

Water in the 2020 Virginia General Assembly

As of February 19, 2020

The 2020 Virginia General Assembly session convened January 8 and is scheduled to adjourn March 7. The reconvened (“veto”) session is scheduled for April 22. Information on the General Assembly is available online at <https://viriniageneralassembly.gov/>; a list of key dates in the 2020 session calendar is available from the University of Virginia, online (as a PDF) at <https://sgr.virginia.edu/key-dates-2020-general-assembly-session>.

In the tables below (starting page 2), the Virginia Water Resources Research Center lists 209 measures in 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. A final table identifies some bill that seem particularly significant.

The list comes from 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. 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 **status of bills**—that is, whether the bill is still under consideration, had passed, or had failed (and if it failed, where in the process that occurred). **The bill status given in this document is according to information available on the LIS Web site on February 19, 2020.**

LIS links to information about General Assembly committees (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; 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/>.

1.	HB 29	Budget Bill for the remainder of the 2018-2020 Biennium	Reported from House Appropriations.
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.	Reported from House Appropriations.
3.	SB 29	Budget Bill for the remainder of the 2018-2020 Biennium	Reported from Senate Finance and 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.	Reported from Senate Finance and Appropriations.

CONSERVATION

Conservation Bills on Land Policy, including Tax-credits

5.	HB 210	Historical African American cemeteries; adding a cemetery in Montgomery County and City of Radford.	Passed House and Senate.
6.	HB 314	Historical African American cemeteries; adding a cemetery in Loudoun County.	Passed House and Senate.
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 House; reported from Senate Finance and Appropriations.
9.	HB 886	State Trails Advisory Committee; extends sunset provision.	Passed House; reported from Senate ACNR.
10.	HB 905	Historical African American cemeteries; adding a cemetery in City of Chesapeake.	Incorporated into HB 1523 (#13 below).
11.	HB 1156	Historic 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).
13.	HB 1523	Historical African American Cemeteries and Graves Fund; created.	Passed House; in Senate ACNR.

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; acquisition of interests in property.	Passed House; in Senate ACNR.
16.	HB 1623	Open-space preservation; increases fee for every writing document and instrument admitted to record.	Passed House; reported from Senate Finance and Appropriations.
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 upon reconsideration.
19.	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

20.	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.
21.	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 (#25 below).	Passed House; reported from Senate ACNR; in Senate Finance and Appropriations.
22.	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).
23.	HB 1170	Regional electric utility and transportation emissions programs; participation by Commonwealth.	Failed in House ACNR.
24.	SB 992	Carbon trading program; allocation of allowances, new facility.	Passed Senate; in House Labor and Commerce.
25.	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 Senate; in House Labor and Commerce.

Other Conservation Bills

26.	HB 22	Virginia Shoreline Resiliency Fund (original bill) - amended bill: Virginia Community Flood Preparedness Fund. See similar SB 320 (#52).	Passed House; reported from Senate ACNR; in Senate Finance and Appropriations.
27.	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.

