

Water in the 2020 Virginia General Assembly

Final Version, January 27, 2021

The 2020 Virginia General Assembly session convened January 8 and adjourned March 7. The reconvened (“veto”) session was held April 22. A special session called by Governor Ralph Northam to deal with impacts of the coronavirus pandemic began on August 18 and [adjourned November 9](#). Information on the General Assembly is available online at <https://viriniageneralassembly.gov/>

In the tables below (starting page 2), the Virginia Water Resources Research Center lists 211 measures in the regular session (January to March) of the 2020 Assembly dealing with water resources directly or indirectly, including two bills amending the current state budget that runs through June 30, 2020, and two bills setting the state budget for July 1, 2020-June 30, 2022 (as passed prior to the special pandemic-required session that started in August 2020).

The list was primarily generated from information on the Legislative Information System (LIS) Web site at <http://lis.virginia.gov/> (also at <http://leg1.state.va.us> in a slightly different format), in the categories indicated by headings in the table. In addition to the bills identified by LIS category, several bills identified from a February 4, 2020, report by the Virginia Association of Soil and Water Conservation Districts are shown on the last two pages of this document. Within each category, bills are listed in order of their **bill number**, using the following abbreviations: **HB** = bill started in House of Delegates; **HJ** = joint resolution started in the House; **SB** = bill started in the Senate; and **SJ** = joint resolution started in the Senate.

In the tables, numbers in the left-hand column have been added by the Water Center for cross-referencing among the bills. The second column from the left contains the actual bill numbers, hyperlinked to the LIS Web site. **Click on the bill numbers** to access more detailed bill information at the LIS site, including a summary of the bill and the chronology of legislative action. The **bill titles and descriptions** (third column from left) are taken from the LIS site, edited in some cases for clarity, space, or both. The right hand-column lists the **fate of the bill**.

LIS links to information about General Assembly committees in the 2020 session (including members and meeting times) are available online at <http://lis.virginia.gov/201/com/COM.HTM>.

Abbreviations in the tables: House ACNR = House Agriculture, Chesapeake, and Natural Resources committee; Senate ACNR = Senate Agriculture, Conservation, and Natural Resources committee; DCR = Virginia Department of Conservation and Recreation; DEQ = Virginia Department of Environmental Quality; DGIF = Virginia Department of Game and Inland Fisheries, now the Department of Wildlife Resources; SCC = State Corporation Commission; SWCB = State Water Control Board; VDH = Virginia Department of Health; VDOT = Virginia Department of Transportation; VMRC = Virginia Marine Resources Commission.

Inventories from previous General Assembly sessions, back to 1998, are available via this link: <http://www.vwrrc.vt.edu/virginia-water-legislation/>.

BUDGET/APPROPRIATIONS

Please note that the budget bills include many separate proposed changes to the current or upcoming biennial budget. Details on the budget are available at <https://budget.lis.virginia.gov/>.

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| 1. | HB 29 | Budget Bill for the remainder of the 2018-2020 Biennium | Passed both houses and approved by governor with amendments. |
| 2. | HB 30 | Budget Bill for 2020-2022 Biennium - Provides for all appropriations of the Budget submitted by the Governor of Virginia in accordance with the provisions of § 2.2-1509, Code of Virginia, and provides a portion of revenues for the two years ending respectively on the thirtieth day of June, 2021, and the thirtieth day of June, 2022. | Passed both houses and approved by governor with amendments. |
| 3. | SB 29 | Budget Bill for the remainder of the 2018-2020 Biennium | Passed Senate; failed in House Appropriations. |
| 4. | SB 30 | Budget Bill for 2020-2022 Biennium - Provides for all appropriations of the Budget submitted by the Governor of Virginia in accordance with the provisions of § 2.2-1509, Code of Virginia, and provides a portion of revenues for the two years ending respectively on the thirtieth day of June, 2021, and the thirtieth day of June, 2022. | Passed Senate; failed in House Appropriations. |

CONSERVATION

Conservation Bills on Land Policy and Use, including Tax-credits

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| 5. | HB 210 | Historical African American cemeteries; adding a cemetery in Montgomery County and City of Radford. | Passed both houses and approved by governor. |
| 6. | HB 314 | Historical African American cemeteries; adding a cemetery in Loudoun County. | Passed both houses and approved by governor. |
| 7. | HB 379 | Historical African American cemeteries; adding three cemeteries in Arlington County. | Incorporated into HB 1523 (#13 below). |
| 8. | HB 537 | Real estate tax; exemption for property in redevelopment or conservation areas. | Passed both houses and approved by governor. |
| 9. | HB 886 | State Trails Advisory Committee; extends sunset provision. | Passed both houses and approved by governor. |
| 10. | HB 905 | Historical African American cemeteries; adding a cemetery in City of Chesapeake. | Incorporated into HB 1523 (#13 below). |
| 11. | HB 1156 | Historic structure rehabilitation; increases tax credit. | Failed in House Finance. |
| 12. | HB 1234 | Historical African American cemeteries; adding Newtown Cemetery in City of Harrisonburg. | Incorporated into HB 1523 (#13 below). |

