

## Appendix B

### Phase II WIP Strategy Results

Maryland's Phase II WIP – Appendix B  
October 15, 2012

The tables and bar charts in this Appendix present the results of Maryland's Implementation Strategies to meet the 2017 Interim and 2025 Final Nutrients and Sediment Reduction Targets for the State's Phase II WIP and Bay TMDL goals. The strategy results provided in this update of the March 30, 2012 Appendix B document incorporate refinements to the county-level urban strategies submitted to MDE by nine local jurisdictions in July 2012 following a three-month extension of the Phase II WIP schedule. In the first set of tables, the strategies are presented as pounds of reduction by source sector at the Statewide and Maryland Major Basin scale. All of the loading numbers shown in the tables represent millions of pounds of nitrogen, phosphorus and sediment.

The bar charts depict the strategy reduction information in a graphic format that presents the comparative progress by source sector from 2010 loads to the 2017 interim and 2025 final targets, based on the model input deck submitted to EPA on September 20, 2012.

Finally, an additional set of tables provides the extent of the BMPs included in the 2017 and 2025 implementation strategies in terms of acres or units treated, by sector and major basin.

Please note: Numbers in the tables that are in parentheses represent negative values.

## Maryland Chesapeake Bay Watershed

Maryland Chesapeake Bay Watershed  
 2017 Interim Strategy  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.423	0.248	0.176	0.248	
	CAFO	0.346	0.371	0.349	-0.004	
	Crop	17.059	12.871	13.908	3.151	
	Nursery	0.891	0.843	0.659	0.232	
	Pasture	1.230	0.882	0.989	0.241	
	<b>Subtotal</b>		<b>19.949</b>	<b>15.215</b>	<b>16.081</b>	<b>3.868</b>
Forest	Harvested	0.256	0.298	0.256	0.000	
	Natural	5.037	5.008	5.156	-0.119	
	<b>Subtotal</b>	<b>5.293</b>	<b>5.306</b>	<b>5.412</b>	<b>-0.119</b>	<b>( 2.2%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.665	0.665	0.665	NA	
	<b>Subtotal</b>	<b>0.665</b>	<b>0.665</b>	<b>0.665</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	2.997	1.852	2.676	0.320	
	<b>Subtotal</b>	<b>2.997</b>	<b>1.852</b>	<b>2.676</b>	<b>0.320</b>	<b>10.7%</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.553	0.578	0.558	-0.005	
	Extractive	0.102	0.087	0.094	0.008	
	Non-Regulated Developed	1.513	1.093	1.334	0.179	
	Regulated Developed	7.312	5.793	6.655	0.657	
	<b>Subtotal</b>		<b>9.479</b>	<b>7.551</b>	<b>8.641</b>	<b>0.838</b>
Wastewater	CSO	0.066	0.043	0.029	0.037	
	Industrial	1.823	1.626	1.900	-0.077	
	Municipal	12.484	8.911	6.991	5.493	
	<b>Subtotal</b>	<b>14.373</b>	<b>10.581</b>	<b>8.921</b>	<b>5.452</b>	<b>37.9%</b>
	<b>Total</b>	<b>52.756</b>	<b>41.170</b>	<b>42.396</b>	<b>10.360</b>	<b>19.6%</b>

Maryland Chesapeake Bay Watershed  
 2017 Interim Strategy  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.067	0.037	0.026	0.041	
	CAFO	0.057	0.053	0.051	0.006	
	Crop	1.131	1.028	0.952	0.178	
	Nursery	0.269	0.242	0.191	0.078	
	Pasture	0.116	0.091	0.102	0.014	
	<b>Subtotal</b>		<b>1.640</b>	<b>1.451</b>	<b>1.323</b>	<b>0.318</b>
Forest	Harvested	0.007	0.008	0.007	-0.000	
	Natural	0.145	0.144	0.148	-0.003	
	<b>Subtotal</b>	<b>0.152</b>	<b>0.152</b>	<b>0.155</b>	<b>-0.004</b>	<b>( 2.4%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.040	0.040	0.040	NA	
	<b>Subtotal</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.095	0.106	0.097	-0.002	
	Extractive	0.033	0.026	0.029	0.004	
	Non-Regulated Developed	0.115	0.066	0.099	0.016	
	Regulated Developed	0.476	0.304	0.403	0.072	
	<b>Subtotal</b>		<b>0.718</b>	<b>0.501</b>	<b>0.628</b>	<b>0.090</b>
Wastewater	CSO	0.012	0.009	0.007	0.005	
	Industrial	0.197	0.097	0.122	0.075	
	Municipal	0.542	0.560	0.444	0.098	
	<b>Subtotal</b>	<b>0.750</b>	<b>0.667</b>	<b>0.573</b>	<b>0.178</b>	<b>23.7%</b>
<b>Total</b>		<b>3.300</b>	<b>2.810</b>	<b>2.719</b>	<b>0.582</b>	<b>17.6%</b>

Maryland Chesapeake Bay Watershed  
 2017 Interim Strategy  
 Total Sediment Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	2.256	1.971	0.285	
	CAFO	0.205	0.172	0.033	
	Crop	639.576	588.919	50.658	
	Nursery	9.626	8.472	1.154	
	Pasture	44.649	41.405	3.244	
	<b>Subtotal</b>		<b>696.312</b>	<b>640.940</b>	<b>55.373</b>
Forest	Harvested	7.248	7.969	-0.721	
	Natural	118.257	121.090	-2.833	
	<b>Subtotal</b>	<b>125.504</b>	<b>129.059</b>	<b>-3.555</b>	<b>( 2.8%)</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	
	Construction	110.921	113.139	-2.218	
	Extractive	31.653	27.583	4.070	
	Non-Regulated Developed	46.764	40.156	6.609	
	Regulated Developed	353.466	271.029	82.437	
	<b>Subtotal</b>		<b>542.805</b>	<b>451.906</b>	<b>90.898</b>
Wastewater	CSO	2.103	1.461	0.642	
	Industrial	3.382	8.342	-4.960	
	Municipal	5.709	38.457	-32.748	
	<b>Subtotal</b>	<b>11.194</b>	<b>48.260</b>	<b>-37.066</b>	<b>( 331.1%)</b>
<b>Total</b>		<b>1,375.816</b>	<b>1,270.165</b>	<b>105.651</b>	<b>7.7%</b>

\* Sector targets were developed for Nitrogen and Phosphorus only

Maryland Chesapeake Bay Watershed  
 2025 Final Strategy  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	Final Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.423	0.248	0.170	0.253	
	CAFO	0.346	0.371	0.338	0.008	
	Crop	17.059	12.871	13.120	3.939	
	Nursery	0.891	0.843	0.579	0.312	
	Pasture	1.230	0.882	0.998	0.232	
	<b>Subtotal</b>		<b>19.949</b>	<b>15.215</b>	<b>15.206</b>	<b>4.743</b>
Forest	Harvested	0.256	0.298	0.256	0.000	
	Natural	5.037	5.008	5.209	-0.172	
	<b>Subtotal</b>	<b>5.293</b>	<b>5.306</b>	<b>5.465</b>	<b>-0.171</b>	<b>( 3.2%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.665	0.665	0.665	NA	
	<b>Subtotal</b>	<b>0.665</b>	<b>0.665</b>	<b>0.665</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	2.997	1.852	1.756	1.240	
	<b>Subtotal</b>	<b>2.997</b>	<b>1.852</b>	<b>1.756</b>	<b>1.240</b>	<b>41.4%</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.553	0.578	0.517	0.036	
	Extractive	0.102	0.087	0.083	0.019	
	Non-Regulated Developed	1.513	1.093	1.024	0.489	
	Regulated Developed	7.312	5.793	5.654	1.657	
	<b>Subtotal</b>		<b>9.479</b>	<b>7.551</b>	<b>7.279</b>	<b>2.201</b>
Wastewater	CSO	0.066	0.043	0.002	0.064	
	Industrial	1.823	1.626	1.632	0.191	
	Municipal	12.484	8.911	8.921	3.563	
	<b>Subtotal</b>	<b>14.373</b>	<b>10.581</b>	<b>10.555</b>	<b>3.818</b>	<b>26.6%</b>
<b>Total</b>		<b>52.756</b>	<b>41.170</b>	<b>40.925</b>	<b>11.831</b>	<b>22.4%</b>

Maryland Chesapeake Bay Watershed  
 2025 Final Strategy  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	Final Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.067	0.037	0.025	0.042	
	CAFO	0.057	0.053	0.049	0.007	
	Crop	1.131	1.028	0.918	0.212	
	Nursery	0.269	0.242	0.167	0.102	
	Pasture	0.116	0.091	0.106	0.010	
	<b>Subtotal</b>		<b>1.640</b>	<b>1.451</b>	<b>1.266</b>	<b>0.374</b>
Forest	Harvested	0.007	0.008	0.007	-0.000	
	Natural	0.145	0.144	0.150	-0.005	
	<b>Subtotal</b>	<b>0.152</b>	<b>0.152</b>	<b>0.157</b>	<b>-0.005</b>	<b>( 3.3%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.040	0.040	0.040	NA	
	<b>Subtotal</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.095	0.106	0.088	0.007	
	Extractive	0.033	0.026	0.023	0.010	
	Non-Regulated Developed	0.115	0.066	0.070	0.044	
	Regulated Developed	0.476	0.304	0.305	0.170	
	<b>Subtotal</b>		<b>0.718</b>	<b>0.501</b>	<b>0.487</b>	<b>0.232</b>
Wastewater	CSO	0.012	0.009	0.000	0.012	
	Industrial	0.197	0.097	0.098	0.099	
	Municipal	0.542	0.560	0.561	-0.019	
	<b>Subtotal</b>	<b>0.750</b>	<b>0.667</b>	<b>0.659</b>	<b>0.091</b>	<b>12.2%</b>
	<b>Total</b>	<b>3.300</b>	<b>2.810</b>	<b>2.609</b>	<b>0.692</b>	<b>21.0%</b>

Maryland Chesapeake Bay Watershed  
 2025 Final Strategy  
 Total Sediment Loads (millions of pounds per year, delivered)

		2010 Progress	Final Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	2.256	1.831	0.425	
	CAFO	0.205	0.160	0.046	
	Crop	639.576	569.951	69.625	
	Nursery	9.626	8.338	1.288	
	Pasture	44.649	41.816	2.833	
	<b>Subtotal</b>		<b>696.312</b>	<b>622.096</b>	<b>74.216</b>
Forest	Harvested	7.248	7.969	-0.721	
	Natural	118.257	122.632	-4.376	
	<b>Subtotal</b>	<b>125.504</b>	<b>130.601</b>	<b>-5.097</b>	<b>( 4.1%)</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	
	Construction	110.921	98.648	12.273	
	Extractive	31.653	22.311	9.342	
	Non-Regulated Developed	46.764	27.231	19.534	
	Regulated Developed	353.466	189.875	163.591	
	<b>Subtotal</b>		<b>542.805</b>	<b>338.065</b>	<b>204.739</b>
Wastewater	CSO	2.103	0.090	2.013	
	Industrial	3.382	12.158	-8.776	
	Municipal	5.709	50.644	-44.935	
	<b>Subtotal</b>	<b>11.194</b>	<b>62.892</b>	<b>-51.698</b>	<b>( 461.8%)</b>
<b>Total</b>		<b>1,375.816</b>	<b>1,153.655</b>	<b>222.161</b>	<b>16.1%</b>

\* Sector targets were developed for Nitrogen and Phosphorus only



## Eastern Shore of Chesapeake Bay

Eastern Shore of Chesapeake Bay  
 2017 Interim Strategy  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.210	0.132	0.115	0.095	
	CAFO	0.341	0.359	0.345	-0.004	
	Crop	9.593	6.683	7.472	2.121	
	Nursery	0.412	0.385	0.255	0.157	
	Pasture	0.367	0.143	0.175	0.192	
	<b>Subtotal</b>		<b>10.923</b>	<b>7.702</b>	<b>8.362</b>	<b>2.561</b>
Forest	Harvested	0.088	0.093	0.087	0.001	
	Natural	1.594	1.576	1.646	-0.052	
	<b>Subtotal</b>	<b>1.682</b>	<b>1.669</b>	<b>1.733</b>	<b>-0.051</b>	<b>( 3.1%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.409	0.409	0.409	NA	
	<b>Subtotal</b>	<b>0.409</b>	<b>0.409</b>	<b>0.409</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	0.765	0.434	0.647	0.118	
	<b>Subtotal</b>	<b>0.765</b>	<b>0.434</b>	<b>0.647</b>	<b>0.118</b>	<b>15.5%</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.061	0.060	0.063	-0.002	
	Extractive	0.020	0.016	0.020	0.000	
	Non-Regulated Developed	1.077	0.747	0.959	0.118	
	Regulated Developed	0.304	0.210	0.296	0.008	
	<b>Subtotal</b>		<b>1.461</b>	<b>1.033</b>	<b>1.337</b>	<b>0.124</b>
Wastewater	CSO	0.035	0.009	0.000	0.035	
	Industrial	0.153	0.429	0.511	-0.359	
	Municipal	0.754	0.652	0.441	0.314	
	<b>Subtotal</b>		<b>0.942</b>	<b>1.090</b>	<b>0.952</b>	<b>-0.010</b>
	<b>Total</b>	<b>16.183</b>	<b>12.338</b>	<b>13.440</b>	<b>2.743</b>	<b>16.9%</b>

Eastern Shore of Chesapeake Bay  
 2017 Interim Strategy  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.034	0.019	0.017	0.017	
	CAFO	0.056	0.050	0.050	0.006	
	Crop	0.702	0.650	0.562	0.139	
	Nursery	0.124	0.110	0.074	0.050	
	Pasture	0.024	0.015	0.020	0.005	
	<b>Subtotal</b>		<b>0.940</b>	<b>0.844</b>	<b>0.723</b>	<b>0.217</b>
Forest	Harvested	0.002	0.002	0.002	-0.000	
	Natural	0.044	0.044	0.046	-0.001	
	<b>Subtotal</b>	<b>0.046</b>	<b>0.046</b>	<b>0.048</b>	<b>-0.002</b>	<b>( 3.4%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.025	0.025	0.025	NA	
	<b>Subtotal</b>	<b>0.025</b>	<b>0.025</b>	<b>0.025</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.009	0.009	0.009	-0.001	
	Extractive	0.003	0.002	0.003	0.000	
	Non-Regulated Developed	0.063	0.033	0.055	0.008	
	Regulated Developed	0.015	0.008	0.015	0.000	
	<b>Subtotal</b>		<b>0.090</b>	<b>0.052</b>	<b>0.082</b>	<b>0.008</b>
Wastewater	CSO	0.004	0.001	0.000	0.004	
	Industrial	0.029	0.018	0.023	0.005	
	Municipal	0.052	0.060	0.042	0.010	
	<b>Subtotal</b>		<b>0.085</b>	<b>0.079</b>	<b>0.065</b>	<b>0.020</b>
<b>Total</b>		<b>1.187</b>	<b>1.046</b>	<b>0.943</b>	<b>0.244</b>	<b>20.6%</b>

Eastern Shore of Chesapeake Bay  
 2017 Interim Strategy  
 Total Sediment Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.083	0.073	0.010	
	CAFO	0.039	0.037	0.002	
	Crop	144.988	124.063	20.926	
	Nursery	2.252	2.196	0.056	
	Pasture	1.876	1.850	0.026	
	<b>Subtotal</b>		<b>149.237</b>	<b>128.218</b>	<b>21.019</b>
Forest	Harvested	1.629	1.838	-0.209	
	Natural	14.908	15.390	-0.481	
	<b>Subtotal</b>	<b>16.538</b>	<b>17.228</b>	<b>-0.690</b>	<b>( 4.2%)</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	
	Construction	7.156	7.518	-0.362	
	Extractive	2.985	2.960	0.026	
	Non-Regulated Developed	21.801	18.919	2.882	
	Regulated Developed	9.929	9.070	0.860	
	<b>Subtotal</b>		<b>41.872</b>	<b>38.467</b>	<b>3.405</b>
Wastewater	CSO	0.575	0.000	0.575	
	Industrial	0.168	0.787	-0.619	
	Municipal	0.623	2.797	-2.174	
	<b>Subtotal</b>	<b>1.367</b>	<b>3.584</b>	<b>-2.217</b>	<b>( 162.2%)</b>
<b>Total</b>		<b>209.014</b>	<b>187.497</b>	<b>21.517</b>	<b>10.3%</b>

\* Sector targets were developed for Nitrogen and Phosphorus only

Eastern Shore of Chesapeake Bay  
 2025 Final Strategy  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	Final Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.210	0.132	0.111	0.099	
	CAFO	0.341	0.359	0.333	0.007	
	Crop	9.593	6.683	6.931	2.662	
	Nursery	0.412	0.385	0.211	0.201	
	Pasture	0.367	0.143	0.182	0.184	
	<b>Subtotal</b>		<b>10.923</b>	<b>7.702</b>	<b>7.770</b>	<b>3.153</b>
Forest	Harvested	0.088	0.093	0.087	0.001	
	Natural	1.594	1.576	1.658	-0.064	
	<b>Subtotal</b>	<b>1.682</b>	<b>1.669</b>	<b>1.745</b>	<b>-0.063</b>	<b>( 3.7%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.409	0.409	0.409	NA	
	<b>Subtotal</b>	<b>0.409</b>	<b>0.409</b>	<b>0.409</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	0.765	0.434	0.431	0.334	
	<b>Subtotal</b>	<b>0.765</b>	<b>0.434</b>	<b>0.431</b>	<b>0.334</b>	<b>43.7%</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.061	0.060	0.060	0.000	
	Extractive	0.020	0.016	0.016	0.004	
	Non-Regulated Developed	1.077	0.747	0.711	0.366	
	Regulated Developed	0.304	0.210	0.228	0.075	
	<b>Subtotal</b>		<b>1.461</b>	<b>1.033</b>	<b>1.016</b>	<b>0.445</b>
Wastewater	CSO	0.035	0.009	0.000	0.035	
	Industrial	0.153	0.429	0.455	-0.303	
	Municipal	0.754	0.652	0.658	0.097	
	<b>Subtotal</b>	<b>0.942</b>	<b>1.090</b>	<b>1.113</b>	<b>-0.171</b>	<b>( 18.1%)</b>
<b>Total</b>		<b>16.183</b>	<b>12.338</b>	<b>12.484</b>	<b>3.700</b>	<b>22.9%</b>

Eastern Shore of Chesapeake Bay  
 2025 Final Strategy  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	Final Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.034	0.019	0.016	0.018	
	CAFO	0.056	0.050	0.048	0.007	
	Crop	0.702	0.650	0.538	0.164	
	Nursery	0.124	0.110	0.061	0.063	
	Pasture	0.024	0.015	0.021	0.003	
	<b>Subtotal</b>		<b>0.940</b>	<b>0.844</b>	<b>0.685</b>	<b>0.255</b>
Forest	Harvested	0.002	0.002	0.002	-0.000	
	Natural	0.044	0.044	0.046	-0.002	
	<b>Subtotal</b>	<b>0.046</b>	<b>0.046</b>	<b>0.048</b>	<b>-0.002</b>	<b>( 4.1%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.025	0.025	0.025	NA	
	<b>Subtotal</b>	<b>0.025</b>	<b>0.025</b>	<b>0.025</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.009	0.009	0.009	0.000	
	Extractive	0.003	0.002	0.002	0.001	
	Non-Regulated Developed	0.063	0.033	0.036	0.027	
	Regulated Developed	0.015	0.008	0.011	0.004	
	<b>Subtotal</b>		<b>0.090</b>	<b>0.052</b>	<b>0.058</b>	<b>0.033</b>
Wastewater	CSO	0.004	0.001	0.000	0.004	
	Industrial	0.029	0.018	0.018	0.010	
	Municipal	0.052	0.060	0.059	-0.007	
	<b>Subtotal</b>	<b>0.085</b>	<b>0.079</b>	<b>0.078</b>	<b>0.008</b>	<b>9.2%</b>
<b>Total</b>		<b>1.187</b>	<b>1.046</b>	<b>0.893</b>	<b>0.294</b>	<b>24.8%</b>

Eastern Shore of Chesapeake Bay  
 2025 Final Strategy  
 Total Sediment Loads (millions of pounds per year, delivered)

		2010 Progress	Final Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.083	0.064	0.019	
	CAFO	0.039	0.033	0.006	
	Crop	144.988	119.956	25.032	
	Nursery	2.252	2.189	0.062	
	Pasture	1.876	2.017	-0.142	
	<b>Subtotal</b>		<b>149.237</b>	<b>124.260</b>	<b>24.977</b>
Forest	Harvested	1.629	1.838	-0.209	
	Natural	14.908	15.508	-0.599	
	<b>Subtotal</b>	<b>16.538</b>	<b>17.346</b>	<b>-0.809</b>	<b>( 4.9%)</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	
	Construction	7.156	7.001	0.155	
	Extractive	2.985	2.070	0.915	
	Non-Regulated Developed	21.801	10.716	11.085	
	Regulated Developed	9.929	5.351	4.579	
	<b>Subtotal</b>		<b>41.872</b>	<b>25.138</b>	<b>16.734</b>
Wastewater	CSO	0.575	0.000	0.575	
	Industrial	0.168	2.835	-2.667	
	Municipal	0.623	4.577	-3.954	
	<b>Subtotal</b>	<b>1.367</b>	<b>7.412</b>	<b>-6.045</b>	<b>( 442.2%)</b>
<b>Total</b>		<b>209.014</b>	<b>174.157</b>	<b>34.857</b>	<b>16.7%</b>

\* Sector targets were developed for Nitrogen and Phosphorus only

## Patuxent River Basin

Patuxent River Basin  
 2017 Interim Strategy  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.020	0.013	0.005	0.015	
	CAFO	0.000	0.000	0.000	0.000	
	Crop	0.416	0.303	0.341	0.075	
	Nursery	0.067	0.064	0.055	0.012	
	Pasture	0.056	0.047	0.056	0.000	
	<b>Subtotal</b>		<b>0.559</b>	<b>0.427</b>	<b>0.457</b>	<b>0.102</b>
Forest	Harvested	0.021	0.025	0.021	-0.000	
	Natural	0.453	0.447	0.460	-0.007	
	<b>Subtotal</b>		<b>0.474</b>	<b>0.472</b>	<b>0.481</b>	<b>-0.007</b>
Non-Tidal Atm	Non-Tidal Atm	0.021	0.021	0.021	NA	
	<b>Subtotal</b>		<b>0.021</b>	<b>0.021</b>	<b>0.021</b>	<b>NA</b>
Septic	Septic	0.469	0.308	0.398	0.071	
	<b>Subtotal</b>		<b>0.469</b>	<b>0.308</b>	<b>0.398</b>	<b>0.071</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.073	0.082	0.074	-0.000	
	Extractive	0.011	0.010	0.011	0.000	
	Non-Regulated Developed	0.191	0.149	0.153	0.038	
	Regulated Developed	0.796	0.695	0.745	0.051	
	<b>Subtotal</b>		<b>1.072</b>	<b>0.936</b>	<b>0.983</b>	<b>0.089</b>
Wastewater	CSO	0.000	-	0.000	0.000	
	Industrial	0.061	0.031	0.035	0.026	
	Municipal	0.669	0.917	0.682	-0.013	
	<b>Subtotal</b>		<b>0.730</b>	<b>0.948</b>	<b>0.717</b>	<b>0.013</b>
<b>Total</b>		<b>3.325</b>	<b>3.114</b>	<b>3.058</b>	<b>0.268</b>	<b>8.0%</b>