28.	HB 206	Electric utility regulation; allowing for retail customer choice.	Incorporated into HB 1677 (#138 below).
29.	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 (#51).	Continued to 2021 in House ACNR.
30.	HB 297	Goat grazing on stream buffers.	Failed in House ACNR.
31.	HB 302	Litter tax; repeals annual tax.	Failed in House Finance.
32.	HB 434	State parks; establishing lifetime senior parking pass.	Failed in House ACNR.
33.	HB 443	Coal combustion residuals impoundments; requiring closures in Giles County (Glen Lyn plant) and Russell County (Clinch River plant).	Passed House; in Senate ACNR.
34.	HB 525	Greenhouse gas emissions; Air Pollution Control Board to conduct a statewide inventory.	Reported from House ACNR; failed in House Appropriations.
35.	HB 533	Expanded polystyrene food service containers; prohibition on use by food vendors.	Passed House; reported from Senate ACNR.
36.	HB 577	Low emissions vehicle program; to be implemented by Air Pollution Control Board.	Reported from House ACNR; failed in House Appropriations.
37.	HB 668	Field investigations permit; specifying required archaeologist qualifications.	Passed House; in Senate ACNR.
38.	HB 705	State air, waste, and water boards; transferring permit authority to the DEQ and changing boards’ membership.	Continued to 2021 in House ACNR.
39.	HB 770	Goat grazing on stream buffers.	Failed in House ACNR.
40.	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.
41.	HB 1046	Expanded polystyrene food service containers; prohibition on use by food vendors.	Incorporated into HB 533 (#36 above).
42.	HB 1136	Virginia Non-federally Managed Hazardous Waste Site Inventory; DEQ to publish and update annually.	Passed House; in Senate ACNR.
43.	HB 1144	State parks; discounting rental and service fees for military and veterans and accompanying family.	Failed in House ACNR.
44.	HB 1162	DEQ policy goals; adding promotion of environmental justice.	Passed House; reported from Senate ACNR.
45.	HB 1164	DEQ policy goals; adding addressing climate change and seeking fair treatment and meaningful involvement of all people.	Passed House; reported from Senate ACNR.

46.	HB 1373	Flood Resiliency Clearing House Program; to be developed by DCR.	Continued to 2021 in House ACNR.
47.	HB 1526	Virginia Clean Economy Act; replacing existing voluntary renewable energy portfolio system (RPS) program with a mandatory RPS that applies to electric utilities and licensed competitive suppliers. See similar HB 1451 (#130) and SB 851 (#146).	Passed House; in Senate Commerce and Labor.
48.	HB 1641	Coal ash ponds; drinking water well survey with resident notification.	Passed House; in Senate ACNR.
49.	HB 1642	Coal ash ponds; drinking water well testing.	Passed House; in Senate ACNR.
50.	HB 1657	Virginia Recreational Facilities Authority; dissolution, conveyance of property.	Passed House; in Senate Judiciary.
51.	SB 184	Tree conservation ordinance; Chesapeake Bay Preservation Act locality; designated trees. Companion bill is HB 221 (#29).	Failed in Senate ACNR.
52.	SB 320	Virginia Community Flood Preparedness Fund (change from Virginia Shoreline Resiliency Fund); low-income loans, forgiveness of principal. See similar HB 22 (#26).	Passed Senate.
53.	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).
54.	SB 409	Solid waste landfills; local impacts of facility accepting 3500 pounds or more per day.	Continued to 2021 in Senate ACNR.
55.	SB 648	Goat grazing on stream buffers.	Failed in Senate ACNR (stricken at request of patron).
56.	SB 674	Voluntary forest mitigation; agreements.	Passed Senate; reported from House ACNR.
57.	SB 769	Environmental proceedings; findings of fact.	Passed Senate; in House ACNR.
58.	SB 979	Campaign Finance Disclosure Act of 2006; applicability to nominations and elections for soil and water conservation district directors.	Passed Senate; in House Privileges and Elections.
59.	SB 1004	Wildlife Corridor Action Plan; to be created by DGIF.	Passed Senate; in House ACNR.
60.	SB 1075	DEQ public notice requirements.	Passed Senate; in House ACNR.

EMINENT DOMAIN

61.	SB 485	Eminent domain; authority for determining remnants and remainders.	Passed Senate; in House Courts of Justice.
62.	SB 951	Eminent domain; requiring written offer to purchase property.	Passed Senate; in House Courts of Justice.