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| 13. | HB 1523 | Historical African American Cemeteries and Graves Fund; and addition of cemeteries in Chesapeake, Harrisonburg, Buckingham County, and Arlington County. Companion bill is SB 881 (#19 below). | Passed both houses and approved by governor. |
| 14. | HB 1593 | Historical African American cemeteries; adding a cemetery in Buckingham County. | Incorporated into HB 1523 (#13 above). |
| 15. | HB 1622 | Open-Space Lands Preservation Trust Fund by Virginia Outdoors Foundation; acquisition of fee-simple title and other interests in property. | Passed both houses and approved by governor. |
| 16. | HB 1623 | Open-space preservation; increases fee for every writing document and instrument admitted to record (deeds, deeds of trust, contracts, or other instruments). | Passed both houses and approved by governor. |
| 17. | HB 1636 | Mountain ridges; regulations on building construction allowable by local ordinance. | Reported from House ACNR; failed in House Appropriations |
| 18. | SB 621 | Open-space and conservation easements; interpretation of language. | Reported from Senate ACNR; failed on Senate Floor. |
| 19. | SB 881 | Historical African American Cemeteries and Graves Fund; and addition of cemeteries in Chesapeake, Harrisonburg, Buckingham County, and Arlington County. Companion bill is HB 1523 (#13 above). | Passed both houses and approved by governor. |
| 20. | SB 1055 | Historic Resources Department duties related to federal agencies and to archeological permits. | Failed in Senate General Laws and Technology. |

Conservation Bills on Participation in Carbon Cap-and-Trade Programs

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| 21. | HB 110 | Regional Greenhouse Gas Initiative; Virginia to participate in this or another carbon dioxide cap and trade program. | Failed in House Labor and Commerce. |
| 22. | HB 981 | Clean Energy and Community Flood Preparedness Act; involving a carbon allowance program that would fund coastal flooding preparedness. Companion bill is SB 1027 (#26 below). | Passed both houses and approved by governor with a recommendation. |
| 23. | HB 1152 | Carbon dioxide cap and trade program; requires participation in Regional Greenhouse Gas Initiative and creation of an Energy Efficiency Fund. | Incorporated into HB 981 (#21 above). |
| 24. | HB 1170 | Regional electric utility and transportation emissions programs; participation by Commonwealth. | Failed in House ACNR. |
| 25. | SB 992 | Carbon trading program; allocation of allowances, new facility. | Passed Senate; failed in House Labor and Commerce. |
| 26. | SB 1027 | Clean Energy and Community Flood Preparedness Act; involving a carbon allowance program that would fund coastal flooding preparedness. Companion bill is HB 981 (#21 above). | Passed both houses and approved by governor with a recommendation. |

Other Conservation Bills

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| 27. | HB 22 | Virginia Community Flood Preparedness Fund (change from Virginia Shoreline Resiliency Fund); low-income loans and grant program. Companion bill is SB 320 (#53 below). | Passed both houses and approved by governor with a recommendation. |
| 28. | HB 116 | Stormwater Management. Fund; allowing grants from local Fund to be used for an authorized local credit option. | Failed in House Counties, Cities, and Towns. |
| 29. | HB 206 | Electric utility regulation; allowing for retail customer choice. | Incorporated into HB 1677 (#137 below). |
| 30. | HB 221 | Tree conservation ordinance; allowing Chesapeake Bay Preservation Act localities to designate “Chesapeake Bay Watershed Trees” (defined in the bill) for preservation. Companion bill is SB 184 (#52 below). | Continued to 2021 in House ACNR. |
| 31. | HB 297 | Goat grazing on stream buffers. Same bill as HB 770 (#40 below). | Failed in House ACNR. |
| 32. | HB 302 | Litter tax; repeals annual tax. | Failed in House Finance. |
| 33. | HB 434 | State parks; establishing lifetime senior parking pass. | Failed in House ACNR. |
| 34. | HB 443 | Coal combustion residuals impoundments; requiring closures in Giles County (Glen Lyn plant) and Russell County (Clinch River plant). | Passed both houses and approved by governor. |
| 35. | HB 525 | Greenhouse gas emissions; Air Pollution Control Board to conduct a statewide inventory. | Reported from House ACNR; failed in House Appropriations. |
| 36. | HB 533 | Single-use expanded polystyrene food service containers; prohibition on use by food vendors. | Passed both houses and approved by governor. |
| 37. | HB 577 | Low emissions vehicle program; to be implemented by Air Pollution Control Board. | Reported from House ACNR; failed in House Appropriations. |
| 38. | HB 668 | Field investigations permit; specifying required archaeologist qualifications. | Passed both houses and approved by governor. |
| 39. | HB 705 | State air, waste, and water boards; transferring permit authority to the DEQ and changing boards’ membership. | Continued to 2021 in House ACNR. |
| 40. | HB 770 | Goat grazing on stream buffers. Same bill as HB 297 (#31). | Failed in House ACNR. |
| 41. | HB 794 | Flood Insurance Fund; established to subsidize purchase of insurance by low-income Virginians. | Reported from House ACNR; continued to 2021 in House Appropriations. |
| 42. | HB 1046 | Single-use expanded polystyrene food service containers; prohibition on use by food vendors. | Incorporated into HB 533 (#37 above). |