Patuxent River Basin  
 2017 Interim Strategy  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.003	0.002	0.001	0.002	
	CAFO	0.000	0.000	0.000	0.000	
	Crop	0.037	0.030	0.032	0.005	
	Nursery	0.029	0.026	0.023	0.006	
	Pasture	0.007	0.006	0.007	0.000	
	<b>Subtotal</b>		<b>0.076</b>	<b>0.064</b>	<b>0.063</b>	<b>0.014</b>
Forest	Harvested	0.001	0.001	0.001	-0.000	
	Natural	0.014	0.013	0.014	-0.000	
	<b>Subtotal</b>	<b>0.014</b>	<b>0.014</b>	<b>0.014</b>	<b>-0.000</b>	<b>( 2.0%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.002	0.002	0.002	NA	
	<b>Subtotal</b>	<b>0.002</b>	<b>0.002</b>	<b>0.002</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.017	0.020	0.017	-0.000	
	Extractive	0.003	0.002	0.003	0.000	
	Non-Regulated Developed	0.018	0.011	0.013	0.005	
	Regulated Developed	0.062	0.046	0.057	0.005	
	<b>Subtotal</b>		<b>0.100</b>	<b>0.079</b>	<b>0.090</b>	<b>0.010</b>
Wastewater	CSO	0.000	-	0.000	0.000	
	Industrial	0.041	0.011	0.020	0.021	
	Municipal	0.072	0.072	0.053	0.019	
	<b>Subtotal</b>		<b>0.113</b>	<b>0.083</b>	<b>0.073</b>	<b>0.040</b>
<b>Total</b>		<b>0.305</b>	<b>0.243</b>	<b>0.242</b>	<b>0.063</b>	<b>20.6%</b>



Patuxent River Basin  
 2017 Interim Strategy  
 Total Sediment Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.240	0.234	0.006	
	CAFO	0.000	0.000	0.000	
	Crop	39.710	33.702	6.009	
	Nursery	2.389	2.029	0.360	
	Pasture	3.760	3.308	0.451	
	<b>Subtotal</b>		<b>46.099</b>	<b>39.273</b>	<b>6.826</b>
Forest	Harvested	0.472	0.518	-0.046	
	Natural	12.545	12.842	-0.297	
	<b>Subtotal</b>	<b>13.017</b>	<b>13.360</b>	<b>-0.343</b>	<b>( 2.6%)</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	
	Construction	13.984	14.281	-0.297	
	Extractive	1.260	1.257	0.003	
	Non-Regulated Developed	4.530	3.082	1.448	
	Regulated Developed	41.330	33.466	7.864	
	<b>Subtotal</b>		<b>61.104</b>	<b>52.086</b>	<b>9.018</b>
Wastewater	CSO	0.000	0.000	0.000	
	Industrial	0.146	0.242	-0.097	
	Municipal	0.693	6.376	-5.683	
	<b>Subtotal</b>	<b>0.838</b>	<b>6.618</b>	<b>-5.780</b>	<b>( 689.6%)</b>
<b>Total</b>		<b>121.059</b>	<b>111.338</b>	<b>9.721</b>	<b>8.0%</b>

\* Sector targets were developed for Nitrogen and Phosphorus only

Patuxent River Basin  
 2025 Final Strategy  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	Final Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.020	0.013	0.005	0.015	
	CAFO	0.000	0.000	0.000	0.000	
	Crop	0.416	0.303	0.317	0.099	
	Nursery	0.067	0.064	0.049	0.018	
	Pasture	0.056	0.047	0.059	-0.002	
	<b>Subtotal</b>		<b>0.559</b>	<b>0.427</b>	<b>0.429</b>	<b>0.130</b>
Forest	Harvested	0.021	0.025	0.021	-0.000	
	Natural	0.453	0.447	0.465	-0.012	
	<b>Subtotal</b>	<b>0.474</b>	<b>0.472</b>	<b>0.486</b>	<b>-0.012</b>	<b>( 2.6%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.021	0.021	0.021	NA	
	<b>Subtotal</b>	<b>0.021</b>	<b>0.021</b>	<b>0.021</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	0.469	0.308	0.305	0.164	
	<b>Subtotal</b>	<b>0.469</b>	<b>0.308</b>	<b>0.305</b>	<b>0.164</b>	<b>34.9%</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.073	0.082	0.073	0.001	
	Extractive	0.011	0.010	0.010	0.001	
	Non-Regulated Developed	0.191	0.149	0.125	0.066	
	Regulated Developed	0.796	0.695	0.659	0.138	
	<b>Subtotal</b>		<b>1.072</b>	<b>0.936</b>	<b>0.866</b>	<b>0.206</b>
Wastewater	CSO	0.000	-	0.000	0.000	
	Industrial	0.061	0.031	0.031	0.030	
	Municipal	0.669	0.917	0.918	-0.249	
	<b>Subtotal</b>		<b>0.730</b>	<b>0.948</b>	<b>0.949</b>	<b>-0.219</b>
<b>Total</b>		<b>3.325</b>	<b>3.114</b>	<b>3.057</b>	<b>0.268</b>	<b>8.1%</b>

Patuxent River Basin  
 2025 Final Strategy  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	Final Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.003	0.002	0.001	0.002	
	CAFO	0.000	0.000	0.000	0.000	
	Crop	0.037	0.030	0.030	0.007	
	Nursery	0.029	0.026	0.020	0.009	
	Pasture	0.007	0.006	0.008	-0.001	
	<b>Subtotal</b>		<b>0.076</b>	<b>0.064</b>	<b>0.059</b>	<b>0.018</b>
Forest	Harvested	0.001	0.001	0.001	-0.000	
	Natural	0.014	0.013	0.014	-0.000	
	<b>Subtotal</b>	<b>0.014</b>	<b>0.014</b>	<b>0.015</b>	<b>-0.000</b>	<b>( 3.1%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.002	0.002	0.002	NA	
	<b>Subtotal</b>	<b>0.002</b>	<b>0.002</b>	<b>0.002</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.017	0.020	0.017	0.000	
	Extractive	0.003	0.002	0.003	0.000	
	Non-Regulated Developed	0.018	0.011	0.009	0.009	
	Regulated Developed	0.062	0.046	0.046	0.016	
	<b>Subtotal</b>		<b>0.100</b>	<b>0.079</b>	<b>0.075</b>	<b>0.025</b>
Wastewater	CSO	0.000	-	0.000	0.000	
	Industrial	0.041	0.011	0.011	0.030	
	Municipal	0.072	0.072	0.073	-0.001	
	<b>Subtotal</b>	<b>0.113</b>	<b>0.083</b>	<b>0.083</b>	<b>0.029</b>	<b>25.9%</b>
	<b>Total</b>	<b>0.305</b>	<b>0.243</b>	<b>0.233</b>	<b>0.071</b>	<b>23.4%</b>

Patuxent River Basin  
 2025 Final Strategy  
 Total Sediment Loads (millions of pounds per year, delivered)

		2010 Progress	Final Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.240	0.232	0.008	
	CAFO	0.000	0.000	0.000	
	Crop	39.710	31.631	8.079	
	Nursery	2.389	1.987	0.402	
	Pasture	3.760	3.359	0.400	
	<b>Subtotal</b>		<b>46.099</b>	<b>37.210</b>	<b>8.889</b>
Forest	Harvested	0.472	0.518	-0.046	
	Natural	12.545	12.992	-0.447	
	<b>Subtotal</b>	<b>13.017</b>	<b>13.510</b>	<b>-0.493</b>	<b>( 3.8%)</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	
	Construction	13.984	13.562	0.422	
	Extractive	1.260	1.050	0.210	
	Non-Regulated Developed	4.530	1.857	2.673	
	Regulated Developed	41.330	27.504	13.826	
	<b>Subtotal</b>		<b>61.104</b>	<b>43.973</b>	<b>17.131</b>
Wastewater	CSO	0.000	0.000	0.000	
	Industrial	0.146	0.235	-0.090	
	Municipal	0.693	8.635	-7.943	
	<b>Subtotal</b>	<b>0.838</b>	<b>8.871</b>	<b>-8.033</b>	<b>( 958.3%)</b>
<b>Total</b>		<b>121.059</b>	<b>103.564</b>	<b>17.495</b>	<b>14.5%</b>

\* Sector targets were developed for Nitrogen and Phosphorus only

## Potomac River Basin

Potomac River Basin  
 2017 Interim Strategy  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.170	0.093	0.049	0.122	
	CAFO	0.005	0.011	0.004	0.000	
	Crop	5.725	5.030	5.008	0.718	
	Nursery	0.327	0.315	0.282	0.045	
	Pasture	0.635	0.560	0.592	0.043	
	<b>Subtotal</b>		<b>6.862</b>	<b>6.008</b>	<b>5.935</b>	<b>0.927</b>
Forest	Harvested	0.108	0.138	0.108	0.000	
	Natural	2.154	2.152	2.191	-0.037	
	<b>Subtotal</b>	<b>2.263</b>	<b>2.290</b>	<b>2.299</b>	<b>-0.037</b>	<b>( 1.6%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.134	0.134	0.134	NA	
	<b>Subtotal</b>	<b>0.134</b>	<b>0.134</b>	<b>0.134</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	0.767	0.549	0.742	0.025	
	<b>Subtotal</b>	<b>0.767</b>	<b>0.549</b>	<b>0.742</b>	<b>0.025</b>	<b>3.2%</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.325	0.343	0.325	-0.001	
	Extractive	0.061	0.054	0.054	0.008	
	Non-Regulated Developed	0.192	0.161	0.184	0.008	
	Regulated Developed	3.412	2.914	3.194	0.217	
	<b>Subtotal</b>		<b>3.989</b>	<b>3.472</b>	<b>3.757</b>	<b>0.232</b>
Wastewater	CSO	0.031	0.034	0.029	0.002	
	Industrial	0.298	0.199	0.236	0.062	
	Municipal	3.191	3.338	2.490	0.701	
	<b>Subtotal</b>		<b>3.519</b>	<b>3.572</b>	<b>2.756</b>	<b>0.764</b>
<b>Total</b>		<b>17.535</b>	<b>16.025</b>	<b>15.624</b>	<b>1.911</b>	<b>10.9%</b>

Potomac River Basin  
 2017 Interim Strategy  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.026	0.015	0.007	0.019	
	CAFO	0.001	0.002	0.001	0.000	
	Crop	0.323	0.294	0.297	0.026	
	Nursery	0.091	0.084	0.076	0.016	
	Pasture	0.072	0.061	0.062	0.009	
	<b>Subtotal</b>		<b>0.513</b>	<b>0.456</b>	<b>0.443</b>	<b>0.069</b>
Forest	Harvested	0.003	0.004	0.003	-0.000	
	Natural	0.068	0.068	0.069	-0.001	
	<b>Subtotal</b>	<b>0.072</b>	<b>0.072</b>	<b>0.073</b>	<b>-0.001</b>	<b>( 1.7%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.008	0.008	0.008	NA	
	<b>Subtotal</b>	<b>0.008</b>	<b>0.008</b>	<b>0.008</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.053	0.060	0.053	-0.001	
	Extractive	0.025	0.020	0.021	0.004	
	Non-Regulated Developed	0.028	0.019	0.027	0.001	
	Regulated Developed	0.200	0.143	0.184	0.016	
	<b>Subtotal</b>		<b>0.306</b>	<b>0.242</b>	<b>0.285</b>	<b>0.021</b>
Wastewater	CSO	0.008	0.008	0.007	0.000	
	Industrial	0.057	0.029	0.032	0.024	
	Municipal	0.105	0.178	0.142	-0.038	
	<b>Subtotal</b>	<b>0.169</b>	<b>0.215</b>	<b>0.182</b>	<b>-0.013</b>	<b>( 7.8%)</b>
	<b>Total</b>	<b>1.067</b>	<b>0.993</b>	<b>0.991</b>	<b>0.076</b>	<b>7.1%</b>

Potomac River Basin  
 2017 Interim Strategy  
 Total Sediment Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	1.680	1.419	0.261	
	CAFO	0.151	0.122	0.029	
	Crop	367.109	354.380	12.729	
	Nursery	3.759	3.192	0.567	
	Pasture	34.926	32.153	2.773	
	<b>Subtotal</b>		<b>407.625</b>	<b>391.267</b>	<b>16.359</b>
Forest	Harvested	3.954	4.250	-0.296	
	Natural	64.272	65.306	-1.034	
	<b>Subtotal</b>	<b>68.226</b>	<b>69.556</b>	<b>-1.330</b>	<b>( 1.9%)</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	
	Construction	60.793	61.571	-0.778	
	Extractive	25.681	21.634	4.047	
	Non-Regulated Developed	18.802	17.269	1.533	
	Regulated Developed	160.364	145.437	14.927	
	<b>Subtotal</b>		<b>265.640</b>	<b>245.912</b>	<b>19.728</b>
Wastewater	CSO	1.528	1.461	0.067	
	Industrial	2.099	2.696	-0.597	
	Municipal	0.967	11.025	-10.058	
	<b>Subtotal</b>	<b>4.594</b>	<b>15.182</b>	<b>-10.588</b>	<b>( 230.4%)</b>
<b>Total</b>		<b>746.086</b>	<b>721.918</b>	<b>24.169</b>	<b>3.2%</b>

\* Sector targets were developed for Nitrogen and Phosphorus only

Potomac River Basin  
 2025 Final Strategy  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	Final Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.170	0.093	0.047	0.124	
	CAFO	0.005	0.011	0.004	0.000	
	Crop	5.725	5.030	4.855	0.871	
	Nursery	0.327	0.315	0.263	0.064	
	Pasture	0.635	0.560	0.589	0.046	
	<b>Subtotal</b>		<b>6.862</b>	<b>6.008</b>	<b>5.758</b>	<b>1.105</b>
Forest	Harvested	0.108	0.138	0.108	0.000	
	Natural	2.154	2.152	2.213	-0.059	
	<b>Subtotal</b>	<b>2.263</b>	<b>2.290</b>	<b>2.321</b>	<b>-0.059</b>	<b>( 2.6%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.134	0.134	0.134	NA	
	<b>Subtotal</b>	<b>0.134</b>	<b>0.134</b>	<b>0.134</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	0.767	0.549	0.529	0.238	
	<b>Subtotal</b>	<b>0.767</b>	<b>0.549</b>	<b>0.529</b>	<b>0.238</b>	<b>31.0%</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.325	0.343	0.296	0.028	
	Extractive	0.061	0.054	0.049	0.012	
	Non-Regulated Developed	0.192	0.161	0.154	0.038	
	Regulated Developed	3.412	2.914	2.861	0.551	
	<b>Subtotal</b>		<b>3.989</b>	<b>3.472</b>	<b>3.360</b>	<b>0.630</b>
Wastewater	CSO	0.031	0.034	0.002	0.029	
	Industrial	0.298	0.199	0.197	0.101	
	Municipal	3.191	3.338	3.345	-0.154	
	<b>Subtotal</b>		<b>3.519</b>	<b>3.572</b>	<b>3.544</b>	<b>-0.024</b>
<b>Total</b>		<b>17.535</b>	<b>16.025</b>	<b>15.646</b>	<b>1.890</b>	<b>10.8%</b>



Potomac River Basin  
 2025 Final Strategy  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	Final Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.026	0.015	0.007	0.019	
	CAFO	0.001	0.002	0.001	0.000	
	Crop	0.323	0.294	0.291	0.031	
	Nursery	0.091	0.084	0.070	0.021	
	Pasture	0.072	0.061	0.063	0.009	
	<b>Subtotal</b>		<b>0.513</b>	<b>0.456</b>	<b>0.432</b>	<b>0.080</b>
Forest	Harvested	0.003	0.004	0.003	-0.000	
	Natural	0.068	0.068	0.070	-0.002	
	<b>Subtotal</b>	<b>0.072</b>	<b>0.072</b>	<b>0.073</b>	<b>-0.002</b>	<b>( 2.5%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.008	0.008	0.008	NA	
	<b>Subtotal</b>	<b>0.008</b>	<b>0.008</b>	<b>0.008</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.053	0.060	0.047	0.005	
	Extractive	0.025	0.020	0.017	0.008	
	Non-Regulated Developed	0.028	0.019	0.022	0.006	
	Regulated Developed	0.200	0.143	0.160	0.041	
	<b>Subtotal</b>		<b>0.306</b>	<b>0.242</b>	<b>0.246</b>	<b>0.060</b>
Wastewater	CSO	0.008	0.008	0.000	0.007	
	Industrial	0.057	0.029	0.028	0.029	
	Municipal	0.105	0.178	0.181	-0.076	
	<b>Subtotal</b>	<b>0.169</b>	<b>0.215</b>	<b>0.209</b>	<b>-0.040</b>	<b>( 23.9%)</b>
<b>Total</b>		<b>1.067</b>	<b>0.993</b>	<b>0.969</b>	<b>0.098</b>	<b>9.2%</b>

Potomac River Basin  
 2025 Final Strategy  
 Total Sediment Loads (millions of pounds per year, delivered)

		2010 Progress	Final Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	1.680	1.293	0.388	
	CAFO	0.151	0.113	0.038	
	Crop	367.109	345.464	21.644	
	Nursery	3.759	3.126	0.633	
	Pasture	34.926	32.136	2.790	
	<b>Subtotal</b>		<b>407.625</b>	<b>382.132</b>	<b>25.493</b>
Forest	Harvested	3.954	4.250	-0.296	
	Natural	64.272	66.016	-1.744	
	<b>Subtotal</b>	<b>68.226</b>	<b>70.266</b>	<b>-2.040</b>	<b>( 3.0%)</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	
	Construction	60.793	52.518	8.276	
	Extractive	25.681	17.922	7.759	
	Non-Regulated Developed	18.802	14.030	4.772	
	Regulated Developed	160.364	118.412	41.952	
	<b>Subtotal</b>		<b>265.640</b>	<b>202.882</b>	<b>62.758</b>
Wastewater	CSO	1.528	0.090	1.438	
	Industrial	2.099	3.049	-0.949	
	Municipal	0.967	15.261	-14.294	
	<b>Subtotal</b>	<b>4.594</b>	<b>18.400</b>	<b>-13.805</b>	<b>( 300.5%)</b>
	<b>Total</b>	<b>746.086</b>	<b>673.681</b>	<b>72.406</b>	<b>9.7%</b>

\* Sector targets were developed for Nitrogen and Phosphorus only

## Susquehanna River Basin

Susquehanna River Basin  
 2017 Interim Strategy  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.013	0.007	0.004	0.009	
	CAFO	0.000	0.001	0.000	0.000	
	Crop	0.702	0.431	0.570	0.131	
	Nursery	0.042	0.039	0.032	0.010	
	Pasture	0.098	0.073	0.094	0.004	
	<b>Subtotal</b>		<b>0.855</b>	<b>0.550</b>	<b>0.701</b>	<b>0.154</b>
Forest	Harvested	0.013	0.013	0.013	-0.000	
	Natural	0.297	0.295	0.305	-0.008	
	<b>Subtotal</b>	<b>0.310</b>	<b>0.308</b>	<b>0.318</b>	<b>-0.008</b>	<b>( 2.6%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.047	0.047	0.047	NA	
	<b>Subtotal</b>	<b>0.047</b>	<b>0.047</b>	<b>0.047</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	0.102	0.059	0.102	0.000	
	<b>Subtotal</b>	<b>0.102</b>	<b>0.059</b>	<b>0.102</b>	<b>0.000</b>	<b>0.1%</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.017	0.016	0.017	-0.000	
	Extractive	0.002	0.002	0.002	0.000	
	Regulated Developed	0.297	0.205	0.258	0.039	
	<b>Subtotal</b>	<b>0.316</b>	<b>0.223</b>	<b>0.277</b>	<b>0.039</b>	<b>12.3%</b>
Wastewater	CSO	0.000	-	0.000	0.000	
	Industrial	0.030	0.012	0.020	0.010	
	Municipal	0.033	0.022	0.013	0.019	
	<b>Subtotal</b>	<b>0.062</b>	<b>0.034</b>	<b>0.034</b>	<b>0.029</b>	<b>46.3%</b>
<b>Total</b>		<b>1.692</b>	<b>1.222</b>	<b>1.479</b>	<b>0.214</b>	<b>12.6%</b>

Susquehanna River Basin  
 2017 Interim Strategy  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.002	0.001	0.001	0.001	
	CAFO	0.000	0.000	0.000	0.000	
	Crop	0.029	0.022	0.026	0.004	
	Nursery	0.009	0.008	0.007	0.002	
	Pasture	0.006	0.004	0.006	-0.000	
	<b>Subtotal</b>		<b>0.046</b>	<b>0.035</b>	<b>0.039</b>	<b>0.007</b>
Forest	Harvested	0.000	0.000	0.000	-0.000	
	Natural	0.005	0.005	0.005	-0.000	
	<b>Subtotal</b>	<b>0.005</b>	<b>0.005</b>	<b>0.005</b>	<b>-0.000</b>	<b>( 3.5%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.003	0.003	0.003	NA	
	<b>Subtotal</b>	<b>0.003</b>	<b>0.003</b>	<b>0.003</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.002	0.002	0.002	-0.000	
	Extractive	0.000	0.000	0.000	0.000	
	Regulated Developed	0.012	0.006	0.010	0.002	
	<b>Subtotal</b>	<b>0.014</b>	<b>0.009</b>	<b>0.013</b>	<b>0.002</b>	<b>11.1%</b>
Wastewater	CSO	0.000	-	0.000	0.000	
	Industrial	0.002	0.000	0.000	0.001	
	Municipal	0.003	0.004	0.001	0.002	
	<b>Subtotal</b>	<b>0.005</b>	<b>0.004</b>	<b>0.002</b>	<b>0.003</b>	<b>60.5%</b>
<b>Total</b>		<b>0.073</b>	<b>0.056</b>	<b>0.061</b>	<b>0.012</b>	<b>15.9%</b>

Susquehanna River Basin  
 2017 Interim Strategy  
 Total Sediment Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.087	0.084	0.002	
	CAFO	0.002	0.002	0.000	
	Crop	44.789	40.125	4.664	
	Nursery	0.296	0.261	0.035	
	Pasture	1.560	1.708	-0.148	
	<b>Subtotal</b>		<b>46.734</b>	<b>42.180</b>	<b>4.554</b>
Forest	Harvested	0.450	0.536	-0.085	
	Natural	9.709	9.974	-0.265	
	<b>Subtotal</b>	<b>10.159</b>	<b>10.510</b>	<b>-0.351</b>	<b>( 3.5%)</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	
	Construction	3.823	3.896	-0.072	
	Extractive	0.188	0.188	0.000	
	Regulated Developed	10.241	8.742	1.499	
	<b>Subtotal</b>	<b>14.252</b>	<b>12.826</b>	<b>1.427</b>	<b>10.0%</b>
Wastewater	CSO	0.000	0.000	0.000	
	Industrial	0.026	0.046	-0.020	
	Municipal	0.031	0.059	-0.028	
	<b>Subtotal</b>	<b>0.056</b>	<b>0.104</b>	<b>-0.048</b>	<b>( 85.5%)</b>
<b>Total</b>		<b>71.202</b>	<b>65.620</b>	<b>5.582</b>	<b>7.8%</b>

