	10.854	0.75	0	0	3.913	\$0.00	\$0.00
105.8	362.1	0	362.1	NR	NR	19	362.1	\$0.00	\$37,824.17
0	0	0	0	0	0	0	0	0	\$0.00
9.8	33.6		33.6	1.1		1.1	36.3	\$0.00	\$3,051.58
44.8	106.6	28.19	134.83	26.16		26.16	160.99	\$111,893.21	\$8,670.26
NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
0.4	12	0.4	12.4	3.5	0	3.5	15.15	\$29,375	\$0.00
<b>2,246.28</b>	<b>2,594.09</b>	<b>255.45</b>	<b>2,849.48</b>	<b>477.91</b>	<b>43.93</b>	<b>540.09</b>	<b>3,463.94</b>	<b>\$2,945,250.89</b>	<b>\$1,252,588.29</b>

pre-Oct 2019)	In-Lieu Fees Oct 2019 -> (SB234)								Stream Buffers	
	NOT APPLICABLE to FY19 REPORT								Conserved for all projects	
	Expended for fiscal year	Mitigation required # of acres	\$ Collected Oct 2019 ->	Mitigation completed				\$ Expended Oct 2019 ->	Linear Length	Acreage
			acres reforested	acres afforested	acres conserved	total				
\$2,190,784.09									5,314	15.72
0									0	0
NR									NR	NR
\$0.00	0	0	0	0	0	0	0	\$0.00	0	0
NR									NR	NR
\$0.00	4,150	\$25.40	1,200	5.5	104.962	2423		\$0.00	0	0
NR									0	0
\$0.00									n/a	n/a
NR									NR	NR
\$0.00									22,881.00	101.8
N/A									17,012.00	19.53
\$0.00									11,931	24.99
\$0.00	0	0	0	0	0	0	0	\$0.00	0	0
\$190,664.00									NR	NR
\$107,028.00									TBD	TBD
\$0.00	0	0	0	0	0	0	0	\$0.00	0	0
NR									NR	NR
\$0.00	0	0	0	0	0	0	0	\$0.00	0	0
NR	0.00	\$0.00	0.00	0.00	0.00	0.00	0.00	\$0.00	0	0
\$32,533.63	28.71	\$375,495.28						\$0.00		
NR									NR	NR
\$0.00	0	0	0	0	0	0	0	\$0.00	NR	NR
<hr/>									57,138	162.04
<b>\$2,521,009.72</b>										

<b>Stream Buffers</b> <i>Newly est'd for all projects</i>		<b>Implementation Costs</b> <i>Annual cost of the program in \$\$</i>	<b>Labor Spent</b> <i># of hours devoted to implementing the program</i>	<b>Forest Retention Banks</b> <i>Existing forest (acres) placed or debited</i>		<b>Forest Retention Banks</b> <i>Newly planted forest (acres) placed or debited</i>	
<b>Linear Length</b>	<b>Acres</b>			<b>Newly Created</b>	<b>Debited</b>	<b>Newly Created</b>	<b>Debited</b>
273	0.60	NR	NR	0	0	0	0
0	0	\$32,950	1,040	0	0	0	0
NR	NR	NR	NR	NR	NR	NR	NR
0	0	\$77,243.00	1,292.00	0	0	0	0
NR	NR	NR	NR	NR	NR	NR	NR
20.5	NR	NR	NR	NR	NR	NR	NR
0	0	NR	NR	NR	NR	NR	NR
n/a	n/a	NR	NR	0	0	0	0
NR	NR	NR	NR	NR	NR	NR	NR
640	3	\$138,552.00	137.5	7.9	21.3	0	10.7
NR	NR	NR	NR	N/A	N/A	N/A	N/A
4,551	5.25	NR	NR	21.2	11.1	6.8	5.63
0	0	0	0	0	0	0	0
NR	NR	NR	NR	0	53.5	0	6.3
TBD	TBD	\$555,647.00	12866	0	88.72	0	13.65
0	0	0	0	0	0	0	0
NR	NR	NR	NR	NR	NR	NR	NR
0	0	0	0	0	0	0	0
0	0	\$0.00	0	0	0	0	0
NR	NR	\$437,370.86	785	9.62	5.6	0	0
NR	NR	NR	NR	NR	NR	NR	NR
NR	NR	3280.7	58	0	0.8	0	0
<b>5,484.50</b>	<b>8.85</b>	<b>\$1,245,043.56</b>	<b>\$16,178.50</b>	<b>38.72</b>	<b>181.02</b>	<b>6.8</b>	<b>36.28</b>