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| 43. | HB 1136 | Virginia Non-federally Managed Hazardous Waste Site Inventory; DEQ to publish and update annually. | Passed both houses and approved by governor. |
| 44. | HB 1144 | State parks; discounting rental and service fees for military and veterans and accompanying family. | Failed in House ACNR. |
| 45. | HB 1162 | DEQ policy goals; adding promotion of environmental justice. | Passed both houses and approved by governor. |
| 46. | HB 1164 | DEQ policy goals; adding addressing climate change, seeking fair treatment and meaningful involvement of all people, enhancing the environment, and promotion of health of citizens. | Passed both houses and approved by governor. |
| 47. | HB 1373 | Flood Resiliency Clearing House Program; to be developed by DCR. | Continued to 2021 in House ACNR. |
| 48. | HB 1526 | Virginia Clean Economy Act for electricity regulation; replacing existing voluntary renewable energy portfolio system (RPS) program with a mandatory RPS that applies to electric utilities and licensed competitive suppliers. Companion bill is SB 851 (#147 below). See also similar HB 1451 (#130 below). | Passed both houses and approved by governor. |
| 49. | HB 1641 | Coal ash ponds; drinking water well survey with resident notification. | Passed both houses and approved by governor. |
| 50. | HB 1642 | Coal ash ponds; drinking water well testing. | Passed both houses and approved by governor. |
| 51. | HB 1657 | Virginia Recreational Facilities Authority; dissolution, conveyance of property. | Passed House; failed in Senate Judiciary. |
| 52. | SB 184 | Tree conservation ordinance; Chesapeake Bay Preservation Act locality; designated trees. Companion bill is HB 221 (#30 above). | Failed in Senate ACNR. |
| 53. | SB 320 | Virginia Community Flood Preparedness Fund (change from Virginia Shoreline Resiliency Fund); low-income loans and grant program. Companion bill is HB 22 (#27). | Passed both houses and approved by governor with a recommendation. |
| 54. | SB 361 | Study; JCOTS; safety, quality of life, and economic consequences of weather and climate-related events on coastal areas in Virginia. | Failed in Senate Rules (stricken at request of patron). |
| 55. | SB 409 | Solid waste landfills; local impacts of facility accepting 3500 pounds or more per day. | Continued to 2021 in Senate ACNR. |
| 56. | SB 648 | Goat grazing on stream buffers. | Failed in Senate ACNR (stricken at request of patron). |
| 57. | SB 674 | Voluntary forest mitigation; agreements. | Passed both houses and approved by governor. |
| 58. | SB 769 | Environmental proceedings; findings of fact; deference. | Passed Senate; failed in House ACNR. |

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| 59. | SB 979 | Campaign Finance Disclosure Act of 2006; applicability to nominations and elections for soil and water conservation district directors. | Passed both houses and approved by governor. |
| 60. | SB 1004 | Wildlife Corridor Action Plan; to be created by Department of Game and Inland Fisheries (DGIF). | Passed both houses and approved by governor. |
| 61. | SB 1075 | Public notice requirements by Air Pollution Control Board for fossil-fuel facility permits or variances. | Passed both houses and approved by governor. |

ENERGY CONSERVATION AND RESOURCES

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| 62. | HB 77 | Green New Deal Act; fossil fuel projects moratorium, clean energy mandates, civil penalties. | Reported from House Labor and Commerce; failed in House Appropriations. |
| 63. | HB 205 | Small renewable energy projects (wind and solar); changes to permit-by-rule process. | Failed in House Labor and Commerce. |
| 64. | HB 234 | Division of Offshore Wind established in Department of Mines, Minerals and Energy. | Passed both houses and approved by governor. |
| 65. | HB 461 | Renewable energy property; tax credit established. | Failed in House Finance. |
| 66. | HB 547 | Virginia Energy and Economy Transition Council; established to develop plans and procedures for transition from fossil fuels to renewable energy by 2050. | Passed House; reported from Senate ACNR; continued to 2021 in Senate Finance and Appropriations. |
| 67. | HB 572 | Distributed solar and other renewable energy; promoting its establishment. | Passed both houses and approved by governor. |
| 68. | HB 947 | Green development zones; adding investments in green technologies to actions eligible for tax incentives. | Continued to 2021 in House Finance. |
| 69. | HJ 98 | Green industries; Virginia Employment Commission to study regional skills gaps. | Failed in House Rules. |
| 70. | SB 271 | Public higher educational institutions; public-private partnerships related to wind and solar power. | Passed both houses and approved by governor. |
| 71. | SB 94 | Commonwealth Energy Policy; adding several statements regarding carbon emissions and energy sources and uses. | Passed both houses and approved by governor. |
| 72. | SB 963 | Energy managers for state agencies. | Passed both houses and approved by governor. |