\* Sector targets were developed for Nitrogen and Phosphorus only

Susquehanna River Basin  
 2025 Final Strategy  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	Final Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.013	0.007	0.004	0.009	
	CAFO	0.000	0.001	0.000	0.000	
	Crop	0.702	0.431	0.528	0.174	
	Nursery	0.042	0.039	0.027	0.015	
	Pasture	0.098	0.073	0.095	0.003	
	<b>Subtotal</b>		<b>0.855</b>	<b>0.550</b>	<b>0.654</b>	<b>0.201</b>
Forest	Harvested	0.013	0.013	0.013	-0.000	
	Natural	0.297	0.295	0.307	-0.011	
	<b>Subtotal</b>	<b>0.310</b>	<b>0.308</b>	<b>0.320</b>	<b>-0.011</b>	<b>( 3.5%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.047	0.047	0.047	NA	
	<b>Subtotal</b>	<b>0.047</b>	<b>0.047</b>	<b>0.047</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	0.102	0.059	0.060	0.043	
	<b>Subtotal</b>	<b>0.102</b>	<b>0.059</b>	<b>0.060</b>	<b>0.043</b>	<b>41.7%</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.017	0.016	0.016	0.001	
	Extractive	0.002	0.002	0.002	0.001	
	Regulated Developed	0.297	0.205	0.188	0.109	
	<b>Subtotal</b>	<b>0.316</b>	<b>0.223</b>	<b>0.205</b>	<b>0.111</b>	<b>35.1%</b>
Wastewater	CSO	0.000	-	0.000	0.000	
	Industrial	0.030	0.012	0.012	0.018	
	Municipal	0.033	0.022	0.016	0.017	
	<b>Subtotal</b>	<b>0.062</b>	<b>0.034</b>	<b>0.028</b>	<b>0.034</b>	<b>55.1%</b>
<b>Total</b>		<b>1.692</b>	<b>1.222</b>	<b>1.314</b>	<b>0.378</b>	<b>22.3%</b>

Susquehanna River Basin  
 2025 Final Strategy  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	Final Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.002	0.001	0.001	0.001	
	CAFO	0.000	0.000	0.000	0.000	
	Crop	0.029	0.022	0.024	0.005	
	Nursery	0.009	0.008	0.006	0.004	
	Pasture	0.006	0.004	0.006	-0.001	
	<b>Subtotal</b>		<b>0.046</b>	<b>0.035</b>	<b>0.037</b>	<b>0.009</b>
Forest	Harvested	0.000	0.000	0.000	-0.000	
	Natural	0.005	0.005	0.005	-0.000	
	<b>Subtotal</b>	<b>0.005</b>	<b>0.005</b>	<b>0.005</b>	<b>-0.000</b>	<b>( 4.5%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.003	0.003	0.003	NA	
	<b>Subtotal</b>	<b>0.003</b>	<b>0.003</b>	<b>0.003</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.002	0.002	0.002	0.000	
	Extractive	0.000	0.000	0.000	0.000	
	Regulated Developed	0.012	0.006	0.006	0.005	
	<b>Subtotal</b>	<b>0.014</b>	<b>0.009</b>	<b>0.009</b>	<b>0.006</b>	<b>40.6%</b>
Wastewater	CSO	0.000	-	0.000	0.000	
	Industrial	0.002	0.000	0.000	0.001	
	Municipal	0.003	0.004	0.002	0.001	
	<b>Subtotal</b>	<b>0.005</b>	<b>0.004</b>	<b>0.003</b>	<b>0.002</b>	<b>40.9%</b>
<b>Total</b>		<b>0.073</b>	<b>0.056</b>	<b>0.056</b>	<b>0.017</b>	<b>23.0%</b>

Susquehanna River Basin  
 2025 Final Strategy  
 Total Sediment Loads (millions of pounds per year, delivered)

		2010 Progress	Final Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.087	0.082	0.005	
	CAFO	0.002	0.002	0.000	
	Crop	44.789	37.847	6.942	
	Nursery	0.296	0.257	0.039	
	Pasture	1.560	1.868	-0.307	
	<b>Subtotal</b>		<b>46.734</b>	<b>40.055</b>	<b>6.678</b>
Forest	Harvested	0.450	0.536	-0.085	
	Natural	9.709	10.052	-0.343	
	<b>Subtotal</b>	<b>10.159</b>	<b>10.588</b>	<b>-0.429</b>	<b>( 4.2%)</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	
	Construction	3.823	3.335	0.489	
	Extractive	0.188	0.126	0.062	
	Regulated Developed	10.241	4.371	5.870	
	<b>Subtotal</b>	<b>14.252</b>	<b>7.832</b>	<b>6.420</b>	<b>45.0%</b>
Wastewater	CSO	0.000	0.000	0.000	
	Industrial	0.026	0.046	-0.020	
	Municipal	0.031	0.079	-0.048	
	<b>Subtotal</b>	<b>0.056</b>	<b>0.124</b>	<b>-0.068</b>	<b>( 121.3%)</b>
<b>Total</b>		<b>71.202</b>	<b>58.600</b>	<b>12.602</b>	<b>17.7%</b>

\* Sector targets were developed for Nitrogen and Phosphorus only



## Western Shore of Chesapeake Bay

Western Shore of Chesapeake Bay  
 2017 Interim Strategy  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.010	0.004	0.003	0.007	
	CAFO	0.000	0.000	0.000	0.000	
	Crop	0.623	0.424	0.517	0.106	
	Nursery	0.043	0.040	0.034	0.008	
	Pasture	0.074	0.059	0.072	0.002	
	<b>Subtotal</b>		<b>0.749</b>	<b>0.528</b>	<b>0.626</b>	<b>0.123</b>
Forest	Harvested	0.026	0.028	0.026	-0.000	
	Natural	0.539	0.538	0.554	-0.015	
	<b>Subtotal</b>	<b>0.565</b>	<b>0.566</b>	<b>0.581</b>	<b>-0.016</b>	<b>( 2.8%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.052	0.052	0.052	NA	
	<b>Subtotal</b>	<b>0.052</b>	<b>0.052</b>	<b>0.052</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	0.893	0.502	0.787	0.106	
	<b>Subtotal</b>	<b>0.893</b>	<b>0.502</b>	<b>0.787</b>	<b>0.106</b>	<b>11.9%</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.078	0.077	0.079	-0.001	
	Extractive	0.007	0.006	0.007	-0.000	
	Non-Regulated Developed	0.053	0.036	0.039	0.014	
	Regulated Developed	2.503	1.769	2.162	0.341	
	<b>Subtotal</b>		<b>2.641</b>	<b>1.887</b>	<b>2.287</b>	<b>0.354</b>
Wastewater	CSO	0.000	0.000	0.000	0.000	
	Industrial	1.282	0.954	1.098	0.184	
	Municipal	7.837	3.982	3.365	4.472	
	<b>Subtotal</b>	<b>9.119</b>	<b>4.936</b>	<b>4.462</b>	<b>4.656</b>	<b>51.1%</b>
<b>Total</b>		<b>14.020</b>	<b>8.471</b>	<b>8.796</b>	<b>5.224</b>	<b>37.3%</b>

Western Shore of Chesapeake Bay  
 2017 Interim Strategy  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.002	0.001	0.000	0.001	
	CAFO	0.000	0.000	0.000	0.000	
	Crop	0.040	0.032	0.035	0.005	
	Nursery	0.015	0.014	0.012	0.003	
	Pasture	0.008	0.006	0.007	0.000	
	<b>Subtotal</b>		<b>0.065</b>	<b>0.052</b>	<b>0.055</b>	<b>0.009</b>
Forest	Harvested	0.001	0.001	0.001	-0.000	
	Natural	0.014	0.014	0.014	-0.000	
	<b>Subtotal</b>	<b>0.015</b>	<b>0.015</b>	<b>0.015</b>	<b>-0.000</b>	<b>( 2.7%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.003	0.003	0.003	NA	
	<b>Subtotal</b>	<b>0.003</b>	<b>0.003</b>	<b>0.003</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.015	0.014	0.015	-0.000	
	Extractive	0.001	0.001	0.001	-0.000	
	Non-Regulated Developed	0.005	0.003	0.003	0.002	
	Regulated Developed	0.186	0.100	0.138	0.049	
	<b>Subtotal</b>		<b>0.208</b>	<b>0.118</b>	<b>0.158</b>	<b>0.050</b>
Wastewater	CSO	0.000	0.000	0.000	0.000	
	Industrial	0.069	0.039	0.046	0.023	
	Municipal	0.310	0.246	0.204	0.105	
	<b>Subtotal</b>		<b>0.379</b>	<b>0.284</b>	<b>0.250</b>	<b>0.128</b>
<b>Total</b>		<b>0.670</b>	<b>0.473</b>	<b>0.482</b>	<b>0.188</b>	<b>28.0%</b>

Western Shore of Chesapeake Bay  
 2017 Interim Strategy  
 Total Sediment Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.166	0.161	0.005	
	CAFO	0.013	0.011	0.001	
	Crop	42.980	36.650	6.330	
	Nursery	0.930	0.794	0.136	
	Pasture	2.528	2.385	0.143	
	<b>Subtotal</b>		<b>46.617</b>	<b>40.001</b>	<b>6.616</b>
Forest	Harvested	0.742	0.827	-0.085	
	Natural	16.822	17.578	-0.756	
	<b>Subtotal</b>	<b>17.564</b>	<b>18.405</b>	<b>-0.841</b>	<b>( 4.8%)</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	
	Construction	25.164	25.873	-0.708	
	Extractive	1.539	1.544	-0.005	
	Non-Regulated Developed	1.631	0.885	0.746	
	Regulated Developed	131.602	74.314	57.288	
	<b>Subtotal</b>		<b>159.936</b>	<b>102.615</b>	<b>57.320</b>
Wastewater	CSO	0.000	0.000	0.000	
	Industrial	0.943	4.571	-3.628	
	Municipal	3.396	18.201	-14.805	
	<b>Subtotal</b>	<b>4.339</b>	<b>22.771</b>	<b>-18.433</b>	<b>( 424.9%)</b>
<b>Total</b>		<b>228.455</b>	<b>183.792</b>	<b>44.662</b>	<b>19.5%</b>

\* Sector targets were developed for Nitrogen and Phosphorus only

Western Shore of Chesapeake Bay  
 2025 Final Strategy  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		<b>2010 Progress</b>	<b>Final Target</b>	<b>Final Strategy Load</b>	<b>Amount of Reduction from 2010</b>	<b>% Reduction from 2010</b>
<b>Source Sector</b>	<b>Landuse</b>	<b>Million Lbs/Yr</b>	<b>Million Lbs/Yr</b>	<b>Million Lbs/Yr</b>	<b>Million Lbs/Yr</b>	<b>%</b>
Agriculture	AFO	0.010	0.004	0.003	0.007	
	CAFO	0.000	0.000	0.000	0.000	
	Crop	0.623	0.424	0.490	0.133	
	Nursery	0.043	0.040	0.030	0.013	
	Pasture	0.074	0.059	0.072	0.001	
	<b>Subtotal</b>		<b>0.749</b>	<b>0.528</b>	<b>0.595</b>	<b>0.154</b>
Forest	Harvested	0.026	0.028	0.026	-0.000	
	Natural	0.539	0.538	0.566	-0.027	
	<b>Subtotal</b>	<b>0.565</b>	<b>0.566</b>	<b>0.592</b>	<b>-0.027</b>	<b>( 4.8%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.052	0.052	0.052	NA	
	<b>Subtotal</b>	<b>0.052</b>	<b>0.052</b>	<b>0.052</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	0.893	0.502	0.431	0.462	
	<b>Subtotal</b>	<b>0.893</b>	<b>0.502</b>	<b>0.431</b>	<b>0.462</b>	<b>51.7%</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.078	0.077	0.073	0.005	
	Extractive	0.007	0.006	0.006	0.001	
	Non-Regulated Developed	0.053	0.036	0.034	0.019	
	Regulated Developed	2.503	1.769	1.719	0.784	
	<b>Subtotal</b>		<b>2.641</b>	<b>1.887</b>	<b>1.832</b>	<b>0.809</b>
Wastewater	CSO	0.000	0.000	0.000	0.000	
	Industrial	1.282	0.954	0.936	0.346	
	Municipal	7.837	3.982	3.985	3.852	
	<b>Subtotal</b>	<b>9.119</b>	<b>4.936</b>	<b>4.922</b>	<b>4.197</b>	<b>46.0%</b>
	<b>Total</b>	<b>14.020</b>	<b>8.471</b>	<b>8.425</b>	<b>5.595</b>	<b>39.9%</b>

Western Shore of Chesapeake Bay  
 2025 Final Strategy  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	Final Target	Final Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.002	0.001	0.000	0.001	
	CAFO	0.000	0.000	0.000	0.000	
	Crop	0.040	0.032	0.034	0.006	
	Nursery	0.015	0.014	0.010	0.005	
	Pasture	0.008	0.006	0.008	-0.000	
	<b>Subtotal</b>		<b>0.065</b>	<b>0.052</b>	<b>0.053</b>	<b>0.012</b>
Forest	Harvested	0.001	0.001	0.001	-0.000	
	Natural	0.014	0.014	0.015	-0.001	
	<b>Subtotal</b>	<b>0.015</b>	<b>0.015</b>	<b>0.015</b>	<b>-0.001</b>	<b>( 4.5%)</b>
Non-Tidal Atm	Non-Tidal Atm	0.003	0.003	0.003	NA	
	<b>Subtotal</b>	<b>0.003</b>	<b>0.003</b>	<b>0.003</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	-	0.000	0.000	
	Construction	0.015	0.014	0.013	0.002	
	Extractive	0.001	0.001	0.001	0.000	
	Non-Regulated Developed	0.005	0.003	0.003	0.003	
	Regulated Developed	0.186	0.100	0.082	0.104	
	<b>Subtotal</b>		<b>0.208</b>	<b>0.118</b>	<b>0.099</b>	<b>0.108</b>
Wastewater	CSO	0.000	0.000	0.000	0.000	
	Industrial	0.069	0.039	0.040	0.029	
	Municipal	0.310	0.246	0.246	0.064	
	<b>Subtotal</b>	<b>0.379</b>	<b>0.284</b>	<b>0.286</b>	<b>0.093</b>	<b>24.5%</b>
<b>Total</b>		<b>0.670</b>	<b>0.473</b>	<b>0.457</b>	<b>0.212</b>	<b>31.7%</b>

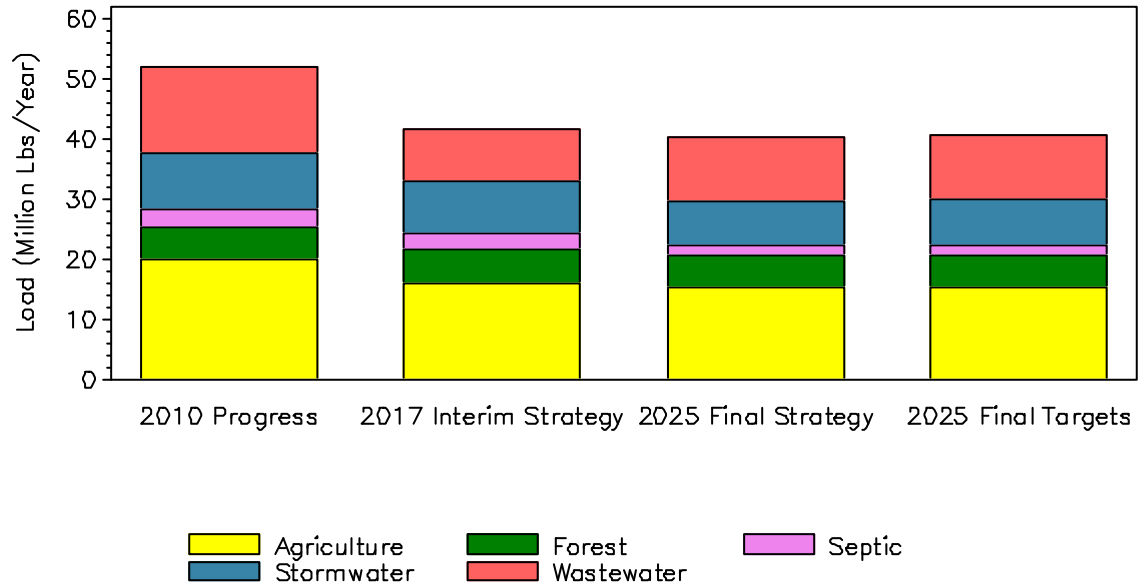
Western Shore of Chesapeake Bay  
 2025 Final Strategy  
 Total Sediment Loads (millions of pounds per year, delivered)

		2010 Progress	Final Strategy Load	Amount of Reduction from 2010	% Reduction from 2010
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	%
Agriculture	AFO	0.166	0.160	0.006	
	CAFO	0.013	0.011	0.001	
	Crop	42.980	35.053	7.927	
	Nursery	0.930	0.778	0.152	
	Pasture	2.528	2.436	0.092	
	<b>Subtotal</b>		<b>46.617</b>	<b>38.438</b>	<b>8.178</b>
Forest	Harvested	0.742	0.827	-0.085	
	Natural	16.822	18.064	-1.242	
	<b>Subtotal</b>	<b>17.564</b>	<b>18.891</b>	<b>-1.327</b>	<b>( 7.6%)</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA	
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	
	Construction	25.164	22.233	2.931	
	Extractive	1.539	1.143	0.396	
	Non-Regulated Developed	1.631	0.627	1.004	
	Regulated Developed	131.602	34.237	97.364	
	<b>Subtotal</b>		<b>159.936</b>	<b>58.240</b>	<b>101.696</b>
Wastewater	CSO	0.000	0.000	0.000	
	Industrial	0.943	5.993	-5.050	
	Municipal	3.396	22.092	-18.696	
	<b>Subtotal</b>	<b>4.339</b>	<b>28.085</b>	<b>-23.746</b>	<b>( 547.3%)</b>
<b>Total</b>		<b>228.455</b>	<b>143.653</b>	<b>84.801</b>	<b>37.1%</b>

\* Sector targets were developed for Nitrogen and Phosphorus only

## Maryland Chesapeake Bay Watershed

Comparison of Interim and Final Strategy Results  
Maryland Chesapeake Bay Watershed  
Total Nitrogen Loads

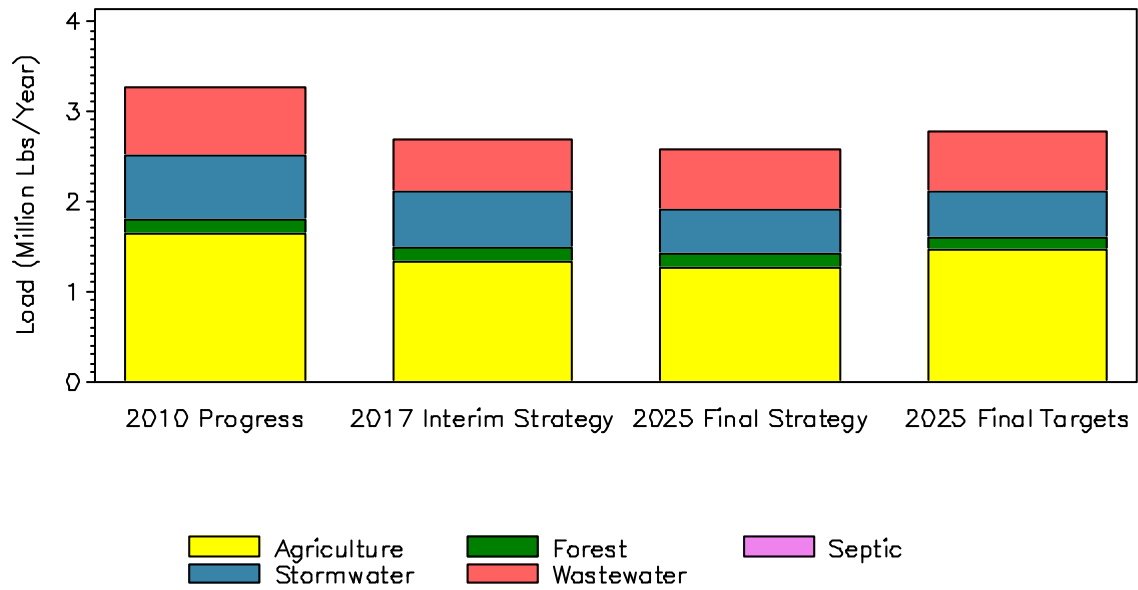


Comparison of Interim and Final Strategy Results  
 Maryland Chesapeake Bay Watershed  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy	2025 Final Strategy	2025 Final Targets
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	0.423	0.176	0.170	0.248
	CAFO	0.346	0.349	0.338	0.371
	Crop	17.059	13.908	13.120	12.871
	Nursery	0.891	0.659	0.579	0.843
	Pasture	1.230	0.989	0.998	0.882
	<b>Subtotal</b>		<b>19.949</b>	<b>16.081</b>	<b>15.206</b>
Forest	Harvested	0.256	0.256	0.256	0.298
	Natural	5.037	5.156	5.209	5.008
	<b>Subtotal</b>	<b>5.293</b>	<b>5.412</b>	<b>5.465</b>	<b>5.306</b>
Non-Tidal Atm	Non-Tidal Atm	0.665	0.665	0.665	0.665
	<b>Subtotal</b>	<b>0.665</b>	<b>0.665</b>	<b>0.665</b>	<b>0.665</b>
Septic	Septic	2.997	2.676	1.756	1.852
	<b>Subtotal</b>	<b>2.997</b>	<b>2.676</b>	<b>1.756</b>	<b>1.852</b>
Stormwater	CSS	0.000	0.000	0.000	-
	Construction	0.553	0.558	0.517	0.578
	Extractive	0.102	0.094	0.083	0.087
	Non-Regulated Developed	1.513	1.334	1.024	1.093
	Regulated Developed	7.312	6.655	5.654	5.793
	<b>Subtotal</b>		<b>9.479</b>	<b>8.641</b>	<b>7.279</b>
Wastewater	CSO	0.066	0.029	0.002	0.043
	Industrial	1.823	1.900	1.632	1.626
	Municipal	12.484	6.991	8.921	8.911
	<b>Subtotal</b>	<b>14.373</b>	<b>8.921</b>	<b>10.555</b>	<b>10.581</b>
	<b>Total</b>	<b>52.756</b>	<b>42.396</b>	<b>40.925</b>	<b>41.170</b>



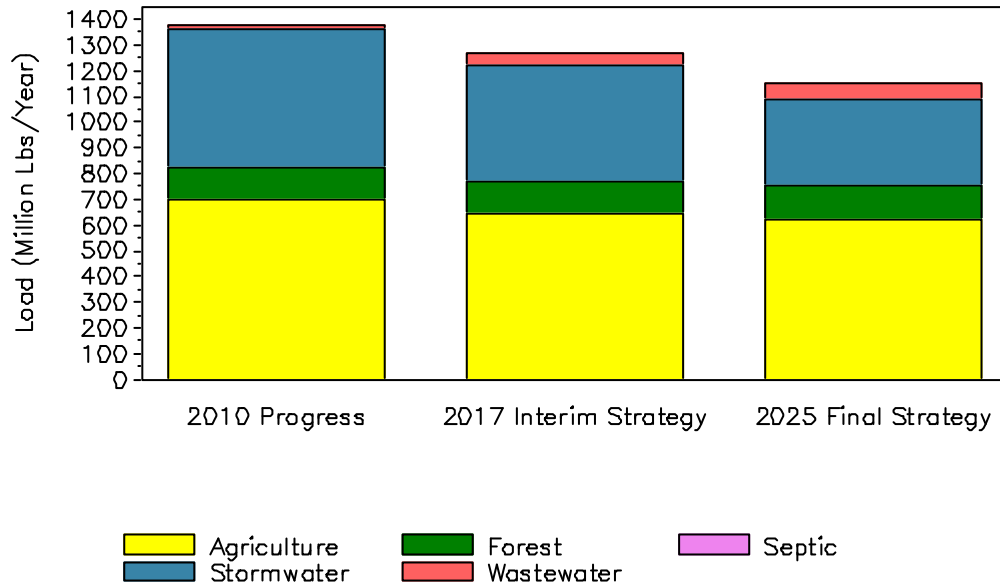
Comparison of Interim and Final Strategy Results  
Maryland Chesapeake Bay Watershed  
Total Phosphorus Loads