ENERGY CONSERVATION AND RESOURCES

63.	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.
64.	HB 205	Small renewable energy projects (wind and solar); changes to permit-by-rule process.	Failed in House Labor and Commerce.
65.	HB 234	Division of Offshore Wind established.	Passed House; in Senate Finance and Appropriations.
66.	HB 461	Renewable energy property; tax credit established.	Failed in House Finance.
67.	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; in Senate ACNR.
68.	HB 572	Distributed renewable energy; promoting its establishment.	Passed House; in Senate Commerce and Labor.
69.	HB 947	Green development zones; adding investments in green technologies to actions eligible for tax incentives.	Continued to 2021 in House Finance.
70.	HJ 98	Green industries; Virginia Employment Commission to study regional skills gaps.	Failed in House Rules.
71.	SB 271	Public higher educational institutions; public-private partnerships related to wind and solar power.	Passed Senate; reported from House Education.
72.	SB 94	Commonwealth Energy Policy; adding several statements regarding carbon emissions and energy sources and uses.	Passed Senate; in House Labor and Commerce.
73.	SB 963	Commonwealth Efficient and Resilient Buildings Board; established to advise on improvements to state buildings to reduce greenhouse gas emissions and improve resiliency.	Passed Senate; in House General Laws.

FISHERIES AND HABITAT OF TIDAL WATERS

74.	HB 653	Condemned growing beds; allowing use electronic maps to designate.	Passed House; reported from Senate ACNR.
75.	HB 706	Offshore oil and gas drilling; prohibiting leases and removing any state endorsements of such activity. See related HJ 61 (#182 below).	Passed House; reported from Senate ACNR.
76.	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 House; in Senate ACNR.
77.	HB 1448	Menhaden fishery; regulatory authority under VMRC. Companion bill is SB 791 (#84 below).	Passed House; reported from Senate ACNR; in

			Senate Finance and Appropriations.
78.	HB 1667	VMRC; occupations to be represented in membership.	Failed in House ACNR.
79.	HB 1668	Menhaden; adjusts the annual total allowable landings.	Failed in House ACNR.
80.	SB 222	Menhaden; increasing penalty for harvest after closure of fishery.	Failed in Senate ACNR.
81.	SB 702	VMRC; permit fees, pier application, oyster fund.	Passed Senate; reported from House ACNR.
82.	SB 776	Wetlands protection; preference for living shorelines where feasible.	Passed Senate; in House ACNR.
83.	SB 783	VMRC carbon market participation; authorized where submerged aquatic vegetation restoration generates carbon offset credits.	Passed Senate; reported from House ACNR.
84.	SB 791	Menhaden fishery; regulatory authority under VMRC. This bill incorporated five other Senate bills (SB 157, SB 194, SB 357, SB 402, and SB 1054. Companion bill is HB 1448 (#77 above).	Passed Senate; reported from House ACNR.
85.	SB 1054	Menhaden fishery; regulatory authority under VMRC.	Incorporated into SB 791 (#84 above).

GAME, INLAND FISHERIES, AND BOATING

86.	HB 173	Waterfowl blinds; blinds not to be licensed where locality prohibits certain hunting.	Passed House; reported from Senate ACNR.
87.	HB 449	Unlawful hunting, fishing, or trapping; prohibition upon conviction.	Passed House; reported from Senate ACNR.
88.	HB 507	Release of balloons prohibited; civil penalty.	Failed in House ACNR.
89.	HB 1074	Disturbing animals; changing term from “molest” to “disturb,” and amended to “disturb with intent to harm.”	Passed House; reported from Senate ACNR.
90.	HB 1282	License requirement to hunt, trap, or fish; exemption for member of federally recognized Indian tribe.	Failed in House ACNR.
91.	HB 1357	Wildlife or fish; sale of mounts permitted under certain conditions.	Passed House; reported from Senate ACNR.
92.	HB 1604	Boat ramp fees; authority for DGIF and exemptions.	Passed House; reported from Senate ACNR.
93.	HB 1632	Hunting on Sunday; allowing on public lands.	Failed in House ACNR.
94.	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.

95.	SB 335	Fees to hunt and fish; reduced fee for military service.	Passed Senate; in House ACNR.
96.	SB 336	Fishing permits; special permits for certain youth camps to be applicable to camp employees as well as youth campers.	Passed Senate; reported from House ACNR.
97.	SB 459	Hunting and fishing licenses; 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

99.	HB 586	PFOA, PFOS, and PFAS; study of substances in public drinking water.	Passed House; reported from Senate Education and Health.
100.	HB 1192	Aboveground Storage Tank Fund and regulation.	Continued to 2021 in House Courts of Justice.
101.	HB 1712	PFAS chemicals; prohibiting in food packaging.	Continued to 2021 in House ACNR.
102.	HB 1257	PFOA, PFOS, and PFAS in drinking water supplies; establishing regulations for maximum contaminant levels.	Passed House; in Senate Education and Health.