FISHERIES AND HABITAT OF TIDAL WATERS

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| 73. | HB 653 | Condemned growing beds in marine fisheries; allowing use of electronic maps to designate. | Passed both houses and approved by governor. |
| 74. | HB 706 | Offshore oil and gas drilling; prohibiting leases and removing any state endorsements of such activity. Companion bill is SB 795 (#84 below). Also see related HJ 61 (#180 below). | Passed both houses and approved by governor. |
| 75. | HB 1375 | Living shorelines; including practices that may enhance coastal resilience and attenuation of wave energy and storm surge in the definition of living shoreline under a general permit regulation. | Passed both houses and approved by governor. |
| 76. | HB 1448 | Menhaden fishery; regulatory authority placed under Marine Resources Commission (VMRC). Companion bill is SB 791 (#83 below). | Passed both houses and approved by governor with recommendation. |
| 77. | HB 1667 | VMRC; occupations to be represented in membership. | Failed in House ACNR. |
| 78. | HB 1668 | Menhaden; adjusts the annual total allowable landings. | Failed in House ACNR. |
| 79. | SB 222 | Menhaden; increasing penalty for harvest after closure of fishery. | Failed in Senate ACNR. |
| 80. | SB 702 | Bottomland permit fees; pier application process; Oyster Leasing, Conservation, and Repletion Programs Fund. | Passed both houses and approved by governor. |
| 81. | SB 776 | Wetlands protection; preference for living shorelines where feasible. | Passed both houses and approved by governor. |
| 82. | SB 783 | VMRC carbon market participation; authorized where submerged aquatic vegetation restoration generates carbon offset credits. | Passed both houses and approved by governor. |
| 83. | SB 791 | Menhaden fishery; regulatory authority placed under VMRC. Companion bill is HB 1448 (#76 above). (This bill incorporated five other Senate bills—SB 157, SB 194, SB 357, SB 402, and SB 1054—that are not included in this inventory.) | Passed both houses and approved by governor with recommendation. |
| 84. | SB 795 | Offshore oil and gas drilling; prohibiting leases and removing any state endorsements of such activity. Companion bill is HB 706 (#74 above). Also see related HJ 61 (#180 below). | Passed both houses and approved by governor. |

GAME, INLAND FISHERIES, AND BOATING

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| 85. | HB 173 | Waterfowl blinds; blinds not to be licensed in certain waterways where locality prohibits certain hunting. Companion bill is SB 435 (#96 below). | Passed both houses and approved by governor. |
| 86. | HB 449 | Unlawful hunting, fishing, or trapping; prohibition upon conviction. | Passed both houses and approved by governor. |

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| 87. | HB 507 | Release of balloons prohibited; civil penalty. | Failed in House ACNR. |
| 88. | HB 1074 | Disturbing animals; changing term from “molest” to “harass.” | Passed both houses and approved by governor. |
| 89. | HB 1282 | License requirement to hunt, trap, or fish; exemption for member of federally recognized Indian tribe. | Failed in House ACNR. |
| 90. | HB 1357 | Wildlife or fish; sale of mounts permitted under certain conditions. | Passed House; failed in Senate. |
| 91. | HB 1604 | Boat ramp fees; authority for DGIF and exemptions. | Passed both houses and approved by governor. |
| 92. | HB 1632 | Hunting on Sunday; allowing on public lands. | Failed in House ACNR. |
| 93. | SB 318 | Balloons; reduces from 49 to 1 the number per hour that a person may release. | Passed Senate; continued to 2021 in House ACNR. |
| 94. | SB 335 | Fees to hunt and fish; reduced fee for military service. | Passed Senate; failed in House ACNR. |
| 95. | SB 336 | Fishing permits; special permits for certain youth camps to be applicable to camp employees as well as youth campers. | Passed both houses and approved by governor. |
| 96. | SB 435 | Waterfowl blinds; blinds not to be licensed in certain waterways where locality prohibits certain hunting. Companion bill is HB 173 (#85 above). | Passed both houses and approved by governor. |
| 97. | SB 459 | Hunting and fishing licenses at no cost for veterans and active duty service members. | Failed in Senate ACNR (stricken at request of patron). |
| 98. | SB 509 | Migratory bird hunting in Commonwealth waters; restriction on local regulation. | Failed (passed by indefinitely) in Senate ACNR. |