Comparison of Interim and Final Strategy Results  
 Maryland Chesapeake Bay Watershed  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy	2025 Final Strategy	2025 Final Targets
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	0.067	0.026	0.025	0.037
	CAFO	0.057	0.051	0.049	0.053
	Crop	1.131	0.952	0.918	1.028
	Nursery	0.269	0.191	0.167	0.242
	Pasture	0.116	0.102	0.106	0.091
	<b>Subtotal</b>		<b>1.640</b>	<b>1.323</b>	<b>1.266</b>
Forest	Harvested	0.007	0.007	0.007	0.008
	Natural	0.145	0.148	0.150	0.144
	<b>Subtotal</b>	<b>0.152</b>	<b>0.155</b>	<b>0.157</b>	<b>0.152</b>
Non-Tidal Atm	Non-Tidal Atm	0.040	0.040	0.040	0.040
	<b>Subtotal</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>
Septic	Septic	NA	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	-
	Construction	0.095	0.097	0.088	0.106
	Extractive	0.033	0.029	0.023	0.026
	Non-Regulated Developed	0.115	0.099	0.070	0.066
	Regulated Developed	0.476	0.403	0.305	0.304
	<b>Subtotal</b>		<b>0.718</b>	<b>0.628</b>	<b>0.487</b>
Wastewater	CSO	0.012	0.007	0.000	0.009
	Industrial	0.197	0.122	0.098	0.097
	Municipal	0.542	0.444	0.561	0.560
	<b>Subtotal</b>		<b>0.750</b>	<b>0.573</b>	<b>0.659</b>
<b>Total</b>		<b>3.300</b>	<b>2.719</b>	<b>2.609</b>	<b>2.810</b>

Comparison of Interim and Final Strategy Results  
Maryland Chesapeake Bay Watershed  
Total Sediment Loads



\* Sector targets were developed for Nitrogen and Phosphorus only

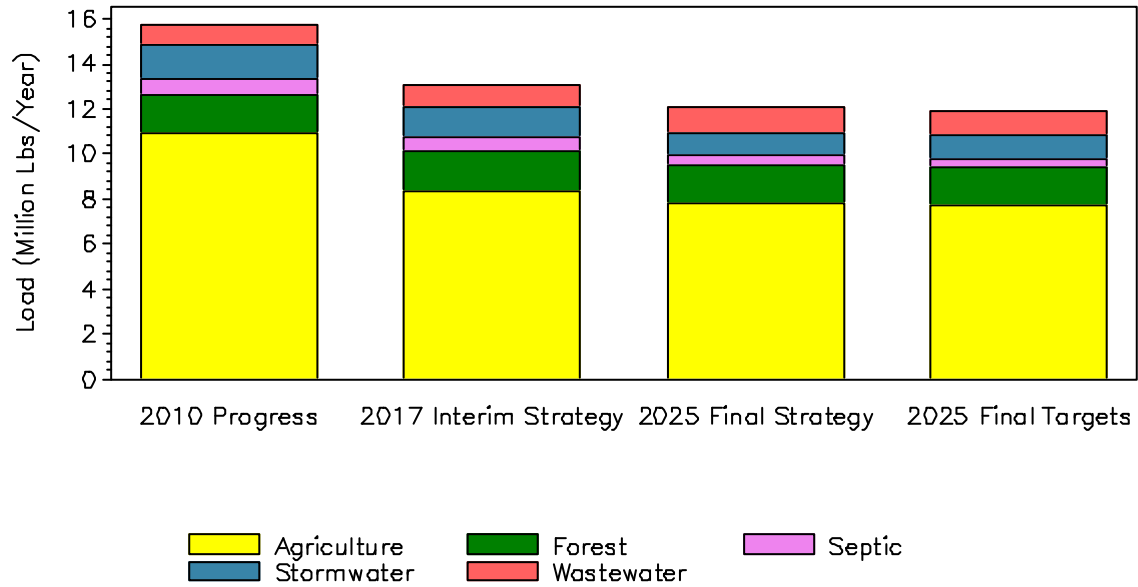
Comparison of Interim and Final Strategy Results  
 Maryland Chesapeake Bay Watershed  
 Total Sediment Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy	2025 Final Strategy
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	2.256	1.971	1.831
	CAFO	0.205	0.172	0.160
	Crop	639.576	588.919	569.951
	Nursery	9.626	8.472	8.338
	Pasture	44.649	41.405	41.816
	<b>Subtotal</b>		<b>696.312</b>	<b>640.940</b>
Forest	Harvested	7.248	7.969	7.969
	Natural	118.257	121.090	122.632
	<b>Subtotal</b>	<b>125.504</b>	<b>129.059</b>	<b>130.601</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000
	Construction	110.921	113.139	98.648
	Extractive	31.653	27.583	22.311
	Non-Regulated Developed	46.764	40.156	27.231
	Regulated Developed	353.466	271.029	189.875
	<b>Subtotal</b>	<b>542.805</b>	<b>451.906</b>	<b>338.065</b>
Wastewater	CSO	2.103	1.461	0.090
	Industrial	3.382	8.342	12.158
	Municipal	5.709	38.457	50.644
	<b>Subtotal</b>	<b>11.194</b>	<b>48.260</b>	<b>62.892</b>
<b>Total</b>		<b>1,375.816</b>	<b>1,270.165</b>	<b>1,153.655</b>

\* Sector targets were developed for Nitrogen and Phosphorus only

## Eastern Shore of Chesapeake Bay

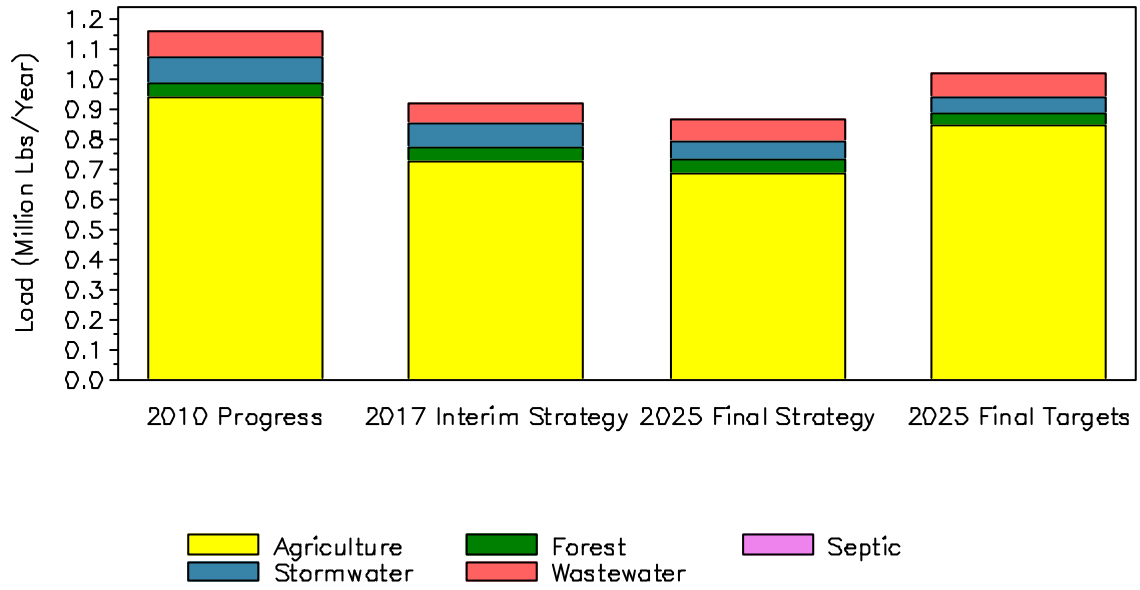
Comparison of Interim and Final Strategy Results  
Eastern Shore of Chesapeake Bay  
Total Nitrogen Loads



Comparison of Interim and Final Strategy Results  
 Eastern Shore of Chesapeake Bay  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy	2025 Final Strategy	2025 Final Targets
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	0.210	0.115	0.111	0.132
	CAFO	0.341	0.345	0.333	0.359
	Crop	9.593	7.472	6.931	6.683
	Nursery	0.412	0.255	0.211	0.385
	Pasture	0.367	0.175	0.182	0.143
	<b>Subtotal</b>		<b>10.923</b>	<b>8.362</b>	<b>7.770</b>
Forest	Harvested	0.088	0.087	0.087	0.093
	Natural	1.594	1.646	1.658	1.576
	<b>Subtotal</b>	<b>1.682</b>	<b>1.733</b>	<b>1.745</b>	<b>1.669</b>
Non-Tidal Atm	Non-Tidal Atm	0.409	0.409	0.409	0.409
	<b>Subtotal</b>	<b>0.409</b>	<b>0.409</b>	<b>0.409</b>	<b>0.409</b>
Septic	Septic	0.765	0.647	0.431	0.434
	<b>Subtotal</b>	<b>0.765</b>	<b>0.647</b>	<b>0.431</b>	<b>0.434</b>
Stormwater	CSS	0.000	0.000	0.000	-
	Construction	0.061	0.063	0.060	0.060
	Extractive	0.020	0.020	0.016	0.016
	Non-Regulated Developed	1.077	0.959	0.711	0.747
	Regulated Developed	0.304	0.296	0.228	0.210
	<b>Subtotal</b>		<b>1.461</b>	<b>1.337</b>	<b>1.016</b>
Wastewater	CSO	0.035	0.000	0.000	0.009
	Industrial	0.153	0.511	0.455	0.429
	Municipal	0.754	0.441	0.658	0.652
	<b>Subtotal</b>		<b>0.942</b>	<b>0.952</b>	<b>1.113</b>
<b>Total</b>		<b>16.183</b>	<b>13.440</b>	<b>12.484</b>	<b>12.338</b>

Comparison of Interim and Final Strategy Results  
Eastern Shore of Chesapeake Bay  
Total Phosphorus Loads

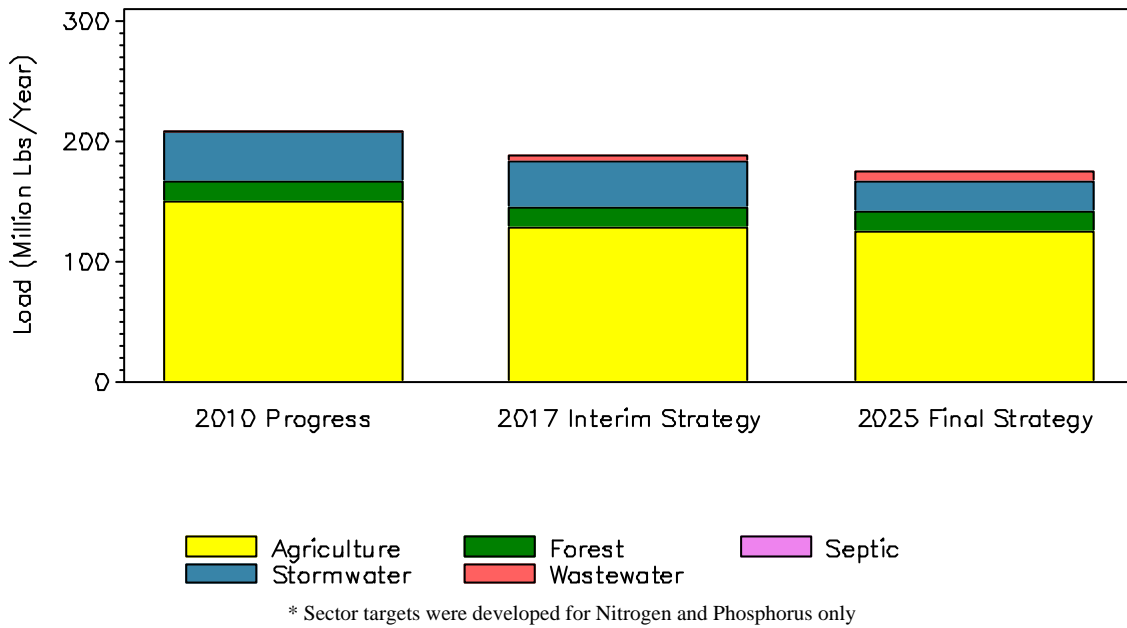


Comparison of Interim and Final Strategy Results  
 Eastern Shore of Chesapeake Bay  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy	2025 Final Strategy	2025 Final Targets
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	0.034	0.017	0.016	0.019
	CAFO	0.056	0.050	0.048	0.050
	Crop	0.702	0.562	0.538	0.650
	Nursery	0.124	0.074	0.061	0.110
	Pasture	0.024	0.020	0.021	0.015
	<b>Subtotal</b>		<b>0.940</b>	<b>0.723</b>	<b>0.685</b>
Forest	Harvested	0.002	0.002	0.002	0.002
	Natural	0.044	0.046	0.046	0.044
	<b>Subtotal</b>	<b>0.046</b>	<b>0.048</b>	<b>0.048</b>	<b>0.046</b>
Non-Tidal Atm	Non-Tidal Atm	0.025	0.025	0.025	0.025
	<b>Subtotal</b>	<b>0.025</b>	<b>0.025</b>	<b>0.025</b>	<b>0.025</b>
Septic	Septic	NA	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	-
	Construction	0.009	0.009	0.009	0.009
	Extractive	0.003	0.003	0.002	0.002
	Non-Regulated Developed	0.063	0.055	0.036	0.033
	Regulated Developed	0.015	0.015	0.011	0.008
	<b>Subtotal</b>		<b>0.090</b>	<b>0.082</b>	<b>0.058</b>
Wastewater	CSO	0.004	0.000	0.000	0.001
	Industrial	0.029	0.023	0.018	0.018
	Municipal	0.052	0.042	0.059	0.060
	<b>Subtotal</b>		<b>0.085</b>	<b>0.065</b>	<b>0.078</b>
<b>Total</b>		<b>1.187</b>	<b>0.943</b>	<b>0.893</b>	<b>1.046</b>



Comparison of Interim and Final Strategy Results  
Eastern Shore of Chesapeake Bay  
Total Sediment Loads



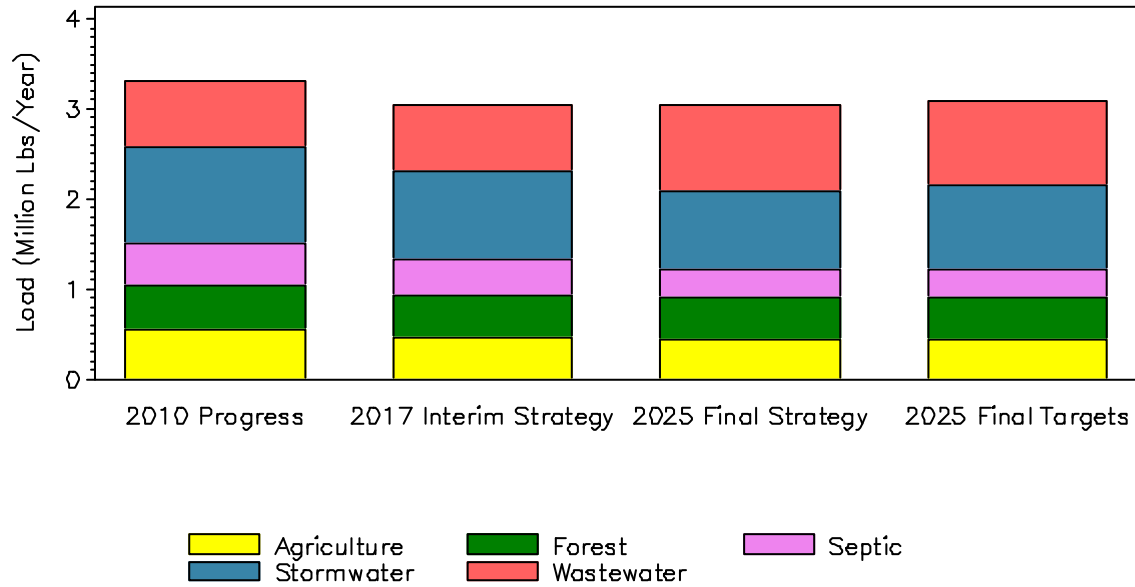
Comparison of Interim and Final Strategy Results  
 Eastern Shore of Chesapeake Bay  
 Total Sediment Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy	2025 Final Strategy
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	0.083	0.073	0.064
	CAFO	0.039	0.037	0.033
	Crop	144.988	124.063	119.956
	Nursery	2.252	2.196	2.189
	Pasture	1.876	1.850	2.017
	<b>Subtotal</b>		<b>149.237</b>	<b>128.218</b>
Forest	Harvested	1.629	1.838	1.838
	Natural	14.908	15.390	15.508
	<b>Subtotal</b>	<b>16.538</b>	<b>17.228</b>	<b>17.346</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000
	Construction	7.156	7.518	7.001
	Extractive	2.985	2.960	2.070
	Non-Regulated Developed	21.801	18.919	10.716
	Regulated Developed	9.929	9.070	5.351
	<b>Subtotal</b>		<b>41.872</b>	<b>38.467</b>
Wastewater	CSO	0.575	0.000	0.000
	Industrial	0.168	0.787	2.835
	Municipal	0.623	2.797	4.577
	<b>Subtotal</b>	<b>1.367</b>	<b>3.584</b>	<b>7.412</b>
<b>Total</b>		<b>209.014</b>	<b>187.497</b>	<b>174.157</b>

\* Sector targets were developed for Nitrogen and Phosphorus only

### Patuxent River Basin

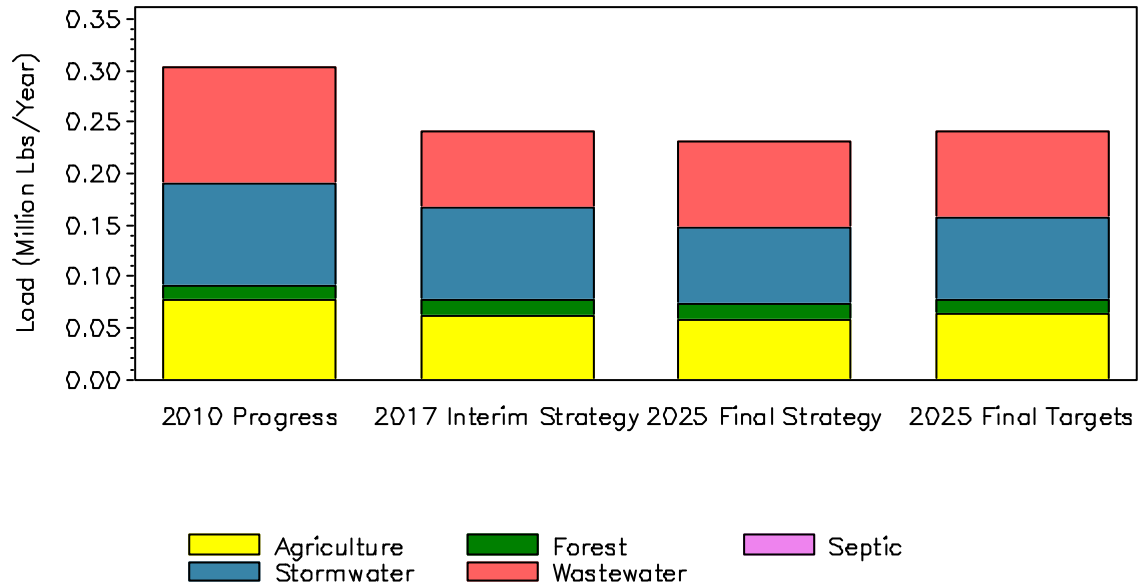
Comparison of Interim and Final Strategy Results  
Patuxent River Basin  
Total Nitrogen Loads



Comparison of Interim and Final Strategy Results  
 Patuxent River Basin  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy	2025 Final Strategy	2025 Final Targets
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	0.020	0.005	0.005	0.013
	CAFO	0.000	0.000	0.000	0.000
	Crop	0.416	0.341	0.317	0.303
	Nursery	0.067	0.055	0.049	0.064
	Pasture	0.056	0.056	0.059	0.047
	<b>Subtotal</b>		<b>0.559</b>	<b>0.457</b>	<b>0.429</b>
Forest	Harvested	0.021	0.021	0.021	0.025
	Natural	0.453	0.460	0.465	0.447
	<b>Subtotal</b>	<b>0.474</b>	<b>0.481</b>	<b>0.486</b>	<b>0.472</b>
Non-Tidal Atm	Non-Tidal Atm	0.021	0.021	0.021	0.021
	<b>Subtotal</b>	<b>0.021</b>	<b>0.021</b>	<b>0.021</b>	<b>0.021</b>
Septic	Septic	0.469	0.398	0.305	0.308
	<b>Subtotal</b>	<b>0.469</b>	<b>0.398</b>	<b>0.305</b>	<b>0.308</b>
Stormwater	CSS	0.000	0.000	0.000	-
	Construction	0.073	0.074	0.073	0.082
	Extractive	0.011	0.011	0.010	0.010
	Non-Regulated Developed	0.191	0.153	0.125	0.149
	Regulated Developed	0.796	0.745	0.659	0.695
	<b>Subtotal</b>		<b>1.072</b>	<b>0.983</b>	<b>0.866</b>
Wastewater	CSO	0.000	0.000	0.000	-
	Industrial	0.061	0.035	0.031	0.031
	Municipal	0.669	0.682	0.918	0.917
	<b>Subtotal</b>		<b>0.730</b>	<b>0.717</b>	<b>0.949</b>
<b>Total</b>		<b>3.325</b>	<b>3.058</b>	<b>3.057</b>	<b>3.114</b>

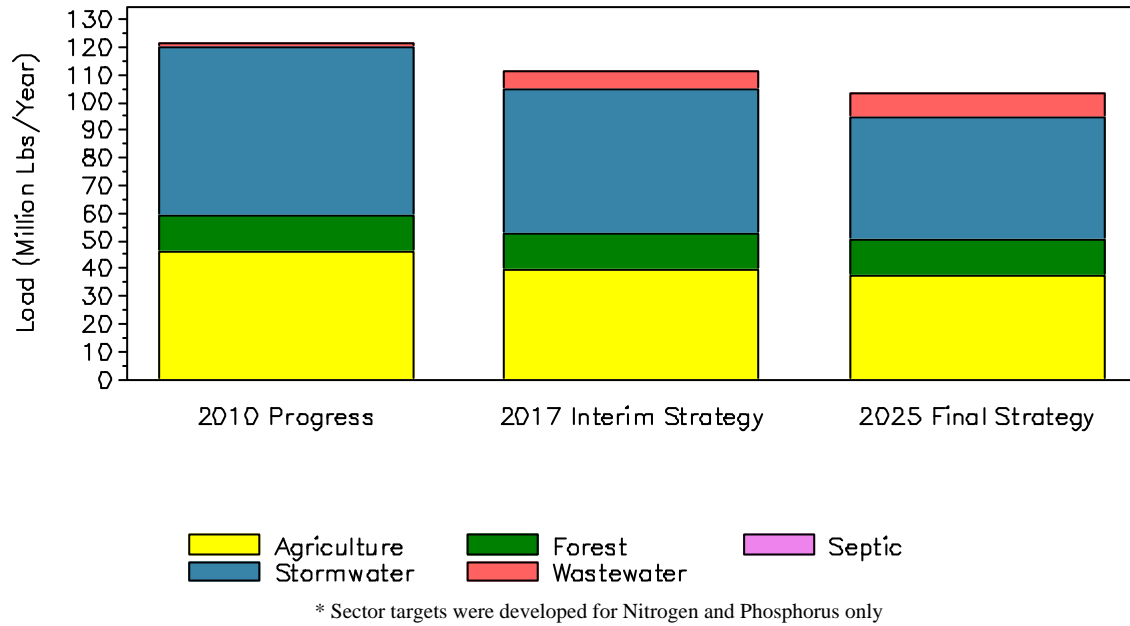
Comparison of Interim and Final Strategy Results  
Patuxent River Basin  
Total Phosphorus Loads