HEALTH

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 House; in Senate Rules.
105.	HJ 106	Alternative onsite sewage systems; VDH to study the use of systems.	Failed in House Rules.

HIGHWAYS, BRIDGES, AND FERRIES

106.	HB 991	Firefighting equipment; weight limitation on interstate highways.	Passed House; in Senate Transportation.
107.	HB 1414	Transportation; comprehensive bill amending numerous laws related to funds, safety programs, revenue sources, etc.	Passed House; in Senate Finance and Appropriations.
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.
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PUBLIC SERVICE COMPANIES

110.	HB 511	Electric vehicle charging stations; authorizing operation by state agencies.	Passed House; reported from Senate General Laws and Technology.
111.	HB 528	Coal fired or natural gas fired electric generation facilities; retirement of facilities to be determined by SCC.	Passed House; in Senate Commerce and Labor.
112.	HB 573	Community solar development pilot program; requiring one or more facilities within low-income communities.	Passed House; in Senate Commerce and Labor.
113.	HB 575	Electric utilities' energy efficiency programs; requirements for stakeholder process.	Passed House; in Senate Commerce and Labor.
114.	HB 576	Undergrounding electric transmission lines; adding stipulations on pilot program.	Passed House and Senate.
115.	HB 723	Underground pipelines and electrical transmission lines; requiring mitigation for impacts on agricultural land.	Passed House; in Senate Commerce and Labor.
116.	HB 754	Virginia Brownfield and Coal Mine Renewable Energy Grant Fund and Program; established to fund renewable energy projects located on brownfields or land previously mined for coal.	Reported from House Labor and Commerce; failed in House Appropriations.
117.	HB 835	Utility Transfers Act; establishing rules governing fair market valuations of water or sewer utility asset acquisitions.	Passed House; reported from Senate Commerce and Labor; in Senate Finance and Appropriations.
118.	HB 1030	Undergrounding electric transmission lines; adding stipulations on pilot program.	Passed House; in Senate Commerce and Labor.
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; in Senate Commerce and Labor.
121.	HB 1133	Solar and wind energy; projects on previously developed project sites included in public interest.	Passed House; in Senate Commerce and Labor.
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 House; in Senate Commerce and Labor.
124.	HB 1184	Distributed energy generation; promoting establishment of distributed solar energy through several provisions. Companion bill is SB 710 (#143 below).	Passed House; in Senate Commerce and Labor.
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 House and Senate.
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 (#47 above) and SB 851 (#146 below).	Passed House; reported from Senate ACNR.
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 House; in Senate Commerce and Labor.
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; defines and requires establishment by electric cooperatives and utilities.	Passed House; in Senate Commerce and Labor.
134.	HB 1647	Electric utility regulation and renewable power; adding several stipulations regarding third-party sales agreements, public generating facilities, etc.	Passed House; in Senate Commerce and Labor.
135.	HB 1664	Offshore wind development; stipulations for facilities located in federal waters to be deemed in public interest. Companion bill is SB 860 (#146 below).	Passed House; in Senate Commerce and Labor.
136.	HB 1677	Electric utility regulation; allowing for retail customer choice. See similar SB 842 (#145 below).	Continued to 2021 in House Labor and Commerce.
137.	HB 1707	Clean Energy Advisory Board; authorized to administer any public power renewable grant program.	Passed House; in Senate ACNR
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	Distributed electric generation; allowing shared solar programs.	Passed Senate; in House Labor and Commerce.
141.	SB 632	Public utilities; energy storage capacity in the Commonwealth.	Passed Senate; in House Labor and Commerce.
142.	SB 634	Alternative and efficient energies; subsidies and rebates.	Passed Senate; 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 Senate; in House Commerce and Labor
144.	SB 784	Transmission lines; relocation and undergrounding.	Failed in Senate Commerce and Labor.
145.	SB 842	Electric energy; allowing for retail customer choice. See HB 1677 (#132 above).	Continued to 2021 in Senate Commerce and Labor.
146.	SB 851	Electric utility regulation; environmental goals – including replacing the existing voluntary renewable energy portfolio standard (RPS) program with a mandatory RPS program. See similar HB 1451 (#130 above) and HB 1526 (#47 above).	Passed Senate; in House Labor and Commerce.
147.	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 Senate; in House Labor and Commerce.
148.	SB 1093	Surface mineral mines; authorizes a locality to regulate certain aspects.	Failed in Senate ACNR.

