

Sources: Shore Drinking Water – A Most Valuable Resource

Sources for the March 2024 *ShoreLine* article, “Shore Drinking Water – A Most Valuable Resource,” are provided below. Copies of these sources can be sent by email upon request.

¹ McMillan B. Our Eastern Shore groundwater. Part I. Where is the groundwater and how much is there? June 2010. <https://www.a-npdc.org/groundwater/ES%20GW%20Workshop%20Jun10%20sml.pdf>.

² USGS Virginia and West Virginia Water Science Center. Virginia Eastern Shore groundwater resources. USGS, March 16, 2021. <https://www.usgs.gov/centers/virginia-and-west-virginia-water-science-center/science/virginia-eastern-shore-groundwater>

³ Arcadis Design and Consultancy. Summary: Virginia Eastern Shore Model (VAHYDROGW-ES) 2022-2023 simulation of potentiometric groundwater surface elevations of reported and total permitted use. February 2024. Presented to the Eastern Shore of Virginia Ground Water Committee, February 20, 2024, meeting.

⁴ McMillan B. Email communication to Eric Seavey, DEQ Central Office re: Cherrystone Campground groundwater withdrawal permit application. Provided to Eastern Shore of Virginia Ground Water Committee, October 17, 2023, meeting.

⁵ Vaughn C. Poultry growers would get incentive to use alternative water source with Virginia bill. The Daily Times, Jan. 31, 2019. <https://www.delmarvanow.com/story/news/2019/01/31/bill-encourage-alternate-water-source-use-va-shore-moves-ahead/2723089002/>

⁶ McMillan B. Our Eastern Shore groundwater. Part I. Where is the groundwater and how much is there? June 2010. <https://www.a-npdc.org/groundwater/ES%20GW%20Workshop%20Jun10%20sml.pdf>.

⁷ Virginia Department of Environmental Quality. Ground water. <https://www.deq.virginia.gov/permits/water/water-withdrawal/ground-water> (accessed Feb. 24, 2024).

⁸ Eastern Shore of Virginia Ground Water Committee and Virginia Department of Environmental Quality, Office of Water Withdrawal Permitting.

⁹ McMillan B. Our Eastern Shore groundwater. Part I. Where is the groundwater and how much is there? June 2010. <https://www.a-npdc.org/groundwater/ES%20GW%20Workshop%20Jun10%20sml.pdf>.

¹⁰ Richardson DL. Ground-water concerns for the Eastern Shore, Virginia. USGS Water-Resources Notes, Open-File Report 93-93, 1993. <https://pubs.usgs.gov/publication/ofr9393>

¹¹ Accomack-Northampton Planning District Commission and the Eastern Shore of Virginia Ground Water Committee. Eastern Shore of Virginia groundwater resource protection and preservation plan, Section 1.1.1. A-NPDC, Dec. 2013. <https://www.a-npdc.org/wp-content/uploads/2016/05/ESVAGroundwaterResourceProtectionAndPreservationPlan2013compress.pdf>

¹² USGS Water Resources Mission Area. Saltwater intrusion. USGS, March 2, 2019. <https://www.usgs.gov/mission-areas/water-resources/science/saltwater-intrusion>.

¹³ Eastern Shore of Virginia Ground Water Committee. Potential for saltwater intrusion summary, Eastern Shore of Virginia. https://www.esvaplan.org/wp-content/uploads/2022/03/Saltwater_Intrusion-.pdf (accessed Feb. 24, 2024).

¹⁴ Fountain H. The world can make more water from the sea, but at what cost? The New York Times, Oct. 22, 2019. <https://www.nytimes.com/2019/10/22/climate/desalination-water-climate-change.html>