Comparison of Interim and Final Strategy Results  
 Patuxent River Basin  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy	2025 Final Strategy	2025 Final Targets
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	0.003	0.001	0.001	0.002
	CAFO	0.000	0.000	0.000	0.000
	Crop	0.037	0.032	0.030	0.030
	Nursery	0.029	0.023	0.020	0.026
	Pasture	0.007	0.007	0.008	0.006
	<b>Subtotal</b>		<b>0.076</b>	<b>0.063</b>	<b>0.059</b>
Forest	Harvested	0.001	0.001	0.001	0.001
	Natural	0.014	0.014	0.014	0.013
	<b>Subtotal</b>	<b>0.014</b>	<b>0.014</b>	<b>0.015</b>	<b>0.014</b>
Non-Tidal Atm	Non-Tidal Atm	0.002	0.002	0.002	0.002
	<b>Subtotal</b>	<b>0.002</b>	<b>0.002</b>	<b>0.002</b>	<b>0.002</b>
Septic	Septic	NA	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	-
	Construction	0.017	0.017	0.017	0.020
	Extractive	0.003	0.003	0.003	0.002
	Non-Regulated Developed	0.018	0.013	0.009	0.011
	Regulated Developed	0.062	0.057	0.046	0.046
	<b>Subtotal</b>		<b>0.100</b>	<b>0.090</b>	<b>0.075</b>
Wastewater	CSO	0.000	0.000	0.000	-
	Industrial	0.041	0.020	0.011	0.011
	Municipal	0.072	0.053	0.073	0.072
	<b>Subtotal</b>		<b>0.113</b>	<b>0.073</b>	<b>0.083</b>
<b>Total</b>		<b>0.305</b>	<b>0.242</b>	<b>0.233</b>	<b>0.243</b>

Comparison of Interim and Final Strategy Results  
Patuxent River Basin  
Total Sediment Loads



Comparison of Interim and Final Strategy Results  
 Patuxent River Basin  
 Total Sediment Loads (millions of pounds per year, delivered)

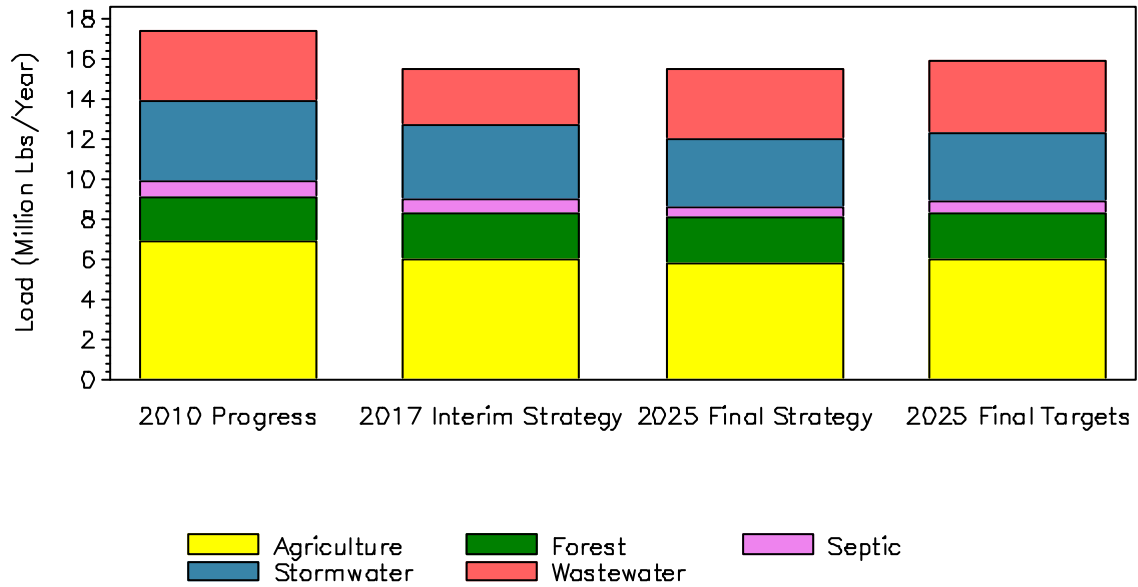
		2010 Progress	2017 Interim Strategy	2025 Final Strategy
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	0.240	0.234	0.232
	CAFO	0.000	0.000	0.000
	Crop	39.710	33.702	31.631
	Nursery	2.389	2.029	1.987
	Pasture	3.760	3.308	3.359
	<b>Subtotal</b>		<b>46.099</b>	<b>39.273</b>
Forest	Harvested	0.472	0.518	0.518
	Natural	12.545	12.842	12.992
	<b>Subtotal</b>	<b>13.017</b>	<b>13.360</b>	<b>13.510</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000
	Construction	13.984	14.281	13.562
	Extractive	1.260	1.257	1.050
	Non-Regulated Developed	4.530	3.082	1.857
	Regulated Developed	41.330	33.466	27.504
	<b>Subtotal</b>		<b>61.104</b>	<b>52.086</b>
Wastewater	CSO	0.000	0.000	0.000
	Industrial	0.146	0.242	0.235
	Municipal	0.693	6.376	8.635
	<b>Subtotal</b>	<b>0.838</b>	<b>6.618</b>	<b>8.871</b>
<b>Total</b>		<b>121.059</b>	<b>111.338</b>	<b>103.564</b>

\* Sector targets were developed for Nitrogen and Phosphorus only



## Potomac River Basin

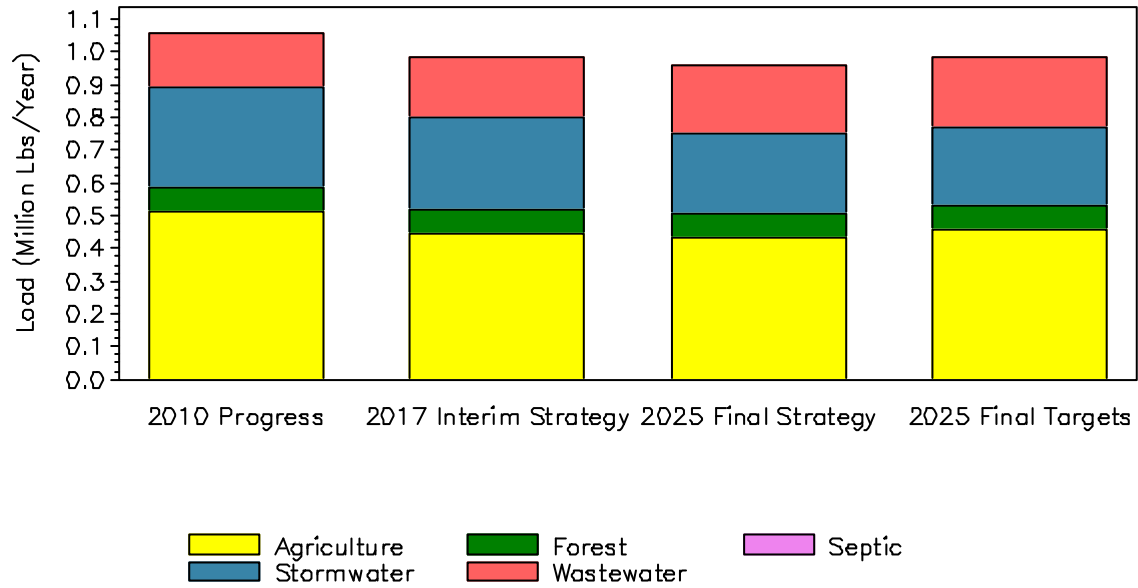
Comparison of Interim and Final Strategy Results  
Potomac River Basin  
Total Nitrogen Loads



Comparison of Interim and Final Strategy Results  
 Potomac River Basin  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy	2025 Final Strategy	2025 Final Targets
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	0.170	0.049	0.047	0.093
	CAFO	0.005	0.004	0.004	0.011
	Crop	5.725	5.008	4.855	5.030
	Nursery	0.327	0.282	0.263	0.315
	Pasture	0.635	0.592	0.589	0.560
	<b>Subtotal</b>		<b>6.862</b>	<b>5.935</b>	<b>5.758</b>
Forest	Harvested	0.108	0.108	0.108	0.138
	Natural	2.154	2.191	2.213	2.152
	<b>Subtotal</b>	<b>2.263</b>	<b>2.299</b>	<b>2.321</b>	<b>2.290</b>
Non-Tidal Atm	Non-Tidal Atm	0.134	0.134	0.134	0.134
	<b>Subtotal</b>	<b>0.134</b>	<b>0.134</b>	<b>0.134</b>	<b>0.134</b>
Septic	Septic	0.767	0.742	0.529	0.549
	<b>Subtotal</b>	<b>0.767</b>	<b>0.742</b>	<b>0.529</b>	<b>0.549</b>
Stormwater	CSS	0.000	0.000	0.000	-
	Construction	0.325	0.325	0.296	0.343
	Extractive	0.061	0.054	0.049	0.054
	Non-Regulated Developed	0.192	0.184	0.154	0.161
	Regulated Developed	3.412	3.194	2.861	2.914
	<b>Subtotal</b>	<b>3.989</b>	<b>3.757</b>	<b>3.360</b>	<b>3.472</b>
Wastewater	CSO	0.031	0.029	0.002	0.034
	Industrial	0.298	0.236	0.197	0.199
	Municipal	3.191	2.490	3.345	3.338
	<b>Subtotal</b>	<b>3.519</b>	<b>2.756</b>	<b>3.544</b>	<b>3.572</b>
<b>Total</b>		<b>17.535</b>	<b>15.624</b>	<b>15.646</b>	<b>16.025</b>

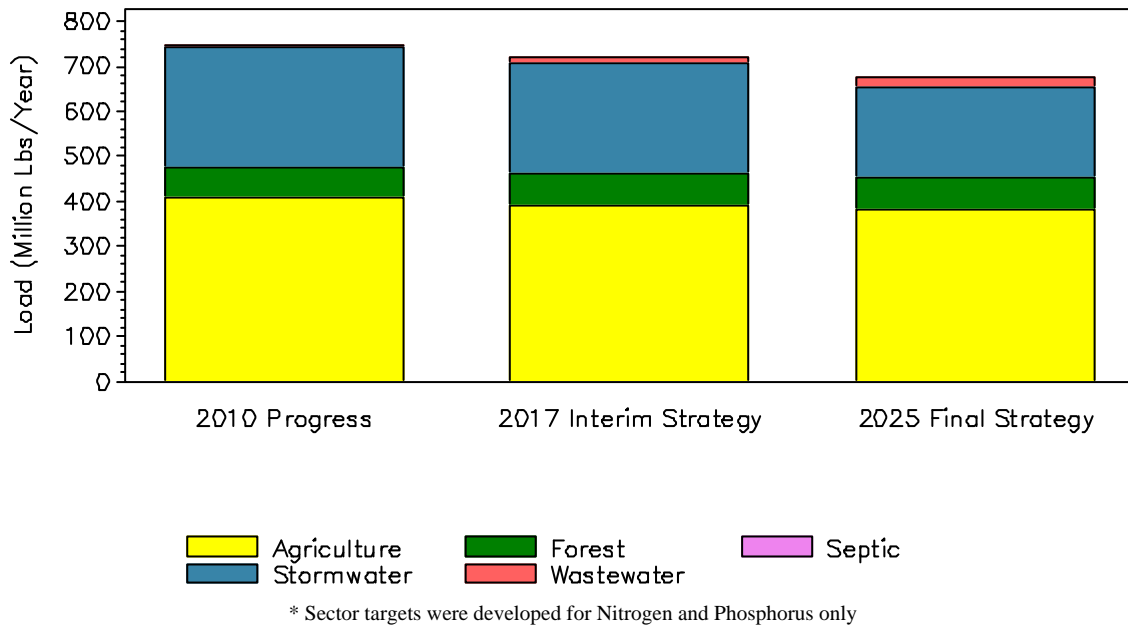
Comparison of Interim and Final Strategy Results  
Potomac River Basin  
Total Phosphorus Loads



Comparison of Interim and Final Strategy Results  
 Potomac River Basin  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy	2025 Final Strategy	2025 Final Targets
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	0.026	0.007	0.007	0.015
	CAFO	0.001	0.001	0.001	0.002
	Crop	0.323	0.297	0.291	0.294
	Nursery	0.091	0.076	0.070	0.084
	Pasture	0.072	0.062	0.063	0.061
	<b>Subtotal</b>		<b>0.513</b>	<b>0.443</b>	<b>0.432</b>
Forest	Harvested	0.003	0.003	0.003	0.004
	Natural	0.068	0.069	0.070	0.068
	<b>Subtotal</b>	<b>0.072</b>	<b>0.073</b>	<b>0.073</b>	<b>0.072</b>
Non-Tidal Atm	Non-Tidal Atm	0.008	0.008	0.008	0.008
	<b>Subtotal</b>	<b>0.008</b>	<b>0.008</b>	<b>0.008</b>	<b>0.008</b>
Septic	Septic	NA	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	-
	Construction	0.053	0.053	0.047	0.060
	Extractive	0.025	0.021	0.017	0.020
	Non-Regulated Developed	0.028	0.027	0.022	0.019
	Regulated Developed	0.200	0.184	0.160	0.143
	<b>Subtotal</b>		<b>0.306</b>	<b>0.285</b>	<b>0.246</b>
Wastewater	CSO	0.008	0.007	0.000	0.008
	Industrial	0.057	0.032	0.028	0.029
	Municipal	0.105	0.142	0.181	0.178
	<b>Subtotal</b>		<b>0.169</b>	<b>0.182</b>	<b>0.209</b>
<b>Total</b>		<b>1.067</b>	<b>0.991</b>	<b>0.969</b>	<b>0.993</b>

Comparison of Interim and Final Strategy Results  
Potomac River Basin  
Total Sediment Loads



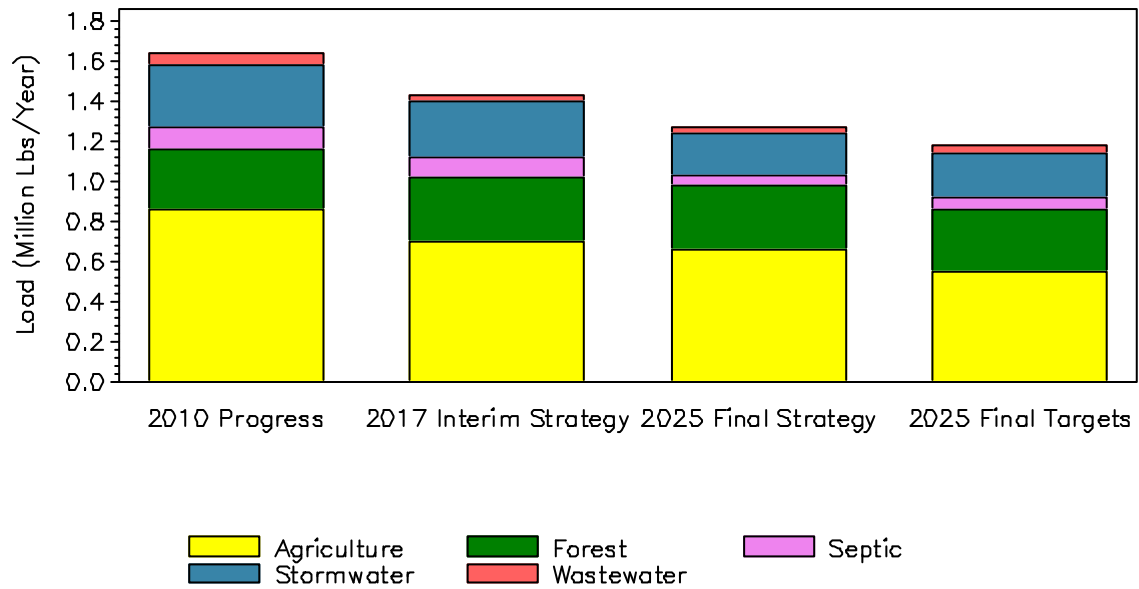
Comparison of Interim and Final Strategy Results  
 Potomac River Basin  
 Total Sediment Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy	2025 Final Strategy
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	1.680	1.419	1.293
	CAFO	0.151	0.122	0.113
	Crop	367.109	354.380	345.464
	Nursery	3.759	3.192	3.126
	Pasture	34.926	32.153	32.136
	<b>Subtotal</b>		<b>407.625</b>	<b>391.267</b>
Forest	Harvested	3.954	4.250	4.250
	Natural	64.272	65.306	66.016
	<b>Subtotal</b>	<b>68.226</b>	<b>69.556</b>	<b>70.266</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000
	Construction	60.793	61.571	52.518
	Extractive	25.681	21.634	17.922
	Non-Regulated Developed	18.802	17.269	14.030
	Regulated Developed	160.364	145.437	118.412
	<b>Subtotal</b>		<b>265.640</b>	<b>245.912</b>
Wastewater	CSO	1.528	1.461	0.090
	Industrial	2.099	2.696	3.049
	Municipal	0.967	11.025	15.261
	<b>Subtotal</b>	<b>4.594</b>	<b>15.182</b>	<b>18.400</b>
<b>Total</b>		<b>746.086</b>	<b>721.918</b>	<b>673.681</b>

\* Sector targets were developed for Nitrogen and Phosphorus only

## Susquehanna River Basin

Comparison of Interim and Final Strategy Results  
Susquehanna River Basin  
Total Nitrogen Loads

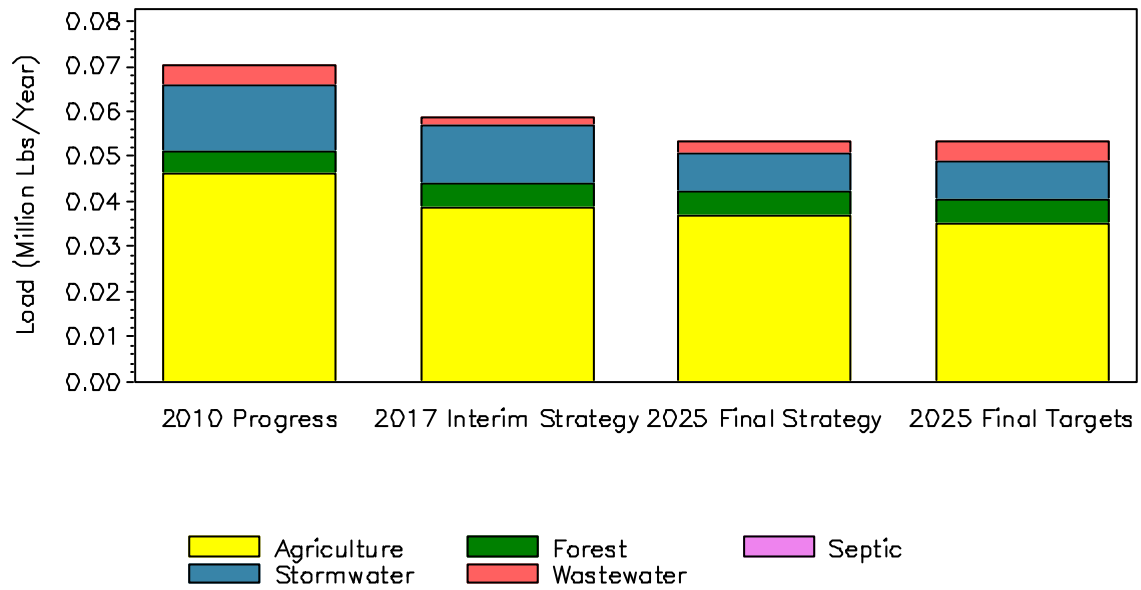


Comparison of Interim and Final Strategy Results  
 Susquehanna River Basin  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy	2025 Final Strategy	2025 Final Targets
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	0.013	0.004	0.004	0.007
	CAFO	0.000	0.000	0.000	0.001
	Crop	0.702	0.570	0.528	0.431
	Nursery	0.042	0.032	0.027	0.039
	Pasture	0.098	0.094	0.095	0.073
	<b>Subtotal</b>		<b>0.855</b>	<b>0.701</b>	<b>0.654</b>
Forest	Harvested	0.013	0.013	0.013	0.013
	Natural	0.297	0.305	0.307	0.295
	<b>Subtotal</b>	<b>0.310</b>	<b>0.318</b>	<b>0.320</b>	<b>0.308</b>
Non-Tidal Atm	Non-Tidal Atm	0.047	0.047	0.047	0.047
	<b>Subtotal</b>	<b>0.047</b>	<b>0.047</b>	<b>0.047</b>	<b>0.047</b>
Septic	Septic	0.102	0.102	0.060	0.059
	<b>Subtotal</b>	<b>0.102</b>	<b>0.102</b>	<b>0.060</b>	<b>0.059</b>
Stormwater	CSS	0.000	0.000	0.000	-
	Construction	0.017	0.017	0.016	0.016
	Extractive	0.002	0.002	0.002	0.002
	Regulated Developed	0.297	0.258	0.188	0.205
	<b>Subtotal</b>	<b>0.316</b>	<b>0.277</b>	<b>0.205</b>	<b>0.223</b>
Wastewater	CSO	0.000	0.000	0.000	-
	Industrial	0.030	0.020	0.012	0.012
	Municipal	0.033	0.013	0.016	0.022
	<b>Subtotal</b>	<b>0.062</b>	<b>0.034</b>	<b>0.028</b>	<b>0.034</b>
<b>Total</b>		<b>1.692</b>	<b>1.479</b>	<b>1.314</b>	<b>1.222</b>



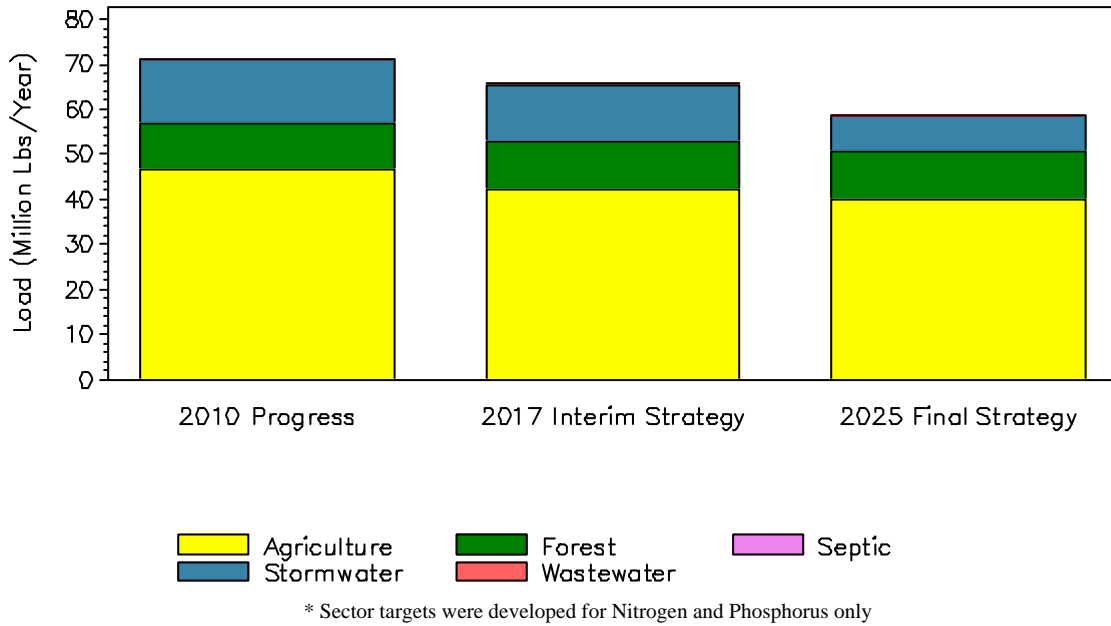
Comparison of Interim and Final Strategy Results  
Susquehanna River Basin  
Total Phosphorus Loads