WASTE DISPOSAL

149.	HB 1038	Solid waste management facilities; prohibiting permit for landfill with capacity of more than 35 million tons.	Continued to 2021 in House ACNR.
150.	HB 1352	Solid waste disposal; unpermitted sites and open dumps, regulation and cleanup.	Passed House; reported from Senate ACNR.

WATER AND SEWER SYSTEMS

151.	HB 1585	Altavista, Town of; discounted water and sewer fees.	Passed House and Senate.
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WATERS OF THE STATE, PORTS AND HARBORS

Bills on State Scenic River Designations

152.	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 (#159 below).	Passed House and Senate.
153.	HB 282	Maury River; designating a 19.25-mile segment for addition to the Virginia Scenic Rivers System. Companion bill is SB 288 (#158 below).	Passed House; reported from Senate ACNR.
154.	HB 1145	Pound River; designating a 17-mile segment in Wise and Dickenson counties for addition to the Virginia Scenic Rivers System.	Passed House; reported from Senate ACNR.
155.	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 House; reported from Senate ACNR.
156.	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 House; reported from Senate ACNR.
157.	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 (#160 below).	Passed House; reported from Senate ACNR.
158.	SB 288	Maury River; designating a 19.25-mile segment for addition to the Virginia Scenic Rivers System. Companion bill is HB 282 (#153 above).	Passed Senate; reported from House ACNR.
159.	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 (#152 above).	Passed Senate; reported from House ACNR.
160.	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 (#157 above).	Reported from Senate ACNR.

Other Waters of the State, Ports and Harbors Bills

161.	HB 504	Chesapeake Bay Preservation Areas; preservation of mature trees.	Passed House; reported from Senate ACNR.
162.	HB 542	Regional water resource planning; changes to SWCB regulations.	Passed House; in Senate ACNR
163.	HB 643	Pipeline construction; changes to certification requirements, including minimum diameter.	Passed House; passed by indefinitely in Senate ACNR.
164.	HB 644	Pipeline construction projects; water quality violations, cumulative effect, civil penalties.	Passed House; passed by indefinitely in Senate ACNR.
165.	HB 646	Pipeline construction permit; amount of civil penalty for violation.	Passed House; reported from Senate ACNR.