HAZARDOUS SUBSTANCES OR CHEMICALS

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| 99. | HB 586 | PFOA (perfluorooctanoic acid), PFOS (perfluorooctane sulfonate), and PFAS (and other perfluoroalkyl and polyfluoroalkyl substances); study of substances in public drinking water. | Passed both houses and approved by governor. |
| 100. | HB 1192 | Aboveground Storage Tank Fund and regulation. | Continued to 2021 in House Courts of Justice. |
| 101. | HB 1712 | PFAS chemicals (perfluoroalkyl and polyfluoroalkyl substances); prohibiting in food packaging. | Continued to 2021 in House ACNR. |
| 102. | HB 1257 | PFOA (perfluorooctanoic acid), PFOS (perfluorooctane sulfonate), PFAS (and other perfluoroalkyl and polyfluoroalkyl substances), chromium-6; and 1,4-dioxane in drinking water supplies; establishing regulations for maximum contaminant levels. | Passed both houses and approved by governor. |

HEALTH

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| 103. | HJ 40 | Lake Anna; VDH to study harmful algal blooms. | Reported from House Rules; failed in House Appropriations. |
| 104. | HJ 92 | Drinking water program; VDH Office of Drinking Water to study infrastructure and oversight. | Passed both houses. |
| 105. | HJ 106 | Alternative onsite sewage systems; VDH to study the use of systems. | Failed in House Rules. |

HIGHWAYS, BRIDGES, AND FERRIES

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| 106. | HB 991 | Firefighting equipment; weight limitation on interstate highways. | Passed both houses and approved by governor. |
| 107. | HB 1414 | Transportation; comprehensive bill amending numerous laws related to funds, safety programs, revenue sources, etc. | Passed both houses and approved by governor with recommendation. |
| 108. | SB 1010 | Robert O. Norris Bridge [across Rappahannock River] and Statewide Special Structure Fund; Commonwealth Transportation Board to fund. | Failed in Senate Transportation. |
| 109. | SB 1021 | Kings Highway Bridge [across Nansemond River]; located in the City of Suffolk, is eligible for state of good repair funds. | Continued to 2021 in Senate Transportation. |

PUBLIC SERVICE COMPANIES

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| 110. | HB 511 | Electric vehicle charging stations; authorizing operation by state agencies. | Passed both houses and approved by governor. |
| 111. | HB 528 | Coal-fired or natural gas-fired electric generation facilities; retirement of facilities to be determined by SCC. | Passed both houses and approved by governor. |
| 112. | HB 573 | Community solar development pilot program; requiring one or more facilities within low-income communities. | Passed both houses and approved by governor. |
| 113. | HB 575 | Electric utilities' energy efficiency programs; requirements for stakeholder process. | Passed both houses and approved by governor with recommendation. |
| 114. | HB 576 | Undergrounding electric transmission lines; adding stipulations on pilot program. See similar HB 1030 (#118 below). | Passed both houses and approved by governor. |
| 115. | HB 723 | Underground pipelines and electrical transmission lines; requiring mitigation for impacts on agricultural land. | Passed both houses and approved by governor. |
| 116. | HB 754 | Virginia Brownfield and Coal Mine Renewable Energy Grant Fund and Program; established to fund renewable | Reported from House Labor and |

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| | | energy projects located on brownfields or land previously mined for coal. | Commerce; failed in House Appropriations. |
| 117. | HB 835 | Utility transfers; establishing rules governing fair market valuations of water or sewer utility asset acquisitions. Companion bill is SB 831 (#145 below). | Passed both houses and approved by governor. |
| 118. | HB 1030 | Undergrounding electric transmission lines; adding stipulations on pilot program. See similar HB 576 (#114 above). | Passed both houses and approved by governor. |
| 119. | HB 1067 | Electric utility net energy metering; defining what is considered on a customer's premises. | Continued to 2021 in House General Laws. |
| 120. | HB 1132 | Electric utility regulation; establishing requirements for the first scheduled triennial review proceeding for Virginia Electric and Power Company, scheduled for 2021. | Passed House; failed in Senate Commerce and Labor. |
| 121. | HB 1133 | Solar and wind energy; projects on previously developed project sites included in public interest. | Passed both houses and approved by governor with recommendation. |
| 122. | HB 1171 | Solar farms; annual report of acreage to be completed by Virginia Solar Energy Center. | Continued to 2021 in House ACNR. |
| 123. | HB 1183 | Bulk energy storage resources; SCC to establish task force to study potential. | Passed both houses and approved by governor. |
| 124. | HB 1184 | Distributed energy generation; promoting establishment of distributed solar energy through several provisions. Companion bill is SB 710 (#143 below). | Passed both houses and approved by governor. |
| 125. | HB 1295 | Fossil fuel investments; tax on electric utilities on those investments. | Failed in House Finance. |
| 126. | HB 1298 | Electric utility regulation; authorizing SCC to include certain environmental effects, including carbon emissions, in considering approval of generating facilities. | Failed in House Labor and Commerce. |
| 127. | HB 1306 | Renewable energy storage projects; requiring regulations to allow projects on appropriate brownfields and reclaimed mining lands. | Failed in House ACNR (stricken from docket). |
| 128. | HB 1327 | Property taxes; revising the rates allowed for local taxes on generating equipment of electric suppliers utilizing wind turbines. | Passed both houses and approved by governor. |
| 129. | HB 1360 | Utility bills; requiring statement of costs of environmental law compliance. | Failed in House Labor and Commerce. |
| 130. | HB 1451 | Electric utilities and renewable energy; replacing the existing voluntary renewable energy portfolio standard (RPS) program with a mandatory RPS program. See similar HB 1526 (#48 above) and SB 851 (#147 below). | Passed House; passed Senate with amendments; amended version failed in House. |
| 131. | HB 1576 | Electric utility regulation and energy efficiency programs; revising the definition of "large general service customer" which may be exempt from the costs of certain energy efficiency programs. | Passed both houses and approved by governor. |

