# Virginia’s Chesapeake Bay 2020-2021 Numeric Milestones

**A Message from Secretary of Natural Resources Matthew J. Strickler: *Virginia prepared the draft 2020-2021 Milestones and initiated public review and comment prior to Governor Northam’s issuance of Executive Order #51 “Declaration of a State of Emergency Due to Novel Coronavirus (COVID-19)” on March 12, 2020. Circumstances have changed significantly since release of the draft milestones and still the full impact of COVID-19 on the Commonwealth will not be clear for some time. Therefore, I am directing the Chesapeake Bay TMDL interagency team to revisit the 2020-2021 Milestones in the fall to determine if revisions are necessary once there is clarity on the economic impacts of COVID-19.***

| **Lead Agency & Supporting Agencies** | **Best Management Practice (BMP)** | **Numeric Milestone\***  **(unit of measurement)** | **Associated Programmatic Milestones and/or WIP Initiatives** |
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| VDACS / VCE | Nutrient Management - Urban | 110,000 acres under management by Certified Fertilizer Applicators  350 acres active in Healthy Virginia Lawns Program | D10, D11, R9, R10  These, along with several other programs, will contribute to achieving goals for urban nutrient management implementation. |
| DCR | Nutrient Management Core Plans | 675,000 acres | A5, A17, A18, A19, A21, WIP 26 |
| DCR | Precision Rate Nitrogen | 100,000 acres | A5, A17, A18, A19, A21, WIP 26 |
| DCR | Precision Timing Nitrogen | 50,000 acres | A5, A17, A18, A19, A21, WIP 26 |
| DCR | Cover Crops | 199,000 acres | WIP 20 |
| DCR | Animal Waste Storage | 250 new facilities | WIP 26, WIP 28 |
| DCR | Poultry Litter Transport | 30,000 tons transported during 2021 | A23, A24, A25, WIP 29 |
| DCR / VDOF | Livestock Stream Exclusion | 10,000 newly excluded buffer acres which includes 3,000 acres of forested buffers. Additional 2,300 acres of existing grass buffer converted to forest buffer. | A4, A9, A17, A19, A20, A21, F2, WIP 27 |
| DCR | Soil Conservation and Water Quality Plans | 200,000 acres of Resource Management Plans developed and or/certified | A15  WIP 20, 23, 32  RMP is one of several programs that will contribute to achieving goals for the soil conservation and water quality plan BMP.  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 |
| DEQ | Denitrifying Bioreactors (springs) | Collaborate with Virginia Tech and other partners to seek implementation funding for nitrogen reducing bioreactors on four springs in the Shenandoah Valley. | M10 |
| DEQ | Stream Restoration or other stormwater BMPs | Provide funding to the Stormwater Local Assistance Fund sufficient to implement 200,000 linear feet of stream restoration or other stormwater BMPs providing equivalent benefit to the Bay based on SLAF scoring criteria. | WIP 45 |
| VDOF | Forest Planting, Developed Lands | 1,700 acres | D8 |
| VDOF | Forest Buffer | 4,400 acres | F1 |
| VDOF | Tree Planting | 6,850 acres | F3 |
| VDOF | Forest Harvesting Practices | Maintain an average of 95% BMP compliance on harvested forest acres | F4 |
| VDOF | Tree Planting Forest Canopy | 6,000 acres | F12 |
| DGIF | Wetland Management, Restoration and/or Enhancement | 400 hours of technical assistance to 50+ public and private landowners; 500 acres of wetlands on public/private lands impacted through management, enhancement or restoration  100 acres of wetland restoration and/or enhancement projects on DGIF lands  300 acres of restored or enhanced wetlands through DGIF’s Virginia Migratory Waterfowl Stamp Fund competitive grant program  1,000 acres acquired, enhanced, or restored through coordination of state, regional and national wetlands and associated species conservation planning efforts | M4, M5, M7, M8 |
| VMRC | Oyster Restoration | 50-100 acres of restoration completed in 2020 and 2021  Complete all feasible restoration work on five tributaries by Oct 2023 (100 – 200 additional acres) | M12 |

Note: Highlighted rows address EPA recommended numeric milestones.