Comparison of Interim and Final Strategy Results  
 Susquehanna River Basin  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy	2025 Final Strategy	2025 Final Targets
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	0.002	0.001	0.001	0.001
	CAFO	0.000	0.000	0.000	0.000
	Crop	0.029	0.026	0.024	0.022
	Nursery	0.009	0.007	0.006	0.008
	Pasture	0.006	0.006	0.006	0.004
	<b>Subtotal</b>		<b>0.046</b>	<b>0.039</b>	<b>0.037</b>
Forest	Harvested	0.000	0.000	0.000	0.000
	Natural	0.005	0.005	0.005	0.005
	<b>Subtotal</b>	<b>0.005</b>	<b>0.005</b>	<b>0.005</b>	<b>0.005</b>
Non-Tidal Atm	Non-Tidal Atm	0.003	0.003	0.003	0.003
	<b>Subtotal</b>	<b>0.003</b>	<b>0.003</b>	<b>0.003</b>	<b>0.003</b>
Septic	Septic	NA	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	-
	Construction	0.002	0.002	0.002	0.002
	Extractive	0.000	0.000	0.000	0.000
	Regulated Developed	0.012	0.010	0.006	0.006
	<b>Subtotal</b>	<b>0.014</b>	<b>0.013</b>	<b>0.009</b>	<b>0.009</b>
Wastewater	CSO	0.000	0.000	0.000	-
	Industrial	0.002	0.000	0.000	0.000
	Municipal	0.003	0.001	0.002	0.004
	<b>Subtotal</b>	<b>0.005</b>	<b>0.002</b>	<b>0.003</b>	<b>0.004</b>
<b>Total</b>		<b>0.073</b>	<b>0.061</b>	<b>0.056</b>	<b>0.056</b>

Comparison of Interim and Final Strategy Results  
Susquehanna River Basin  
Total Sediment Loads



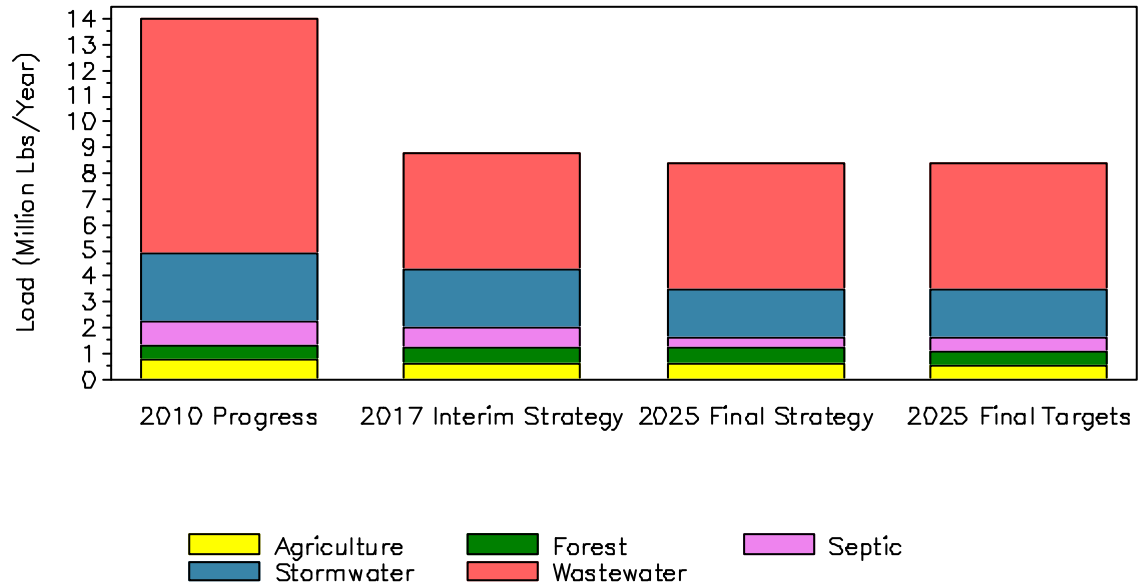
Comparison of Interim and Final Strategy Results  
 Susquehanna River Basin  
 Total Sediment Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy	2025 Final Strategy
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	0.087	0.084	0.082
	CAFO	0.002	0.002	0.002
	Crop	44.789	40.125	37.847
	Nursery	0.296	0.261	0.257
	Pasture	1.560	1.708	1.868
	<b>Subtotal</b>		<b>46.734</b>	<b>42.180</b>
Forest	Harvested	0.450	0.536	0.536
	Natural	9.709	9.974	10.052
	<b>Subtotal</b>	<b>10.159</b>	<b>10.510</b>	<b>10.588</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000
	Construction	3.823	3.896	3.335
	Extractive	0.188	0.188	0.126
	Regulated Developed	10.241	8.742	4.371
	<b>Subtotal</b>	<b>14.252</b>	<b>12.826</b>	<b>7.832</b>
Wastewater	CSO	0.000	0.000	0.000
	Industrial	0.026	0.046	0.046
	Municipal	0.031	0.059	0.079
	<b>Subtotal</b>	<b>0.056</b>	<b>0.104</b>	<b>0.124</b>
<b>Total</b>		<b>71.202</b>	<b>65.620</b>	<b>58.600</b>

\* Sector targets were developed for Nitrogen and Phosphorus only

## Western Shore of Chesapeake Bay

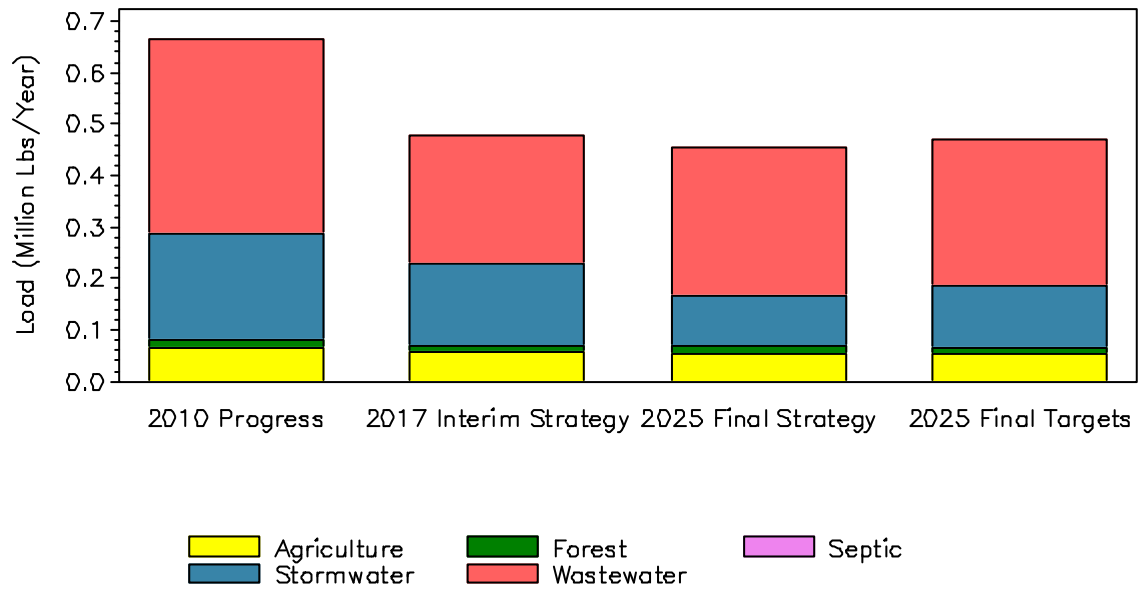
Comparison of Interim and Final Strategy Results  
Western Shore of Chesapeake Bay  
Total Nitrogen Loads



Comparison of Interim and Final Strategy Results  
 Western Shore of Chesapeake Bay  
 Total Nitrogen Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy	2025 Final Strategy	2025 Final Targets
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	0.010	0.003	0.003	0.004
	CAFO	0.000	0.000	0.000	0.000
	Crop	0.623	0.517	0.490	0.424
	Nursery	0.043	0.034	0.030	0.040
	Pasture	0.074	0.072	0.072	0.059
	<b>Subtotal</b>		<b>0.749</b>	<b>0.626</b>	<b>0.595</b>
Forest	Harvested	0.026	0.026	0.026	0.028
	Natural	0.539	0.554	0.566	0.538
	<b>Subtotal</b>	<b>0.565</b>	<b>0.581</b>	<b>0.592</b>	<b>0.566</b>
Non-Tidal Atm	Non-Tidal Atm	0.052	0.052	0.052	0.052
	<b>Subtotal</b>	<b>0.052</b>	<b>0.052</b>	<b>0.052</b>	<b>0.052</b>
Septic	Septic	0.893	0.787	0.431	0.502
	<b>Subtotal</b>	<b>0.893</b>	<b>0.787</b>	<b>0.431</b>	<b>0.502</b>
Stormwater	CSS	0.000	0.000	0.000	-
	Construction	0.078	0.079	0.073	0.077
	Extractive	0.007	0.007	0.006	0.006
	Non-Regulated Developed	0.053	0.039	0.034	0.036
	Regulated Developed	2.503	2.162	1.719	1.769
	<b>Subtotal</b>		<b>2.641</b>	<b>2.287</b>	<b>1.832</b>
Wastewater	CSO	0.000	0.000	0.000	0.000
	Industrial	1.282	1.098	0.936	0.954
	Municipal	7.837	3.365	3.985	3.982
	<b>Subtotal</b>		<b>9.119</b>	<b>4.462</b>	<b>4.922</b>
<b>Total</b>		<b>14.020</b>	<b>8.796</b>	<b>8.425</b>	<b>8.471</b>

Comparison of Interim and Final Strategy Results  
Western Shore of Chesapeake Bay  
Total Phosphorus Loads

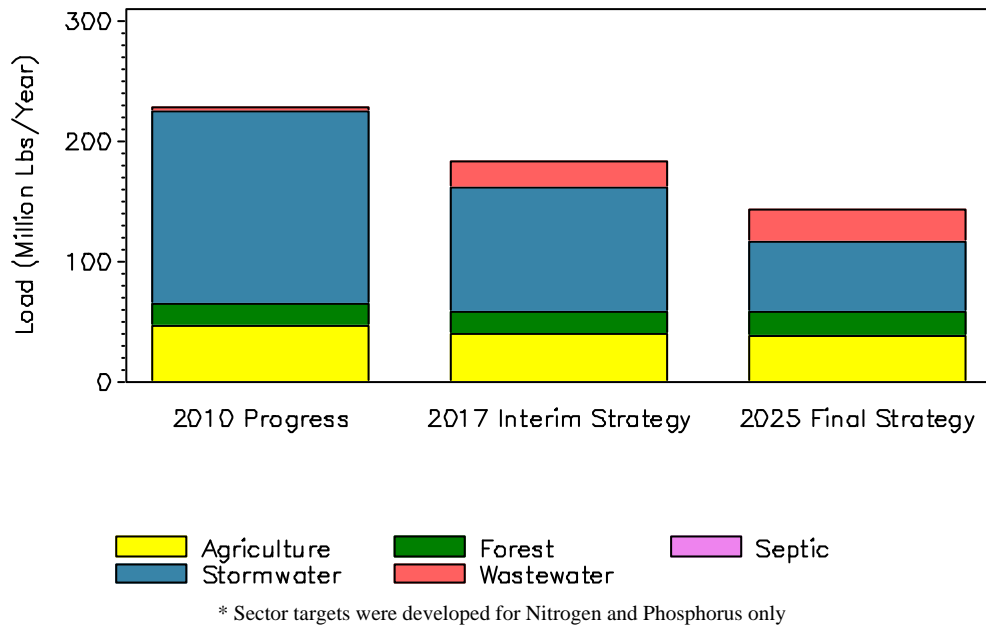


Comparison of Interim and Final Strategy Results  
 Western Shore of Chesapeake Bay  
 Total Phosphorus Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy	2025 Final Strategy	2025 Final Targets
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	0.002	0.000	0.000	0.001
	CAFO	0.000	0.000	0.000	0.000
	Crop	0.040	0.035	0.034	0.032
	Nursery	0.015	0.012	0.010	0.014
	Pasture	0.008	0.007	0.008	0.006
	<b>Subtotal</b>		<b>0.065</b>	<b>0.055</b>	<b>0.053</b>
Forest	Harvested	0.001	0.001	0.001	0.001
	Natural	0.014	0.014	0.015	0.014
	<b>Subtotal</b>	<b>0.015</b>	<b>0.015</b>	<b>0.015</b>	<b>0.015</b>
Non-Tidal Atm	Non-Tidal Atm	0.003	0.003	0.003	0.003
	<b>Subtotal</b>	<b>0.003</b>	<b>0.003</b>	<b>0.003</b>	<b>0.003</b>
Septic	Septic	NA	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000	-
	Construction	0.015	0.015	0.013	0.014
	Extractive	0.001	0.001	0.001	0.001
	Non-Regulated Developed	0.005	0.003	0.003	0.003
	Regulated Developed	0.186	0.138	0.082	0.100
	<b>Subtotal</b>		<b>0.208</b>	<b>0.158</b>	<b>0.099</b>
Wastewater	CSO	0.000	0.000	0.000	0.000
	Industrial	0.069	0.046	0.040	0.039
	Municipal	0.310	0.204	0.246	0.246
	<b>Subtotal</b>	<b>0.379</b>	<b>0.250</b>	<b>0.286</b>	<b>0.284</b>
<b>Total</b>		<b>0.670</b>	<b>0.482</b>	<b>0.457</b>	<b>0.473</b>



Comparison of Interim and Final Strategy Results  
Western Shore of Chesapeake Bay  
Total Sediment Loads



Comparison of Interim and Final Strategy Results  
 Western Shore of Chesapeake Bay  
 Total Sediment Loads (millions of pounds per year, delivered)

		2010 Progress	2017 Interim Strategy	2025 Final Strategy
Source Sector	Landuse	Million Lbs/Yr	Million Lbs/Yr	Million Lbs/Yr
Agriculture	AFO	0.166	0.161	0.160
	CAFO	0.013	0.011	0.011
	Crop	42.980	36.650	35.053
	Nursery	0.930	0.794	0.778
	Pasture	2.528	2.385	2.436
	<b>Subtotal</b>		<b>46.617</b>	<b>40.001</b>
Forest	Harvested	0.742	0.827	0.827
	Natural	16.822	17.578	18.064
	<b>Subtotal</b>	<b>17.564</b>	<b>18.405</b>	<b>18.891</b>
Non-Tidal Atm	Non-Tidal Atm	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Septic	Septic	NA	NA	NA
	<b>Subtotal</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Stormwater	CSS	0.000	0.000	0.000
	Construction	25.164	25.873	22.233
	Extractive	1.539	1.544	1.143
	Non-Regulated Developed	1.631	0.885	0.627
	Regulated Developed	131.602	74.314	34.237
	<b>Subtotal</b>		<b>159.936</b>	<b>102.615</b>
Wastewater	CSO	0.000	0.000	0.000
	Industrial	0.943	4.571	5.993
	Municipal	3.396	18.201	22.092
	<b>Subtotal</b>	<b>4.339</b>	<b>22.771</b>	<b>28.085</b>
<b>Total</b>		<b>228.455</b>	<b>183.792</b>	<b>143.653</b>

\* Sector targets were developed for Nitrogen and Phosphorus only

## Maryland Chesapeake Bay Watershed

### Maryland Chesapeake Bay Watershed 2017 Interim Strategy BMPs

<b>Agriculture - Nutrient Management/Annual Practice</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Decision Agriculture	Acres/Year	-	358,944	358,944
Enhanced Nutrient Management	Acres/Year	88,838	116,941	28,103
Nutrient Management	Acres/Year	735,891	808,617	72,726
	<b>Total</b>	<b>824,729</b>	<b>1,284,502</b>	<b>459,773</b>

<b>Agriculture - Other Annual Practices</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Conservation Tillage	Acres/Year	696,307	761,659	65,352
Cover Crop	Acres/Year	196,552	417,012	220,460
Cropland Irrigation Management	Acres/Year	-	119,727	119,727
Dairy Manure Incorporation	Acres/Year	-	16,702	16,702
Poultry Litter Incorporation	Acres/Year	-	100,294	100,294
Soil Conservation and Water Quality Plans	Acres/Year	769,462	1,026,413	256,951

<b>Agriculture - Additional BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Alternative Crops	Acres	-	498	498
Barnyard Runoff Control	Acres	893	1,331	438
Forest Buffers	Acres	20,926	21,853	928
Grass Buffers / Vegetated Open Channel	Acres	46,265	48,524	2,259
Heavy Use Poultry Area Concrete Pads	Acres	-	74	74
Irrigation Water Capture Reuse	Acres	-	1,937	1,937
Land Retirement	Acres	19,118	40,699	21,580
Loafing Lot Management	Acres	-	119	119
Sorbing Materials in Ag Ditches	Acres	-	3,097	3,097
Tree Planting / Vegetative Environmental Buffers	Acres	17,484	17,983	500
Water Control Structures	Acres	404	10,314	9,910
Wetland Restoration	Acres	8,218	10,928	2,710
Non Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	44,385	44,385

<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Horse Pasture Management	Acres	-	2,993	2,993

Maryland's Phase II WIP – Appendix B  
 October 15, 2012

<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Off Stream Watering Without Fencing	Acres	35,474	40,283	4,809
Precision Intensive Rotational Grazing	Acres	-	1,671	1,671
Prescribed Grazing	Acres	946	10,984	10,038
Stream Access Control with Fencing	Acres	488	803	315

<b>Forest BMPs</b>			<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Forest Harvesting Practices	harvested forest	Acres	23,087	23,935	848

<b>Developed Land BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Abandoned Mine Reclamation	Acres	-	1,242	1,242
Bioretention / Raingardens	Acres	-	19,028	19,028
Bioswale	Acres	-	13,919	13,919
Dry Detention Ponds and Hydrodynamic Structures	Acres	48,294	49,283	990
Dry Extended Detention Ponds	Acres	25,901	20,780	-5,122
Impervious Urban Surface Reduction	Acres	4	4,333	4,328
MS4 Permit Stormwater Retrofit	Acres	44,266	59,314	15,048
Permeable Pavement	Acres	-	300	300
Stormwater Management Generic BMP (1985 to 2002)	Acres	131,252	110,469	-20,783
Stormwater Management Generic BMP (2002 to 2010)	Acres	78,979	77,888	-1,092
Urban Filtering Practices	Acres	3,552	72,900	69,348
Urban Forest Buffers	Acres	340	10,059	9,719
Urban Infiltration Practices	Acres	14,458	26,795	12,337
Urban Tree Planting / Urban Tree Canopy	Acres	-	9,033	9,033
Vegetated Open Channels	Acres	-	8,307	8,307
Wet Ponds and Wetlands	Acres	54,077	70,351	16,273
Erosion and Sediment Control on Construction	Acres/Year	29,023	29,023	0
Erosion and Sediment Control on Extractive	Acres/Year	-	593	593
Forest Conservation	Acres/Year	93,350	90,469	-2,881
Street Sweeping Mechanical Monthly	Acres/Year	-	7,053	7,053
Urban Nutrient Management	Acres/Year	218,071	406,330	188,259
Street Sweeping Pounds	Lbs/Year	-	9,628,448	9,628,448
Urban Stream Restoration (interim)	Linear Feet	-	430,883	430,883
Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	605,116	605,116

Maryland's Phase II WIP – Appendix B  
 October 15, 2012

<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Septic Connection	Critical Area	Systems	14	1,432	1,418
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	350	6,381	6,032
	Within 1000 ft of a perennial stream	Systems	173	619	446
	<b><i>Septic ConnectionTotal</i></b>		<b>536</b>	<b>8,431</b>	<b>7,895</b>
Septic Denitrification	Critical Area	Systems	721	15,862	15,141
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	1,395	13,937	12,542
	Within 1000 ft of a perennial stream	Systems	732	16,230	15,498
	<b><i>Septic DenitrificationTotal</i></b>		<b>2,848</b>	<b>46,029</b>	<b>43,181</b>
Septic Pumping	Critical Area	Systems	-	2,764	2,764
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	-	14,426	14,426
	Within 1000 ft of a perennial stream	Systems	-	8,135	8,135
	<b><i>Septic PumpingTotal</i></b>		<b>-</b>	<b>25,325</b>	<b>25,325</b>

Maryland Chesapeake Bay Watershed  
 2025 Final Strategy BMPs

<b>Agriculture - Nutrient Management/Annual Practice</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Decision Agriculture	Acres/Year	-	598,240	598,240
Enhanced Nutrient Management	Acres/Year	88,838	192,002	103,163
Nutrient Management	Acres/Year	735,891	518,902	-216,989
<b>Total</b>		<b>824,729</b>	<b>1,309,144</b>	<b>484,414</b>

<b>Agriculture - Other Annual Practices</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Conservation Tillage	Acres/Year	696,307	756,251	59,944
Cover Crop	Acres/Year	196,552	424,085	227,534
Cropland Irrigation Management	Acres/Year	-	119,727	119,727
Dairy Manure Incorporation	Acres/Year	-	27,838	27,838
Poultry Litter Incorporation	Acres/Year	-	167,135	167,135
Soil Conservation and Water Quality Plans	Acres/Year	769,462	1,145,319	375,857

<b>Agriculture - Additional BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Alternative Crops	Acres	-	830	830
Barnyard Runoff Control	Acres	893	1,570	677
Forest Buffers	Acres	20,926	22,471	1,546
Grass Buffers / Vegetated Open Channel	Acres	46,265	50,028	3,763
Heavy Use Poultry Area Concrete Pads	Acres	-	81	81
Irrigation Water Capture Reuse	Acres	-	2,651	2,651
Land Retirement	Acres	19,118	57,186	38,068
Loafing Lot Management	Acres	-	121	121
Sorbing Materials in Ag Ditches	Acres	-	5,162	5,162
Tree Planting / Vegetative Environmental Buffers	Acres	17,484	18,313	829
Water Control Structures	Acres	404	17,198	16,794
Wetland Restoration	Acres	8,218	12,734	4,517
Non Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	73,975	73,975

<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Horse Pasture Management	Acres	-	4,990	4,990
Off Stream Watering Without Fencing	Acres	35,474	43,488	8,014
Precision Intensive Rotational Grazing	Acres	-	2,787	2,787

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<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Prescribed Grazing	Acres	946	18,301	17,355
Stream Access Control with Fencing	Acres	488	803	315

<b>Forest BMPs</b>			<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Forest Harvesting Practices	harvested forest	Acres	23,087	23,935	848