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| 132. | HB 1607 | Offshore wind generation facilities; adding stipulations for Dominion to recover costs. | Incorporated into HB 1664 (#135 below). |
| 133. | HB 1634 | Shared solar programs; requires establishment, etc. Companion bill is SB 629 (#140 below). | Passed both houses and approved by governor with recommendation. |
| 134. | HB 1647 | Electric utility regulation and renewable power; adding several stipulations regarding third-party sales agreements, public generating facilities, etc. | Passed both houses and approved by governor with recommendation. |
| 135. | HB 1664 | Offshore wind development; stipulations for facilities located in federal waters to be deemed in public interest. Companion bill is SB 860 (#148 below). | Passed both houses and approved by governor with recommendation. |
| 136. | HB 1677 | Electric utility regulation; allowing for retail customer choice. See similar SB 842 (#146 below). | Continued to 2021 in House Labor and Commerce. |
| 137. | HB 1707 | Clean Energy Advisory Board; membership. | Passed both houses and approved by governor. |
| 138. | SB 354 | Electric utility regulation; energy efficiency standard. | Failed in Senate Commerce and Labor (stricken at request of patron). |
| 139. | SB 376 | Electric utilities; retail competition, renewable energy. | Failed in Senate Commerce and Labor. |
| 140. | SB 629 | Shared solar programs; requires establishment, etc. Companion bill is HB 1634 (#133 above). | Passed both houses and approved by governor with recommendation. |
| 141. | SB 632 | Public utilities; energy storage capacity in the Commonwealth. | Passed both houses and approved by governor. |
| 142. | SB 634 | Alternative and efficient energies; subsidies and rebates. | Passed Senate; failed in House Labor and Commerce. |
| 143. | SB 710 | Distributed energy generation; promoting establishment of distributed solar energy through several provisions. Companion bill is HB 1184 (#124 above). | Passed both houses and approved by governor. |
| 144. | SB 784 | Transmission lines; relocation and undergrounding. | Failed in Senate Commerce and Labor. |
| 145. | SB 831 | Utility transfers; establishing rules governing fair market valuations of water or sewer utility asset acquisitions. Companion bill is HB 835 (#117 above). | Passed both houses and approved by governor. |
| 146. | SB 842 | Electric energy; allowing for retail customer choice. See similar HB 1677 (#136 above). | Continued to 2021 in Senate Commerce and Labor. |

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| 147. | SB 851 | Electric utilities and renewable energy; replacing the existing voluntary renewable energy portfolio standard (RPS) program with a mandatory RPS program. Companion bill is HB 1526 (#48 above). See also similar HB 1451 (#130 above). | Passed both houses and approved by governor. |
| 148. | SB 860 | Offshore wind development; stipulations for facilities located in federal waters to be deemed in public interest. Companion bill is HB 1664 (#135 above). | Passed both houses and approved by governor with recommendation. |
| 149. | SB 1093 | Surface mineral mines; authorizes a locality to regulate certain aspects. | Failed in Senate ACNR. |

WASTE DISPOSAL

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| 150. | HB 1038 | Solid waste management facilities; prohibiting permit for landfill with capacity of more than 35 million tons. | Continued to 2021 in House ACNR. |
| 151. | HB 1352 | Solid waste disposal; unpermitted sites and open dumps, regulation and cleanup. | Passed both houses and approved by governor. |

WATER AND SEWER SYSTEMS

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| 152. | HB 1585 | Altavista, Town of; discounted water and sewer fees. | Passed both houses and approved by governor. |
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WATERS OF THE STATE, PORTS AND HARBORS