166.	HB 859	Stormwater management facilities; disclosure requirements for private residential lots.	Passed House; reported from Senate ACNR.
167.	HB 882	Stormwater management; concerning reciprocity of certification of best management practices.	Passed House; reported from Senate ACNR.
168.	HB 1205	Discharge of deleterious substance into state waters; making several changes to required notice.	Passed House; reported from Senate ACNR; in Senate Finance and Appropriations.
169.	HB 1329	Chesapeake Bay Resource Protection Areas; local ordinances; penalties.	Passed House; in Senate ACNR.
170.	HB 1364	Chesapeake Bay Resource Protection Areas; criteria for improvement plans, including use of native plants.	Continued to 2021 in House ACNR.
171.	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.
172.	HB 1454	Erosion and sediment control, stormwater, and Chesapeake Bay preservation laws; consolidation.	Failed in House ACNR (stricken from docket).
173.	HB 1458	Water protection permits; adding provisions regulating administrative withdrawal of application.	Passed House; in Senate ACNR.
174.	HB 1464	Nutrient credit usage; local authority to impose restrictions.	Continued to 2021 in House ACNR.
175.	HB 1571	Elizabeth River Crossings (company managing tunnels between Norfolk and Portsmouth); termination of VDOT contract with the company.	Failed in House Transportation.
176.	HB 1609	Nutrient and sediment credit use; allowing wastewater utility to use credits from its own facilities for land-disturbing activity by the utility.	Passed House; in Senate ACNR.
177.	HB 1674	Eastern Virginia Groundwater Management Area; provisional surface water withdrawal permit allowed if no end user identified.	Passed House; in Senate ACNR.
178.	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.
179.	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.
180.	HJ 61	Offshore oil and gas exploration; opposing exploration and drilling off the coast of Virginia. See related HB 706 (above).	Failed in House Rules.
181.	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.
182.	SB 673	Nonagricultural irrigation wells; prohibiting such wells outside surficial aquifer.	Passed Senate; reported from House ACNR.
183.	SB 679	Eastern Virginia Groundwater Management Advisory Committee; re-establishment after its January 2018 expiration.	Passed Senate; reported from House ACNR.

184.	SB 747	Nutrient and sediment credit generation and transfer; limiting certain transfers to credits generated by the private sector.	Passed Senate; reported from House ACNR.
185.	SB 843	Stormwater and erosion and sediment control; acceptance of plans in lieu of plan review if activity determined to be minimal.	Passed Senate; in House ACNR.
186.	SB 1007	Stormwater management; required frequency of inspections for wet-pond best management practices (BMPs).	Passed Senate; in House ACNR.
187.	SB 106	Hydraulic fracturing for oil or gas; prohibiting any wells for that purpose in state-declared groundwater management areas.	Passed Senate; in House ACNR.
188.	SB 1064	Combined sewer overflow (CSO) outfalls; requiring DEQ to identify owner of CSOs in James River watershed and determine what compliance actions are needed.	Passed Senate; in House ACNR.

BILLS FROM MISCELLANEOUS LIS CATEGORIES

The following bills were identified by Virginia Association of Soil and Water Conservation Districts February 4, 2020, report and were added to this inventory on 2/19/20.

189.	HB 24	Hurricane and Flooding Risk Reduction and Bond Rating Protection Act of 2020; report.	Failed in House ACNR.
190.	HB 389	Hurricane and Flooding Risk Reduction and Bond Rating Protection Act of 2020; report.	Continued to 2021 in House ACNR.
191.	HB 414	Virginia Energy Plan; covenants regarding solar power; reasonable restrictions.	Passed House; in Senate ACNR.
192.	HB 520	Tree planting as land cover type, best management practice; stakeholder advisory group.	Passed House; in Senate ACNR.
193.	HB 640	Product safety; liquid container containing bisphenol A; fund; civil penalty.	Failed in House ACNR.
194.	HB 656	Solar energy projects; national standards.	Passed House and Senate.
195.	HB 657	Comprehensive plan; solar facilities review	Passed House; in Senate Local Government.
196.	HB 704	Environmental justice; state agency policy, Virginia Council on Environmental Justice established.	Passed House; reported from Senate ACNR.
197.	HB 714	Virginia Energy Plan; climate change pressing challenge	Passed House; in Senate Commerce and Labor.
198.	HB 912	Distributed renewable energy; promotes establishment of solar and other renewable energy.	Incorporated into HB 572 (see above in Energy category).
199.	HB 1016	Offshore energy resources; moratorium on offshore oil and gas development.	Incorporated into HB 706 (see above in Waters of the State category).
200.	HB 1128	Discharge of deleterious substance into state waters; notice.	Incorporated into HB 1205 (see above)