<b>Developed Land BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Abandoned Mine Reclamation	Acres	-	1,843	1,843
Bioretention / Raingardens	Acres	-	34,716	34,716
Bioswale	Acres	-	15,518	15,518
Dry Detention Ponds and Hydrodynamic Structures	Acres	48,294	53,259	4,965
Dry Extended Detention Ponds	Acres	25,901	27,544	1,643
Impervious Urban Surface Reduction	Acres	4	31,003	30,998
MS4 Permit Stormwater Retrofit	Acres	44,266	68,473	24,207
Permeable Pavement	Acres	-	350	350
Stormwater Management Generic BMP (1985 to 2002)	Acres	131,252	97,707	-33,545
Stormwater Management Generic BMP (2002 to 2010)	Acres	78,979	66,449	-12,530
Urban Filtering Practices	Acres	3,552	322,842	319,290
Urban Forest Buffers	Acres	340	26,430	26,090
Urban Infiltration Practices	Acres	14,458	33,872	19,414
Urban Tree Planting / Urban Tree Canopy	Acres	-	15,000	15,000
Vegetated Open Channels	Acres	-	28,290	28,290
Wet Ponds and Wetlands	Acres	54,077	73,504	19,427
Erosion and Sediment Control on Construction	Acres/Year	29,023	34,903	5,880
Erosion and Sediment Control on Extractive	Acres/Year	-	7,739	7,739
Forest Conservation	Acres/Year	93,350	91,111	-2,238
Street Sweeping Mechanical Monthly	Acres/Year	-	9,033	9,033
Urban Nutrient Management	Acres/Year	218,071	504,053	285,982
Street Sweeping Pounds	Lbs/Year	-	9,628,448	9,628,448
Urban Stream Restoration (interim)	Linear Feet	-	818,473	818,473
Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	1,273,852	1,273,852

<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			

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<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Septic Connection	Critical Area	Systems	14	16,481	16,468
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	350	15,925	15,575
	Within 1000 ft of a perennial stream	Systems	173	10,572	10,399
	<b><i>Septic ConnectionTotal</i></b>		<b>536</b>	<b>42,978</b>	<b>42,442</b>
Septic Denitrification	Critical Area	Systems	721	27,442	26,721
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	1,395	50,004	48,608
	Within 1000 ft of a perennial stream	Systems	732	106,768	106,036
	<b><i>Septic DenitrificationTotal</i></b>		<b>2,848</b>	<b>184,214</b>	<b>181,366</b>
Septic Pumping	Critical Area	Systems	-	9,885	9,885
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	-	30,385	30,385
	Within 1000 ft of a perennial stream	Systems	-	18,226	18,226
	<b><i>Septic PumpingTotal</i></b>		<b>-</b>	<b>58,496</b>	<b>58,496</b>



## Eastern Shore of Chesapeake Bay

### Eastern Shore of Chesapeake Bay 2017 Interim Strategy BMPs

<b>Agriculture - Nutrient Management/Annual Practice</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Decision Agriculture	Acres/Year	-	232,309	232,309
Enhanced Nutrient Management	Acres/Year	80,562	18,291	-62,271
Nutrient Management	Acres/Year	382,754	375,952	-6,802
	<b>Total</b>	<b>463,316</b>	<b>626,552</b>	<b>163,236</b>

<b>Agriculture - Other Annual Practices</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Conservation Tillage	Acres/Year	417,342	495,173	77,831
Cover Crop	Acres/Year	132,087	275,576	143,489
Cropland Irrigation Management	Acres/Year	-	111,743	111,743
Dairy Manure Incorporation	Acres/Year	-	9,283	9,283
Poultry Litter Incorporation	Acres/Year	-	98,229	98,229
Soil Conservation and Water Quality Plans	Acres/Year	416,740	506,844	90,104

<b>Agriculture - Additional BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Alternative Crops	Acres	-	480	480
Barnyard Runoff Control	Acres	65	127	62
Forest Buffers	Acres	10,698	11,041	343
Grass Buffers / Vegetated Open Channel	Acres	40,592	42,088	1,496
Heavy Use Poultry Area Concrete Pads	Acres	-	73	73
Irrigation Water Capture Reuse	Acres	-	1,478	1,478
Land Retirement	Acres	5,062	15,354	10,292
Loafing Lot Management	Acres	-	35	35
Sorbing Materials in Ag Ditches	Acres	-	3,062	3,062
Tree Planting / Vegetative Environmental Buffers	Acres	5,700	6,200	500
Water Control Structures	Acres	376	10,099	9,723
Wetland Restoration	Acres	7,326	9,944	2,618
Non Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	4,867	4,867

<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			

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<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Horse Pasture Management	Acres	-	1,282	1,282
Off Stream Watering Without Fencing	Acres	1,828	2,083	254
Precision Intensive Rotational Grazing	Acres	-	165	165
Prescribed Grazing	Acres	167	1,316	1,150
Stream Access Control with Fencing	Acres	35	167	131

<b>Forest BMPs</b>			<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Forest Harvesting Practices	harvested forest	Acres	8,043	8,281	237

<b>Developed Land BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Bioretention / Raingardens	Acres	-	1,263	1,263
Bioswale	Acres	-	1,806	1,806
Dry Detention Ponds and Hydrodynamic Structures	Acres	2,177	2,285	108
Dry Extended Detention Ponds	Acres	678	786	108
Impervious Urban Surface Reduction	Acres	-	538	538
MS4 Permit Stormwater Retrofit	Acres	1,887	1,979	92
Permeable Pavement	Acres	-	300	300
Stormwater Management Generic BMP (1985 to 2002)	Acres	24,525	26,249	1,724
Stormwater Management Generic BMP (2002 to 2010)	Acres	30,042	29,743	-299
Urban Filtering Practices	Acres	247	5,713	5,465
Urban Forest Buffers	Acres	36	3,330	3,295
Urban Infiltration Practices	Acres	768	1,709	941
Urban Tree Planting / Urban Tree Canopy	Acres	-	2,494	2,494
Vegetated Open Channels	Acres	-	1,013	1,013
Wet Ponds and Wetlands	Acres	9,387	9,713	325
Erosion and Sediment Control on Construction	Acres/Year	3,361	3,361	0
Erosion and Sediment Control on Extractive	Acres/Year	-	75	75
Forest Conservation	Acres/Year	15,123	15,419	296
Street Sweeping Mechanical Monthly	Acres/Year	-	830	830
Urban Nutrient Management	Acres/Year	32,201	73,602	41,400
Street Sweeping Pounds	Lbs/Year	-	309,337	309,337
Urban Stream Restoration (interim)	Linear Feet	-	23,760	23,760
Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	105,553	105,553

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<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Septic Connection	Critical Area	Systems	0	84	84
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	344	3,759	3,415
	Within 1000 ft of a perennial stream	Systems	150	169	19
	<b><i>Septic ConnectionTotal</i></b>		<b>494</b>	<b>4,012</b>	<b>3,518</b>
Septic Denitrification	Critical Area	Systems	587	8,505	7,918
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	760	5,280	4,520
	Within 1000 ft of a perennial stream	Systems	269	3,087	2,818
	<b><i>Septic DenitrificationTotal</i></b>		<b>1,616</b>	<b>16,872</b>	<b>15,256</b>
Septic Pumping	Critical Area	Systems	-	2,030	2,030
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	-	947	947
	Within 1000 ft of a perennial stream	Systems	-	403	403
	<b><i>Septic PumpingTotal</i></b>		<b>-</b>	<b>3,380</b>	<b>3,380</b>

Eastern Shore of Chesapeake Bay  
 2025 Final Strategy BMPs

<b>Agriculture - Nutrient Management/Annual Practice</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Decision Agriculture	Acres/Year	-	387,180	387,180
Enhanced Nutrient Management	Acres/Year	80,562	29,630	-50,932
Nutrient Management	Acres/Year	382,754	224,241	-158,513
<b>Total</b>		<b>463,316</b>	<b>641,051</b>	<b>177,735</b>

<b>Agriculture - Other Annual Practices</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Conservation Tillage	Acres/Year	417,342	490,146	72,804
Cover Crop	Acres/Year	132,087	280,250	148,163
Cropland Irrigation Management	Acres/Year	-	111,743	111,743
Dairy Manure Incorporation	Acres/Year	-	15,472	15,472
Poultry Litter Incorporation	Acres/Year	-	163,694	163,694
Soil Conservation and Water Quality Plans	Acres/Year	416,740	565,554	148,814

<b>Agriculture - Additional BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Alternative Crops	Acres	-	800	800
Barnyard Runoff Control	Acres	65	171	106
Forest Buffers	Acres	10,698	11,269	572
Grass Buffers / Vegetated Open Channel	Acres	40,592	43,083	2,492
Heavy Use Poultry Area Concrete Pads	Acres	-	81	81
Irrigation Water Capture Reuse	Acres	-	1,895	1,895
Land Retirement	Acres	5,062	22,584	17,522
Loafing Lot Management	Acres	-	57	57
Sorbing Materials in Ag Ditches	Acres	-	5,104	5,104
Tree Planting / Vegetative Environmental Buffers	Acres	5,700	6,530	830
Water Control Structures	Acres	376	16,839	16,463
Wetland Restoration	Acres	7,326	11,689	4,363
Non Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	8,111	8,111

<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Horse Pasture Management	Acres	-	2,138	2,138
Off Stream Watering Without Fencing	Acres	1,828	2,253	424
Precision Intensive Rotational Grazing	Acres	-	275	275

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<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Prescribed Grazing	Acres	167	2,192	2,026
Stream Access Control with Fencing	Acres	35	167	131

<b>Forest BMPs</b>			<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Forest Harvesting Practices	harvested forest	Acres	8,043	8,281	237

<b>Developed Land BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Bioretention / Raingardens	Acres	-	6,330	6,330
Bioswale	Acres	-	2,466	2,466
Dry Detention Ponds and Hydrodynamic Structures	Acres	2,177	2,237	60
Dry Extended Detention Ponds	Acres	678	764	86
Impervious Urban Surface Reduction	Acres	-	6,841	6,841
MS4 Permit Stormwater Retrofit	Acres	1,887	1,433	-454
Permeable Pavement	Acres	-	350	350
Stormwater Management Generic BMP (1985 to 2002)	Acres	24,525	22,000	-2,525
Stormwater Management Generic BMP (2002 to 2010)	Acres	30,042	25,389	-4,653
Urban Filtering Practices	Acres	247	59,422	59,175
Urban Forest Buffers	Acres	36	6,107	6,072
Urban Infiltration Practices	Acres	768	2,189	1,422
Urban Tree Planting / Urban Tree Canopy	Acres	-	3,835	3,835
Vegetated Open Channels	Acres	-	21,262	21,262
Wet Ponds and Wetlands	Acres	9,387	9,093	-294
Erosion and Sediment Control on Construction	Acres/Year	3,361	3,872	512
Erosion and Sediment Control on Extractive	Acres/Year	-	1,534	1,534
Forest Conservation	Acres/Year	15,123	15,246	123
Street Sweeping Mechanical Monthly	Acres/Year	-	1,288	1,288
Urban Nutrient Management	Acres/Year	32,201	103,196	70,995
Street Sweeping Pounds	Lbs/Year	-	309,337	309,337
Urban Stream Restoration (interim)	Linear Feet	-	47,520	47,520
Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	255,385	255,385

<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Septic Connection	Critical Area	Systems	0	2,894	2,894

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<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	344	4,066	3,722
	Within 1000 ft of a perennial stream	Systems	150	223	72
	<b><i>Septic ConnectionTotal</i></b>		<b>494</b>	<b>7,182</b>	<b>6,688</b>
Septic Denitrification	Critical Area	Systems	587	16,375	15,788
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	760	17,241	16,481
	Within 1000 ft of a perennial stream	Systems	269	14,766	14,498
	<b><i>Septic DenitrificationTotal</i></b>		<b>1,616</b>	<b>48,382</b>	<b>46,766</b>
Septic Pumping	Critical Area	Systems	-	7,885	7,885
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	-	6,937	6,937
	Within 1000 ft of a perennial stream	Systems	-	3,651	3,651
	<b><i>Septic PumpingTotal</i></b>		<b>-</b>	<b>18,472</b>	<b>18,472</b>

## Patuxent River Basin

### Patuxent River Basin 2017 Interim Strategy BMPs

<b>Agriculture - Nutrient Management/Annual Practice</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Decision Agriculture	Acres/Year	-	8,044	8,044
Enhanced Nutrient Management	Acres/Year	1,297	8,729	7,432
Nutrient Management	Acres/Year	33,867	44,509	10,642
	<b>Total</b>	<b>35,164</b>	<b>61,282</b>	<b>26,118</b>

<b>Agriculture - Other Annual Practices</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Conservation Tillage	Acres/Year	20,910	23,030	2,120
Cover Crop	Acres/Year	5,464	10,987	5,523
Cropland Irrigation Management	Acres/Year	-	1,313	1,313
Dairy Manure Incorporation	Acres/Year	-	319	319
Poultry Litter Incorporation	Acres/Year	-	326	326
Soil Conservation and Water Quality Plans	Acres/Year	38,260	54,281	16,021

<b>Agriculture - Additional BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Barnyard Runoff Control	Acres	117	138	21
Forest Buffers	Acres	843	878	36
Grass Buffers / Vegetated Open Channel	Acres	579	684	105
Irrigation Water Capture Reuse	Acres	-	121	121
Land Retirement	Acres	1,556	4,239	2,684
Loafing Lot Management	Acres	-	4	4
Tree Planting / Vegetative Environmental Buffers	Acres	3,120	3,120	0
Water Control Structures	Acres	1	66	65
Wetland Restoration	Acres	122	132	10
Non Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	10,355	10,355

<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Horse Pasture Management	Acres	-	1,023	1,023
Off Stream Watering Without Fencing	Acres	5,333	5,860	527
Precision Intensive Rotational Grazing	Acres	-	44	44

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<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Prescribed Grazing	Acres	63	766	702
Stream Access Control with Fencing	Acres	40	40	0

<b>Forest BMPs</b>			<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Forest Harvesting Practices	harvested forest	Acres	2,376	2,375	-1

<b>Developed Land BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Abandoned Mine Reclamation	Acres	-	3	3
Bioretention / Raingardens	Acres	-	5,730	5,730
Bioswale	Acres	-	1,959	1,959
Dry Detention Ponds and Hydrodynamic Structures	Acres	4,285	2,525	-1,760
Dry Extended Detention Ponds	Acres	4,165	2,907	-1,258
Impervious Urban Surface Reduction	Acres	2	453	452
MS4 Permit Stormwater Retrofit	Acres	3,656	9,281	5,625
Stormwater Management Generic BMP (1985 to 2002)	Acres	26,135	14,297	-11,838
Stormwater Management Generic BMP (2002 to 2010)	Acres	8,615	8,664	49
Urban Filtering Practices	Acres	652	7,429	6,777
Urban Forest Buffers	Acres	74	690	616
Urban Infiltration Practices	Acres	2,321	6,412	4,091
Urban Tree Planting / Urban Tree Canopy	Acres	-	414	414
Vegetated Open Channels	Acres	-	1,385	1,385
Wet Ponds and Wetlands	Acres	8,790	13,471	4,681
Erosion and Sediment Control on Construction	Acres/Year	6,121	6,121	0
Forest Conservation	Acres/Year	20,590	19,621	-968
Street Sweeping Mechanical Monthly	Acres/Year	-	8	8
Urban Nutrient Management	Acres/Year	31,988	40,139	8,151
Street Sweeping Pounds	Lbs/Year	-	1,004,031	1,004,031
Urban Stream Restoration (interim)	Linear Feet	-	23,046	23,046
Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	112,111	112,111

<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Septic Connection	Critical Area	Systems	0	384	384



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<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	0	718	717
	Within 1000 ft of a perennial stream	Systems	4	49	44
	<b><i>Septic ConnectionTotal</i></b>		<b>5</b>	<b>1,151</b>	<b>1,146</b>
Septic Denitrification	Critical Area	Systems	30	1,621	1,592
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	126	5,053	4,927
	Within 1000 ft of a perennial stream	Systems	84	5,581	5,497
	<b><i>Septic DenitrificationTotal</i></b>		<b>240</b>	<b>12,256</b>	<b>12,016</b>
Septic Pumping	Critical Area	Systems	-	315	315
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	-	9,603	9,603
	Within 1000 ft of a perennial stream	Systems	-	5,111	5,111
	<b><i>Septic PumpingTotal</i></b>		<b>-</b>	<b>15,029</b>	<b>15,029</b>

Patuxent River Basin  
 2025 Final Strategy BMPs

<b>Agriculture - Nutrient Management/Annual Practice</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Decision Agriculture	Acres/Year	-	13,407	13,407
Enhanced Nutrient Management	Acres/Year	1,297	13,548	12,251
Nutrient Management	Acres/Year	33,867	33,523	-344
<b>Total</b>		<b>35,164</b>	<b>60,478</b>	<b>25,314</b>

<b>Agriculture - Other Annual Practices</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Conservation Tillage	Acres/Year	20,910	22,926	2,015
Cover Crop	Acres/Year	5,464	11,173	5,710
Cropland Irrigation Management	Acres/Year	-	1,313	1,313
Dairy Manure Incorporation	Acres/Year	-	532	532
Poultry Litter Incorporation	Acres/Year	-	545	545
Soil Conservation and Water Quality Plans	Acres/Year	38,260	60,569	22,309

<b>Agriculture - Additional BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Barnyard Runoff Control	Acres	117	145	28
Forest Buffers	Acres	843	902	59
Grass Buffers / Vegetated Open Channel	Acres	579	754	175
Irrigation Water Capture Reuse	Acres	-	201	201
Land Retirement	Acres	1,556	6,290	4,735
Loafing Lot Management	Acres	-	3	3
Tree Planting / Vegetative Environmental Buffers	Acres	3,120	3,120	-0
Water Control Structures	Acres	1	109	108
Wetland Restoration	Acres	122	139	17
Non Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	17,258	17,258

<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Horse Pasture Management	Acres	-	1,705	1,705
Off Stream Watering Without Fencing	Acres	5,333	6,210	877
Precision Intensive Rotational Grazing	Acres	-	74	74
Prescribed Grazing	Acres	63	1,276	1,213
Stream Access Control with Fencing	Acres	40	40	0

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Forest BMPs			2010 Progress	2025 Final Strategy	Change from 2010
BMP Name	Zone	Unit			
Forest Harvesting Practices	harvested forest	Acres	2,376	2,375	-1

Developed Land BMPs		2010 Progress	2025 Final Strategy	Change from 2010
BMP Name	Unit			
Abandoned Mine Reclamation	Acres	-	3	3
Bioretention / Raingardens	Acres	-	8,395	8,395
Bioswale	Acres	-	2,218	2,218
Dry Detention Ponds and Hydrodynamic Structures	Acres	4,285	2,451	-1,834
Dry Extended Detention Ponds	Acres	4,165	2,881	-1,284
Impervious Urban Surface Reduction	Acres	2	3,917	3,915
MS4 Permit Stormwater Retrofit	Acres	3,656	14,104	10,448
Stormwater Management Generic BMP (1985 to 2002)	Acres	26,135	13,334	-12,800
Stormwater Management Generic BMP (2002 to 2010)	Acres	8,615	8,194	-421
Urban Filtering Practices	Acres	652	29,366	28,715
Urban Forest Buffers	Acres	74	3,027	2,953
Urban Infiltration Practices	Acres	2,321	8,785	6,464
Urban Tree Planting / Urban Tree Canopy	Acres	-	864	864
Vegetated Open Channels	Acres	-	1,379	1,379
Wet Ponds and Wetlands	Acres	8,790	14,370	5,580
Erosion and Sediment Control on Construction	Acres/Year	6,121	6,532	412
Erosion and Sediment Control on Extractive	Acres/Year	-	520	520
Forest Conservation	Acres/Year	20,590	19,821	-769
Street Sweeping Mechanical Monthly	Acres/Year	-	8	8
Urban Nutrient Management	Acres/Year	31,988	56,594	24,606
Street Sweeping Pounds	Lbs/Year	-	1,004,031	1,004,031
Urban Stream Restoration (interim)	Linear Feet	-	46,217	46,217
Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	242,228	242,228

Septic System BMPs			2010 Progress	2025 Final Strategy	Change from 2010
BMP Name	Zone	Unit			
Septic Connection	Critical Area	Systems	0	1,002	1,002
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	0	1,325	1,324
	Within 1000 ft of a perennial stream	Systems	4	386	381
<b>Septic Connection Total</b>			<b>5</b>	<b>2,712</b>	<b>2,707</b>
Septic Denitrification	Critical Area	Systems	30	4,151	4,121

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<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	126	8,921	8,795
	Within 1000 ft of a perennial stream	Systems	84	14,413	14,328
	<b><i>Septic DenitrificationTotal</i></b>		<b>240</b>	<b>27,484</b>	<b>27,244</b>
Septic Pumping	Critical Area	Systems	-	813	813
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	-	11,240	11,240
	Within 1000 ft of a perennial stream	Systems	-	6,445	6,445
	<b><i>Septic PumpingTotal</i></b>		<b>-</b>	<b>18,498</b>	<b>18,498</b>

## Potomac River Basin

### Potomac River Basin 2017 Interim Strategy BMPs

<b>Agriculture - Nutrient Management/Annual Practice</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Decision Agriculture	Acres/Year	-	76,467	76,467
Enhanced Nutrient Management	Acres/Year	4,890	69,471	64,581
Nutrient Management	Acres/Year	224,922	281,632	56,710
	<b>Total</b>	<b>229,812</b>	<b>427,571</b>	<b>197,759</b>

<b>Agriculture - Other Annual Practices</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Conservation Tillage	Acres/Year	172,012	157,829	-14,183
Cover Crop	Acres/Year	42,858	91,653	48,795
Cropland Irrigation Management	Acres/Year	-	4,345	4,345
Dairy Manure Incorporation	Acres/Year	-	4,301	4,301
Poultry Litter Incorporation	Acres/Year	-	1,169	1,169
Soil Conservation and Water Quality Plans	Acres/Year	209,480	324,679	115,199

<b>Agriculture - Additional BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Alternative Crops	Acres	-	18	18
Barnyard Runoff Control	Acres	416	711	295
Forest Buffers	Acres	7,152	7,539	387
Grass Buffers / Vegetated Open Channel	Acres	3,910	4,377	467
Heavy Use Poultry Area Concrete Pads	Acres	-	1	1
Irrigation Water Capture Reuse	Acres	-	175	175
Land Retirement	Acres	10,166	13,765	3,599
Loafing Lot Management	Acres	-	70	70
Tree Planting / Vegetative Environmental Buffers	Acres	5,416	5,415	-0
Water Control Structures	Acres	3	25	22
Wetland Restoration	Acres	436	477	41
Non Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	25,188	25,188

<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Horse Pasture Management	Acres	-	284	284

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<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Off Stream Watering Without Fencing	Acres	11,492	14,474	2,982
Precision Intensive Rotational Grazing	Acres	-	1,276	1,276
Prescribed Grazing	Acres	507	7,073	6,567
Stream Access Control with Fencing	Acres	306	446	141

<b>Forest BMPs</b>			<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Forest Harvesting Practices	harvested forest	Acres	8,586	9,197	611

<b>Developed Land BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Abandoned Mine Reclamation	Acres	-	1,240	1,240
Bioretention / Raingardens	Acres	-	5,863	5,863
Bioswale	Acres	-	5,068	5,068
Dry Detention Ponds and Hydrodynamic Structures	Acres	19,308	16,664	-2,643
Dry Extended Detention Ponds	Acres	10,985	10,055	-930
Impervious Urban Surface Reduction	Acres	3	1,958	1,955
MS4 Permit Stormwater Retrofit	Acres	13,084	13,734	650
Stormwater Management Generic BMP (1985 to 2002)	Acres	59,482	45,588	-13,894
Stormwater Management Generic BMP (2002 to 2010)	Acres	21,745	21,896	151
Urban Filtering Practices	Acres	1,246	21,399	20,153
Urban Forest Buffers	Acres	107	2,609	2,502
Urban Infiltration Practices	Acres	4,194	7,770	3,576
Urban Tree Planting / Urban Tree Canopy	Acres	-	1,325	1,325
Vegetated Open Channels	Acres	-	3,311	3,311
Wet Ponds and Wetlands	Acres	20,754	21,609	855
Erosion and Sediment Control on Construction	Acres/Year	13,680	13,680	0
Erosion and Sediment Control on Extractive	Acres/Year	-	518	518
Forest Conservation	Acres/Year	35,406	34,792	-614
Street Sweeping Mechanical Monthly	Acres/Year	-	583	583
Urban Nutrient Management	Acres/Year	79,651	114,469	34,818
Street Sweeping Pounds	Lbs/Year	-	3,187,369	3,187,369
Urban Stream Restoration (interim)	Linear Feet	-	13,145	13,145
Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	93,224	93,224