Bills on State Scenic River Designations

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| 153. | HB 5 | Clinch River; designating a 66.8-mile segment in Tazewell and Russell counties for addition to the Virginia Scenic Rivers System. Companion bill is SB 478 (#160 below). | Passed both houses and approved by governor. |
| 154. | HB 282 | Maury River; designating a 19.25-mile segment for addition to the Virginia Scenic Rivers System. Companion bill is SB 288 (#159 below). | Passed both houses and approved by governor. |
| 155. | HB 1145 | Pound River; designating a 17-mile segment in Wise and Dickenson counties for addition to the Virginia Scenic Rivers System. | Passed both houses and approved by governor. |
| 156. | HB 1598 | James River; designating a 20-mile portion of in Albemarle, Buckingham, and Fluvanna counties for addition to the Virginia Scenic Rivers System. | Passed both houses and approved by governor. |
| 157. | HB 1601 | Staunton River; designating an 11.5-mile segment of the between the U.S. Route 360 bridge and the Staunton River State Park boat landing for addition to the Virginia Scenic Rivers System | Passed both houses and approved by governor. |
| 158. | HB 1612 | Grays Creek; designating a six-mile portion in Surry County for addition to the Virginia Scenic Rivers System. Companion bill is SB 1090 (#161 below). | Passed both houses and approved by governor. |

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| 159. | SB 288 | Maury River; designating a 19.25-mile segment for addition to the Virginia Scenic Rivers System. Companion bill is HB 282 (#154 above). | Passed both houses and approved by governor. |
| 160. | SB 478 | Clinch River; designating a 66.8-mile segment in Tazewell and Russell counties for addition to the Virginia Scenic Rivers System. Companion bill is HB 5 (#153 above). | Passed both houses and approved by governor. |
| 161. | SB 1090 | Grays Creek; designating a six-mile portion in Surry County for addition to the Virginia Scenic Rivers System. Companion bill is HB 1612 (#158 above). | Passed both houses and approved by governor. |

Other Waters of the State, Ports and Harbors Bills

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| 162. | HB 504 | Chesapeake Bay Preservation Areas; preservation of mature trees. | Passed both houses and approved by governor with recommendation. |
| 163. | HB 542 | Regional water resource planning; changes to SWCB regulations. | Passed both houses and approved by governor. |
| 164. | HB 643 | Pipeline construction; changes to certification requirements, including minimum diameter. | Passed House; failed in Senate ACNR. |
| 165. | HB 644 | Pipeline construction projects; water quality violations, cumulative effect, civil penalties. | Passed House; failed in Senate ACNR. |
| 166. | HB 646 | Pipeline construction permit; amount of civil penalty for violation. | Passed both houses and approved by governor. |
| 167. | HB 859 | Stormwater management facilities; disclosure requirements for private residential lots. | Passed both houses and approved by governor. |
| 168. | HB 882 | Stormwater management; concerning use of proprietary best management practices that have been certified by another state, regional, or national program. | Passed both houses and approved by governor. |
| 169. | HB 1205 | Discharge of deleterious substance into state waters; making several changes to required notice. | Passed both houses and approved by governor. |
| 170. | HB 1329 | Chesapeake Bay Resource Protection Areas; local ordinances; penalties. | Passed House; continued to 2021 in Senate ACNR. |
| 171. | HB 1364 | Chesapeake Bay Resource Protection Areas; criteria for improvement plans. | Continued to 2021 in House ACNR. |
| 172. | HB 1393 | Nutrient credit trading; adding a restriction on use of nutrient credits in a locality of certain size and population. | Failed in House ACNR. |
| 173. | HB 1454 | Erosion and sediment control, stormwater, and Chesapeake Bay preservation laws; consolidation. | Failed in House ACNR (stricken from docket). |
| 174. | HB 1458 | Water protection permits; adding provisions regulating administrative withdrawal of application. | Passed both houses and approved by governor. |
| 175. | HB 1464 | Nutrient credit usage; local authority to impose restrictions. | Continued to 2021 in House ACNR. |