			in Waters of the State category).
201.	HB 1308	Stormwater management; grandfathered land-disturbing activities.	Failed in House ACNR.
202.	HB 1422	Chesapeake Bay Watershed Implementation Plan initiatives; nutrient management plans; stream exclusion. Companion bill is SB 704 (below).	Passed House; reported from Senate ACNR; in Senate Finance and Appropriations.
203.	HB 1497	Fertilizer contractor-applicator; application pursuant to nutrient management plan.	Continued to 2021 in House ACNR.
204.	HB 1639	Rural fill disposal; DEQ work group to research.	Passed House; in Senate Rules.
205.	HB 1652	Income tax, state and corporate; tax credit, agricultural best management practices.	Reported from House Finance; failed in House Appropriations.
206.	HB 1706	Pesticides; prohibits the manufacture, distribution, etc., for use of chlorpyrifos.	Continued to 2021 in House ACNR.
207.	SB 704	Chesapeake Bay Watershed Implementation Plan initiatives; nutrient management plans; stream exclusion. Companion bill is HB 1422 (above).	Passed Senate; substitute reported from House ACNR.
208.	SB 795	Offshore drilling; prohibition on leases; policy.	Passed Senate; substitute reported from House ACNR.
209.	SB 1067	Regulation of stormwater; airports.	Failed in Senate ACNR (stricken at request of patron).

SOME PARTICULARLY NOTEWORTHY BILLS

The following bills, repeated from the previous tables, seem to be of particular significance.

HB 22	Virginia Shoreline Resiliency Fund (original bill) - amended bill: Virginia Community Flood Preparedness Fund.	Passed House; reported from Senate ACNR; in Senate Finance and Appropriations.
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.
HB 234	Division of Offshore Wind established.	Passed House; in Senate Finance and Appropriations.
HB 542	Regional water resource planning; changes to SWCB regulations.	Passed House; in Senate ACNR
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; in Senate ACNR.
HB 572	Distributed renewable energy; promoting its establishment.	Passed House; in Senate Commerce and Labor.

HB 643	Pipeline construction; changes to certification requirements, including minimum diameter.	Passed House; passed by indefinitely in Senate ACNR.
HB 644	Pipeline construction projects; water quality violations, cumulative effect, civil penalties.	Passed House; passed by indefinitely in Senate ACNR.
HB 646	Pipeline construction permit; amount of civil penalty for violation.	Passed House; reported from Senate ACNR.
HB 705	State air, waste, and water boards; transferring permit authority to the DEQ and changing boards' membership.	Continued to 2021 in House ACNR.
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.
HB 981	Clean Energy and Community Flood Preparedness Act; involving a carbon allowance program that would fund coastal flooding preparedness.	Passed House; reported from Senate ACNR; in Senate Finance and Appropriations.
HB 1162	DEQ policy goals; adding promotion of environmental justice.	Passed House; reported from Senate ACNR.
HB 1257	PFOA, PFOS, and PFAS in drinking water supplies; establishing regulations for maximum contaminant levels.	Passed House; in Senate Education and Health.
HB 1526	Virginia Clean Economy Act; replacing existing voluntary renewable energy portfolio system (RPS) program with a mandatory RPS that applies to electric utilities and licensed competitive suppliers. See similar HB 1451 (#130) and SB 876 (#147).	Passed House; in Senate Commerce and Labor.
SB 320	Virginia Community Flood Preparedness Fund (change from Virginia Shoreline Resiliency Fund); low-income loans, forgiveness of principal. See similar HB 22 (#26).	Passed Senate.
SB 791	Menhaden fishery; regulatory authority under VMRC. This bill incorporated five other Senate bills (SB 157, SB 194, SB 357, SB 402, and SB 1054. Companion bill is HB 1448 (#77 above).	Passed Senate; reported from House ACNR.
SB 851	Electric utility regulation; environmental goals – including replacing the existing voluntary renewable energy portfolio standard (RPS) program with a mandatory RPS program. See similar HB 1451 (#130 above) and HB 1526 (#47 above).	Passed Senate; in House Labor and Commerce.
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 Senate; in House Labor and Commerce.