<b>Septic System BMPs</b>	<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
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<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Septic Connection	Critical Area	Systems	-	351	351
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	-	1,740	1,740
	Within 1000 ft of a perennial stream	Systems	-	53	53
	<b><i>Septic ConnectionTotal</i></b>		-	<b>2,144</b>	<b>2,144</b>
Septic Denitrification	Critical Area	Systems	19	721	702
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	239	385	146
	Within 1000 ft of a perennial stream	Systems	164	146	-18
	<b><i>Septic DenitrificationTotal</i></b>		<b>422</b>	<b>1,252</b>	<b>830</b>
Septic Pumping	Critical Area	Systems	-	362	362
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	-	1,019	1,019
	Within 1000 ft of a perennial stream	Systems	-	651	651
	<b><i>Septic PumpingTotal</i></b>		-	<b>2,033</b>	<b>2,033</b>

Potomac River Basin  
 2025 Final Strategy BMPs

<b>Agriculture - Nutrient Management/Annual Practice</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Decision Agriculture	Acres/Year	-	127,446	127,446
Enhanced Nutrient Management	Acres/Year	4,890	115,436	110,546
Nutrient Management	Acres/Year	224,922	194,050	-30,872
<b>Total</b>		<b>229,812</b>	<b>436,932</b>	<b>207,120</b>

<b>Agriculture - Other Annual Practices</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Conservation Tillage	Acres/Year	172,012	157,582	-14,429
Cover Crop	Acres/Year	42,858	93,207	50,349
Cropland Irrigation Management	Acres/Year	-	4,345	4,345
Dairy Manure Incorporation	Acres/Year	-	7,169	7,169
Poultry Litter Incorporation	Acres/Year	-	1,951	1,951
Soil Conservation and Water Quality Plans	Acres/Year	209,480	362,301	152,822

<b>Agriculture - Additional BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Alternative Crops	Acres	-	30	30
Barnyard Runoff Control	Acres	416	886	470
Forest Buffers	Acres	7,152	7,797	645
Grass Buffers / Vegetated Open Channel	Acres	3,910	4,689	778
Heavy Use Poultry Area Concrete Pads	Acres	-	0	0
Irrigation Water Capture Reuse	Acres	-	284	284
Land Retirement	Acres	10,166	17,404	7,239
Loafing Lot Management	Acres	-	55	55
Tree Planting / Vegetative Environmental Buffers	Acres	5,416	5,415	-0
Water Control Structures	Acres	3	41	37
Wetland Restoration	Acres	436	505	68
Non Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	41,980	41,980

<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Horse Pasture Management	Acres	-	474	474
Off Stream Watering Without Fencing	Acres	11,492	16,464	4,973
Precision Intensive Rotational Grazing	Acres	-	2,127	2,127
Prescribed Grazing	Acres	507	11,788	11,281



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<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Stream Access Control with Fencing	Acres	306	446	141

<b>Forest BMPs</b>			<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Forest Harvesting Practices	harvested forest	Acres	8,586	9,197	611

<b>Developed Land BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Abandoned Mine Reclamation	Acres	-	1,841	1,841
Bioretention / Raingardens	Acres	-	10,258	10,258
Bioswale	Acres	-	7,873	7,873
Dry Detention Ponds and Hydrodynamic Structures	Acres	19,308	15,964	-3,344
Dry Extended Detention Ponds	Acres	10,985	9,962	-1,023
Impervious Urban Surface Reduction	Acres	3	10,047	10,044
MS4 Permit Stormwater Retrofit	Acres	13,084	13,919	835
Stormwater Management Generic BMP (1985 to 2002)	Acres	59,482	42,973	-16,509
Stormwater Management Generic BMP (2002 to 2010)	Acres	21,745	20,800	-945
Urban Filtering Practices	Acres	1,246	93,056	91,810
Urban Forest Buffers	Acres	107	9,450	9,343
Urban Infiltration Practices	Acres	4,194	10,195	6,001
Urban Tree Planting / Urban Tree Canopy	Acres	-	2,786	2,786
Vegetated Open Channels	Acres	-	3,144	3,144
Wet Ponds and Wetlands	Acres	20,754	21,855	1,101
Erosion and Sediment Control on Construction	Acres/Year	13,680	17,192	3,512
Erosion and Sediment Control on Extractive	Acres/Year	-	4,881	4,881
Forest Conservation	Acres/Year	35,406	35,107	-299
Street Sweeping Mechanical Monthly	Acres/Year	-	24	24
Urban Nutrient Management	Acres/Year	79,651	142,831	63,179
Street Sweeping Pounds	Lbs/Year	-	3,187,369	3,187,369
Urban Stream Restoration (interim)	Linear Feet	-	19,545	19,545
Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	201,827	201,827

<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Septic Connection	Critical Area	Systems	-	894	894
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	-	3,255	3,255

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<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
	Within 1000 ft of a perennial stream	Systems	-	53	53
	<b><i>Septic ConnectionTotal</i></b>		-	<b>4,202</b>	<b>4,202</b>
Septic Denitrification	Critical Area	Systems	19	3,041	3,022
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	239	4,961	4,722
	Within 1000 ft of a perennial stream	Systems	164	49,336	49,172
	<b><i>Septic DenitrificationTotal</i></b>		<b>422</b>	<b>57,338</b>	<b>56,915</b>
Septic Pumping	Critical Area	Systems	-	937	937
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	-	3,957	3,957
	Within 1000 ft of a perennial stream	Systems	-	3,257	3,257
	<b><i>Septic PumpingTotal</i></b>		-	<b>8,151</b>	<b>8,151</b>

## Susquehanna River Basin

### Susquehanna River Basin 2017 Interim Strategy BMPs

<b>Agriculture - Nutrient Management/Annual Practice</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Decision Agriculture	Acres/Year	-	11,565	11,565
Enhanced Nutrient Management	Acres/Year	488	4,917	4,428
Nutrient Management	Acres/Year	28,318	28,571	253
	<b>Total</b>	<b>28,806</b>	<b>45,053</b>	<b>16,247</b>

<b>Agriculture - Other Annual Practices</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Conservation Tillage	Acres/Year	24,191	22,204	-1,987
Cover Crop	Acres/Year	5,224	11,480	6,256
Cropland Irrigation Management	Acres/Year	-	501	501
Dairy Manure Incorporation	Acres/Year	-	1,095	1,095
Poultry Litter Incorporation	Acres/Year	-	222	222
Soil Conservation and Water Quality Plans	Acres/Year	28,798	38,998	10,200

<b>Agriculture - Additional BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Barnyard Runoff Control	Acres	97	101	4
Forest Buffers	Acres	676	699	24
Grass Buffers / Vegetated Open Channel	Acres	479	514	34
Heavy Use Poultry Area Concrete Pads	Acres	-	0	0
Irrigation Water Capture Reuse	Acres	-	54	54
Land Retirement	Acres	589	2,876	2,287
Loafing Lot Management	Acres	-	3	3
Sorbing Materials in Ag Ditches	Acres	-	35	35
Tree Planting / Vegetative Environmental Buffers	Acres	677	677	-0
Water Control Structures	Acres	22	41	18
Wetland Restoration	Acres	152	160	8
Non Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	947	947

<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Horse Pasture Management	Acres	-	34	34

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<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Off Stream Watering Without Fencing	Acres	5,492	5,872	380
Precision Intensive Rotational Grazing	Acres	-	64	64
Prescribed Grazing	Acres	50	470	420
Stream Access Control with Fencing	Acres	23	39	16

<b>Forest BMPs</b>			<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Forest Harvesting Practices	harvested forest	Acres	728	729	2

<b>Developed Land BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Bioretention / Raingardens	Acres	-	4	4
Bioswale	Acres	-	21	21
Dry Detention Ponds and Hydrodynamic Structures	Acres	1,950	1,868	-82
Dry Extended Detention Ponds	Acres	739	726	-13
Impervious Urban Surface Reduction	Acres	-	189	189
MS4 Permit Stormwater Retrofit	Acres	413	524	111
Stormwater Management Generic BMP (1985 to 2002)	Acres	2,932	2,876	-56
Stormwater Management Generic BMP (2002 to 2010)	Acres	2,865	2,672	-192
Urban Filtering Practices	Acres	46	1,879	1,833
Urban Forest Buffers	Acres	2	781	780
Urban Infiltration Practices	Acres	258	277	19
Urban Tree Planting / Urban Tree Canopy	Acres	-	113	113
Vegetated Open Channels	Acres	-	278	278
Wet Ponds and Wetlands	Acres	875	946	71
Erosion and Sediment Control on Construction	Acres/Year	537	537	0
Forest Conservation	Acres/Year	2,644	2,616	-28
Urban Nutrient Management	Acres/Year	4,496	12,528	8,032
Street Sweeping Pounds	Lbs/Year	-	252,168	252,168
Urban Stream Restoration (interim)	Linear Feet	-	220	220
Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	1,561	1,561

<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Septic Denitrification	Critical Area	Systems	0	6	6

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<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	40	40	0
	Within 1000 ft of a perennial stream	Systems	19	19	0
	<b><i>Septic Denitrification Total</i></b>		<b>59</b>	<b>65</b>	<b>6</b>

Susquehanna River Basin  
 2025 Final Strategy BMPs

<b>Agriculture - Nutrient Management/Annual Practice</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Decision Agriculture	Acres/Year	-	19,275	19,275
Enhanced Nutrient Management	Acres/Year	488	7,911	7,422
Nutrient Management	Acres/Year	28,318	17,407	-10,910
<b>Total</b>		<b>28,806</b>	<b>44,593</b>	<b>15,788</b>

<b>Agriculture - Other Annual Practices</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Conservation Tillage	Acres/Year	24,191	22,190	-2,001
Cover Crop	Acres/Year	5,224	11,675	6,451
Cropland Irrigation Management	Acres/Year	-	501	501
Dairy Manure Incorporation	Acres/Year	-	1,826	1,826
Poultry Litter Incorporation	Acres/Year	-	370	370
Soil Conservation and Water Quality Plans	Acres/Year	28,798	43,516	14,718

<b>Agriculture - Additional BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Barnyard Runoff Control	Acres	97	103	6
Forest Buffers	Acres	676	715	40
Grass Buffers / Vegetated Open Channel	Acres	479	537	57
Heavy Use Poultry Area Concrete Pads	Acres	-	0	0
Irrigation Water Capture Reuse	Acres	-	90	90
Land Retirement	Acres	589	4,456	3,868
Loafing Lot Management	Acres	-	5	5
Sorbing Materials in Ag Ditches	Acres	-	58	58
Tree Planting / Vegetative Environmental Buffers	Acres	677	677	-0
Water Control Structures	Acres	22	67	45
Wetland Restoration	Acres	152	165	13
Non Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	1,578	1,578

<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Horse Pasture Management	Acres	-	57	57
Off Stream Watering Without Fencing	Acres	5,492	6,125	633
Precision Intensive Rotational Grazing	Acres	-	107	107
Prescribed Grazing	Acres	50	783	733

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<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Stream Access Control with Fencing	Acres	23	39	16

<b>Forest BMPs</b>			<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Forest Harvesting Practices	harvested forest	Acres	728	729	2

<b>Developed Land BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Bioretention / Raingardens	Acres	-	4	4
Bioswale	Acres	-	48	48
Dry Detention Ponds and Hydrodynamic Structures	Acres	1,950	1,809	-142
Dry Extended Detention Ponds	Acres	739	705	-34
Impervious Urban Surface Reduction	Acres	-	1,000	1,000
MS4 Permit Stormwater Retrofit	Acres	413	525	112
Stormwater Management Generic BMP (1985 to 2002)	Acres	2,932	2,800	-133
Stormwater Management Generic BMP (2002 to 2010)	Acres	2,865	2,597	-268
Urban Filtering Practices	Acres	46	13,869	13,822
Urban Forest Buffers	Acres	2	1,420	1,419
Urban Infiltration Practices	Acres	258	281	23
Urban Tree Planting / Urban Tree Canopy	Acres	-	236	236
Vegetated Open Channels	Acres	-	263	263
Wet Ponds and Wetlands	Acres	875	917	42
Erosion and Sediment Control on Construction	Acres/Year	537	735	198
Erosion and Sediment Control on Extractive	Acres/Year	-	129	129
Forest Conservation	Acres/Year	2,644	2,698	55
Urban Nutrient Management	Acres/Year	4,496	17,889	13,393
Street Sweeping Pounds	Lbs/Year	-	252,168	252,168
Urban Stream Restoration (interim)	Linear Feet	-	2,223	2,223
Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	2,615	2,615

<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Septic Connection	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	-	107	107
	Within 1000 ft of a perennial stream	Systems	-	50	50
<b>Septic Connection Total</b>			-	<b>157</b>	<b>157</b>

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<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Septic Denitrification	Critical Area	Systems	0	11	11
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	40	7,702	7,662
	Within 1000 ft of a perennial stream	Systems	19	5,367	5,348
	<b><i>Septic DenitrificationTotal</i></b>		<b>59</b>	<b>13,079</b>	<b>13,020</b>
Septic Pumping	Critical Area	Systems	-	0	0
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	-	46	46
	Within 1000 ft of a perennial stream	Systems	-	21	21
	<b><i>Septic PumpingTotal</i></b>		<b>-</b>	<b>67</b>	<b>67</b>



## Western Shore of Chesapeake Bay

### Western Shore of Chesapeake Bay 2017 Interim Strategy BMPs

Agriculture - Nutrient Management/Annual Practice		2010 Progress	2017 Interim Strategy	Change from 2010
BMP Name	Unit			
Decision Agriculture	Acres/Year	-	30,559	30,559
Enhanced Nutrient Management	Acres/Year	1,600	15,533	13,933
Nutrient Management	Acres/Year	66,030	77,952	11,921
	<b>Total</b>	<b>67,631</b>	<b>124,044</b>	<b>56,413</b>

Agriculture - Other Annual Practices		2010 Progress	2017 Interim Strategy	Change from 2010
BMP Name	Unit			
Conservation Tillage	Acres/Year	61,852	63,423	1,571
Cover Crop	Acres/Year	10,919	27,316	16,396
Cropland Irrigation Management	Acres/Year	-	1,825	1,825
Dairy Manure Incorporation	Acres/Year	-	1,703	1,703
Poultry Litter Incorporation	Acres/Year	-	348	348
Soil Conservation and Water Quality Plans	Acres/Year	76,184	101,611	25,426

Agriculture - Additional BMPs		2010 Progress	2017 Interim Strategy	Change from 2010
BMP Name	Unit			
Barnyard Runoff Control	Acres	198	254	56
Forest Buffers	Acres	1,558	1,696	138
Grass Buffers / Vegetated Open Channel	Acres	705	861	156
Heavy Use Poultry Area Concrete Pads	Acres	-	0	0
Irrigation Water Capture Reuse	Acres	-	109	109
Land Retirement	Acres	1,746	4,464	2,719
Loafing Lot Management	Acres	-	7	7
Tree Planting / Vegetative Environmental Buffers	Acres	2,571	2,571	-0
Water Control Structures	Acres	1	83	82
Wetland Restoration	Acres	181	214	33
Non Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	3,028	3,028

Agriculture - Pasture BMPs		2010 Progress	2017 Interim Strategy	Change from 2010
BMP Name	Unit			
Horse Pasture Management	Acres	-	369	369
Off Stream Watering Without Fencing	Acres	11,329	11,995	666

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<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Precision Intensive Rotational Grazing	Acres	-	122	122
Prescribed Grazing	Acres	160	1,358	1,198
Stream Access Control with Fencing	Acres	85	112	27

<b>Forest BMPs</b>			<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Forest Harvesting Practices	harvested forest	Acres	3,354	3,353	-1

<b>Developed Land BMPs</b>		<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Abandoned Mine Reclamation	Acres	-	0	0
Bioretention / Raingardens	Acres	-	6,169	6,169
Bioswale	Acres	-	5,065	5,065
Dry Detention Ponds and Hydrodynamic Structures	Acres	20,574	25,940	5,367
Dry Extended Detention Ponds	Acres	9,335	6,306	-3,028
Impervious Urban Surface Reduction	Acres	-	1,194	1,194
MS4 Permit Stormwater Retrofit	Acres	25,226	33,795	8,569
Stormwater Management Generic BMP (1985 to 2002)	Acres	18,178	21,458	3,280
Stormwater Management Generic BMP (2002 to 2010)	Acres	15,713	14,913	-800
Urban Filtering Practices	Acres	1,361	36,480	35,119
Urban Forest Buffers	Acres	122	2,648	2,527
Urban Infiltration Practices	Acres	6,917	10,627	3,710
Urban Tree Planting / Urban Tree Canopy	Acres	-	4,689	4,689
Vegetated Open Channels	Acres	-	2,320	2,320
Wet Ponds and Wetlands	Acres	14,271	24,613	10,341
Erosion and Sediment Control on Construction	Acres/Year	5,324	5,324	0
Forest Conservation	Acres/Year	19,587	18,020	-1,567
Street Sweeping Mechanical Monthly	Acres/Year	-	5,633	5,633
Urban Nutrient Management	Acres/Year	69,734	165,592	95,858
Street Sweeping Pounds	Lbs/Year	-	4,875,543	4,875,543
Urban Stream Restoration (interim)	Linear Feet	-	370,711	370,711
Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	292,667	292,667

<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Septic Connection	Critical Area	Systems	13	612	598

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<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2017 Interim Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	5	165	160
	Within 1000 ft of a perennial stream	Systems	18	347	329
	<b><i>Septic ConnectionTotal</i></b>		<b>37</b>	<b>1,124</b>	<b>1,088</b>
Septic Denitrification	Critical Area	Systems	86	5,008	4,922
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	230	3,178	2,949
	Within 1000 ft of a perennial stream	Systems	196	7,397	7,202
	<b><i>Septic DenitrificationTotal</i></b>		<b>511</b>	<b>15,583</b>	<b>15,073</b>
Septic Pumping	Critical Area	Systems	-	57	57
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	-	2,857	2,857
	Within 1000 ft of a perennial stream	Systems	-	1,970	1,970
	<b><i>Septic PumpingTotal</i></b>		<b>-</b>	<b>4,884</b>	<b>4,884</b>

Western Shore of Chesapeake Bay  
 2025 Final Strategy BMPs

<b>Agriculture - Nutrient Management/Annual Practice</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Decision Agriculture	Acres/Year	-	50,932	50,932
Enhanced Nutrient Management	Acres/Year	1,600	25,477	23,876
Nutrient Management	Acres/Year	66,030	49,680	-16,350
<b>Total</b>		<b>67,631</b>	<b>126,089</b>	<b>58,459</b>

<b>Agriculture - Other Annual Practices</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Conservation Tillage	Acres/Year	61,852	63,407	1,555
Cover Crop	Acres/Year	10,919	27,780	16,860
Cropland Irrigation Management	Acres/Year	-	1,825	1,825
Dairy Manure Incorporation	Acres/Year	-	2,839	2,839
Poultry Litter Incorporation	Acres/Year	-	576	576
Soil Conservation and Water Quality Plans	Acres/Year	76,184	113,379	37,195

<b>Agriculture - Additional BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Barnyard Runoff Control	Acres	198	264	67
Forest Buffers	Acres	1,558	1,788	230
Grass Buffers / Vegetated Open Channel	Acres	705	966	260
Heavy Use Poultry Area Concrete Pads	Acres	-	0	0
Irrigation Water Capture Reuse	Acres	-	182	182
Land Retirement	Acres	1,746	6,451	4,705
Loafing Lot Management	Acres	-	1	1
Tree Planting / Vegetative Environmental Buffers	Acres	2,571	2,571	-0
Water Control Structures	Acres	1	143	141
Wetland Restoration	Acres	181	236	55
Non Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	5,047	5,047

<b>Agriculture - Pasture BMPs</b>		<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Unit</b>			
Horse Pasture Management	Acres	-	616	616
Off Stream Watering Without Fencing	Acres	11,329	12,436	1,107
Precision Intensive Rotational Grazing	Acres	-	204	204
Prescribed Grazing	Acres	160	2,262	2,103
Stream Access Control with Fencing	Acres	85	112	27

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Forest BMPs			2010 Progress	2025 Final Strategy	Change from 2010
BMP Name	Zone	Unit			
Forest Harvesting Practices	harvested forest	Acres	3,354	3,353	-1

Developed Land BMPs		2010 Progress	2025 Final Strategy	Change from 2010
BMP Name	Unit			
Abandoned Mine Reclamation	Acres	-	0	0
Bioretention / Raingardens	Acres	-	9,729	9,729
Bioswale	Acres	-	2,912	2,912
Dry Detention Ponds and Hydrodynamic Structures	Acres	20,574	30,798	10,225
Dry Extended Detention Ponds	Acres	9,335	13,233	3,898
Impervious Urban Surface Reduction	Acres	-	9,198	9,198
MS4 Permit Stormwater Retrofit	Acres	25,226	38,492	13,266
Stormwater Management Generic BMP (1985 to 2002)	Acres	18,178	16,601	-1,577
Stormwater Management Generic BMP (2002 to 2010)	Acres	15,713	9,470	-6,243
Urban Filtering Practices	Acres	1,361	127,129	125,768
Urban Forest Buffers	Acres	122	6,425	6,303
Urban Infiltration Practices	Acres	6,917	12,422	5,504
Urban Tree Planting / Urban Tree Canopy	Acres	-	7,278	7,278
Vegetated Open Channels	Acres	-	2,242	2,242
Wet Ponds and Wetlands	Acres	14,271	27,269	12,998
Erosion and Sediment Control on Construction	Acres/Year	5,324	6,571	1,247
Erosion and Sediment Control on Extractive	Acres/Year	-	673	673
Forest Conservation	Acres/Year	19,587	18,239	-1,348
Street Sweeping Mechanical Monthly	Acres/Year	-	7,714	7,714
Urban Nutrient Management	Acres/Year	69,734	183,543	113,809
Street Sweeping Pounds	Lbs/Year	-	4,875,543	4,875,543
Urban Stream Restoration (interim)	Linear Feet	-	702,968	702,968
Urban Stream Restoration / Shoreline Erosion Control	Linear Feet	-	571,798	571,798

Septic System BMPs			2010 Progress	2025 Final Strategy	Change from 2010
BMP Name	Zone	Unit			
Septic Connection	Critical Area	Systems	13	11,691	11,678
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	5	7,173	7,167
	Within 1000 ft of a perennial stream	Systems	18	9,861	9,842
	<b>Septic Connection Total</b>		<b>37</b>	<b>28,724</b>	<b>28,687</b>

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<b>Septic System BMPs</b>			<b>2010 Progress</b>	<b>2025 Final Strategy</b>	<b>Change from 2010</b>
<b>BMP Name</b>	<b>Zone</b>	<b>Unit</b>			
Septic Denitrification	Critical Area	Systems	86	3,865	3,779
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	230	11,179	10,950
	Within 1000 ft of a perennial stream	Systems	196	22,886	22,691
	<b><i>Septic DenitrificationTotal</i></b>		<b>511</b>	<b>37,930</b>	<b>37,420</b>
Septic Pumping	Critical Area	Systems	-	250	250
	Outside of the Critical Area, not within 1000 ft of a perennial stream	Systems	-	8,205	8,205
	Within 1000 ft of a perennial stream	Systems	-	4,852	4,852
	<b><i>Septic PumpingTotal</i></b>		<b>-</b>	<b>13,307</b>	<b>13,307</b>