**Virginia’s Chesapeake Bay 2022-2023 Numeric Milestones**

| **Lead Agency & Supporting Agencies** | **Best Management Practice (BMP)** | **Numeric Milestone**  **(unit of measurement)** | **Associated Programmatic Milestones and/or WIP Initiatives** |
| --- | --- | --- | --- |
| Department of Conservation and Recreation (DCR) | Cover Crops | 225,000 acres | WIP 20 |
| DCR | Animal Waste Storage | 300 cumulative new facilities | WIP 26, WIP 28 |
| DCR | Soil Conservation and Water Quality Plans | 300,000 cumulative acres | A12  WIP 20, 23, 32  Soil Conservation and Water Quality Plans include VACS acres for all structural BMPs in lifespan, annual state tax credit cover crop acres, plus SWCD approved RMP acres, all EQIP, CRP, CREP, ACEP acres, plus Bay Act Agricultural Plans |
| DCR, Virginia Department of Agriculture and Consumer Services (VDACS) | Nutrient Management - Urban | 110,000 acres under management by Certified Fertilizer Applicators.  600 acres active in Healthy Virginia Lawns Program | D1, D3  These, along with several other programs, will contribute to achieving goals for urban nutrient management implementation. |
| DCR | Nutrient Management Core Plans | 700,000 acres | WIP 26 |
| DCR | Precision Rate Nitrogen | 110.000 acres | WIP 26 |
| DCR | Precision Timing Nitrogen | 55,000 acres | WIP 26 |
| DCR | Poultry Litter Transport | 45,000 tons transported during 2022 | A19, WIP 29 |
| DCR | Shoreline Stabilization | Report on 57,000 additional linear feet of tidal shoreline stabilized and/or verified by DCR Shoreline Erosion Advisory Service. | D20 |
| Department of Wildlife Resources (DWR) | Wetland Management, Restoration and/or Enhancement | 500 hours of technical assistance to 75+ public and private landowners; 750 acres of wetlands on public/private lands impacted through management, enhancement or restoration  300 acres of wetland restoration and/or enhancement projects on DWR lands  300 acres of restored or enhanced wetlands through DWR’s Virginia Migratory Waterfowl Stamp Fund competitive grant program  1,750 acres acquired, enhanced, or restored through coordination of state, regional and national wetlands and associated species conservation planning efforts | M8, M9, M10, M11, M12 |
| Department of Environmental Quality (DEQ) | Denitrifying bioreactors (springs) | Collaborate with Virginia Tech and other partners to seek implementation funding for nitrogen reducing bioreactors on four spring in the Shenandoah Valley | WIP 8 |
| DEQ | Stream Restoration or other stormwater BMPs | Authorize $75 million for stream restoration and/or stormwater BMP projects | WIP 45 |
| DCR, Virginia Department of Forestry (VDOF) | Livestock Stream Exclusion | 2,400 newly excluded buffer acres per year which includes 500 acres of forested buffers per year | A16, A17, A33 WIP 27 |
| VDOF | Forest Buffer | 6,216 acres | A21 |
| VDOF | Forest Buffer – with exclusion fencing | 13 projects, 70 acres | A22 |
| VDOF | Tree Planting | 501 projects 19,732 acres | A23 |
| VDOF | Forest Harvesting Practices | 95.5% BMP compliance. 372 loggers trained, 6 programs | F1 |
| VDOF | Urban Riparian Forest Buffer | 11 projects, 8.8 acres, 1,749 trees | F3 |
| VDOF | Urban Forest Planting | 11 projects, 15 acres, 3,000 trees | F7 |
| VDOF | Tree Planting Forest Canopy | 239 projects, 115 acres, 23,002 trees. | F9 |
| VDOF | James River Buffer Program | 22 projects, for 115 acres and 55,228 trees | A21 |
| VMRC | Oyster Restoration | 50-100 acres of restoration completed  Complete all feasible restoration work on five tributaries (100 – 200 additional acres) | M3 |