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| 176. | HB 1571 | Elizabeth River Crossings (company managing tunnels between Norfolk and Portsmouth); termination of VDOT contract with the company. | Failed in House Transportation. |
| 177. | HB 1609 | Nutrient and sediment credit use; stipulations for locality to use credits it generates. Companion bill is SB 747 (#185 below). | Passed both houses and approved by governor. |
| 178. | HB 1674 | Eastern Virginia Groundwater Management Area; provisional surface water withdrawal permit allowed if no end user identified. | Passed House; continued to 2021 in Senate ACNR. |
| 179. | HB 1715 | Virginia Erosion and Sediment Control Programs; administration by DEQ in any locality that opts out of operating a program. | Continued to 2021 in House ACNR. |
| 180. | HJ 35 | Albemarle-Pamlico watershed in Virginia; Department of Environmental Quality to study, including land use, stormwater, groundwater, and flora and fauna. | Failed in House Rules. |
| 181. | HJ 61 | Offshore oil and gas exploration; opposing exploration and drilling off the coast of Virginia. See related HB 706 (#74 above) and SB 795 (#84 above). | Failed in House Rules. |
| 182. | HJ 89 | Litter; DEQ to study economic and environmental impacts on fishing, farming, habitat, organisms, and water quality in streams. | Reported from House Rules; failed in House Appropriations. |
| 183. | SB 673 | Nonagricultural irrigation wells; prohibiting such wells outside surficial aquifer. | Passed both houses and approved by governor. |
| 184. | SB 679 | Eastern Virginia Groundwater Management Advisory Committee; re-establishment after its January 2018 expiration. | Passed both houses and approved by governor. |
| 185. | SB 747 | Nutrient and sediment credit use; stipulations for locality to use credits it generates. Companion bill is HB 1609 (#177 above). | Passed both houses and approved by governor. |
| 186. | SB 843 | Stormwater and erosion and sediment control; acceptance of plans in lieu of plan review if activity determined to be minimal. | Passed both houses and approved by governor. |
| 187. | SB 1007 | Stormwater management; required frequency of inspections for wet-pond best management practices (BMPs). | Passed Senate; failed in House ACNR. |
| 188. | SB 106 | Hydraulic fracturing for oil or gas; prohibiting any wells for that purpose in state-declared groundwater management areas. | Passed both houses and approved by governor. |
| 189. | SB 1064 | Combined sewer overflow (CSO) outfalls in James River watershed; requiring interim and final plans to be submitted to DEQ. | Passed both houses and approved by governor. |

BILLS FROM THE VIRGINIA ASSOCIATION OF SOIL AND WATER CONSERVATION DISTRICTS REPORT

The following bills were located in the Virginia Association of Soil and Water Conservation Districts report of February 4, 2020, rather than from the Virginia Legislative Information System (LIS), so no specific LIS category is indicated.

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| 190. | HB 24 | Hurricane and Flooding Risk Reduction and Bond Rating Protection Act of 2020; report. | Failed in House ACNR. |
| 191. | HB 389 | Hurricane and Flooding Risk Reduction and Bond Rating Protection Act of 2020; report. | Continued to 2021 in House ACNR. |
| 192. | HB 414 | Virginia Energy Plan; covenants regarding solar power; reasonable restrictions. | Passed both houses and approved by governor. |
| 193. | HB 520 | Tree planting as land cover type, best management practice; stakeholder advisory group for study. | Passed both houses and approved by governor. |
| 194. | HB 640 | Product safety; liquid container containing bisphenol A; fund; civil penalty. | Failed in House ACNR. |
| 195. | HB 656 | Solar energy projects; national standards may be used in local zoning ordinances. Companion bill is SB 875 (#209 below). | Passed both houses and approved by governor. |
| 196. | HB 657 | Comprehensive plan; solar facilities review | Passed both houses and approved by governor. |
| 197. | HB 704 | Environmental justice; state agency policy. Companion bill is SB 406 (#208 below). | Passed both houses and approved by governor. |
| 198. | HB 714 | Virginia Energy Plan; recognizes climate change as pressing challenge and sets several related objectives. | Passed both houses and approved by governor. |
| 199. | HB 912 | Distributed renewable energy; promotes establishment of solar and other renewable energy. | Incorporated into HB 572 (#67 above). |
| 200. | HB 1016 | Offshore energy resources; moratorium on offshore oil and gas development. | Incorporated into HB 706 (#74 above). |
| 201. | HB 1128 | Discharge of deleterious substance into state waters; notice. | Incorporated into HB 1205 (#169 above). |
| 202. | HB 1308 | Stormwater management; grandfathered land-disturbing activities. | Failed in House ACNR. |
| 203. | HB 1422 | Chesapeake Bay Watershed Implementation Plan initiatives; nutrient management plans; stream exclusion. Companion bill is SB 704 (#209 below). | Passed both houses and approved by governor. |
| 204. | HB 1497 | Fertilizer contractor-applicator; application pursuant to nutrient management plan. | Continued to 2021 in House ACNR. |
| 205. | HB 1639 | Rural fill disposal; DEQ to convene work group to study. | Passed both houses and approved by governor. |

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| 206. | HB 1652 | Income tax, state and corporate; tax credit, agricultural best management practices. | Reported from House Finance; failed in House Appropriations. |
| 207. | HB 1706 | Pesticides; prohibits the manufacture, distribution, etc., for use of chlorpyrifos. | Continued to 2021 in House ACNR. |
| 208. | SB 406 | Environmental justice; state agency policy. Companion bill is HB 704 (#197 above). | Passed both houses and approved by governor. |
| 209. | SB 704 | Chesapeake Bay Watershed Implementation Plan initiatives; nutrient management plans; stream exclusion. Companion bill is HB 1422 (#203 above). | Passed both houses and approved by governor. |
| 210. | SB 875 | Solar energy projects; national standards may be used in local zoning ordinances. Companion bill is HB 656 (#195 above). | Passed both houses and approved by governor. |
| 211. | SB 1067 | Regulation of stormwater; airports. | Failed in Senate ACNR (stricken at request of patron). |