



# A-NPDC

ACCOMACK-NORTHAMPTON PLANNING DISTRICT COMMISSION  
P.O. BOX 417 • 23322 FRONT STREET • ACCOMACK, VIRGINIA 23001  
(757) 787-2936 • TOLL FREE (866) 787-3001 • FAX: (757) 787-4221  
WEBSITE: www.a-npdc.org

## Minutes of the June 18, 2024 Meeting

### Eastern Shore of Virginia Ground Water Committee

The meeting of the Eastern Shore of Virginia Ground Water Committee was held at 10:00 A.M. on Tuesday, June 18, 2024. It was held in the hybrid format - virtually on the ZOOM Platform and in person at the Eastern Shore Chamber of Commerce's board room in Melfa, Virginia.

<u>Member's Present</u>	<u>Member's Absent</u>	<u>Others Present</u>
John Coker, Chairman	Mike Mason	Kellen Singleton / A-NPDC
Calvin Washington Sr. / Vice Chairman	Steve Sturgis	Curtis Consolvo / Geo Resources *
Paul Grossman		Joseph Betit
Daniel Hershey		Britt McMillan / ARCADIS
Sue Mastyl		Faith Lewis / A-NPDC
Charles Kolakowski *		William Savage *
Ann Hayward Walker		Mr. Bill *
Grayson Chesser		Eric Seavey *
Elaine Meil		Sam Caldwell / USGS *
		Weedon Cloe / DEQ /Office of Water Supply *

*\*Signifies Zoom participation*



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## 1. Call to Order

Chairman Coker called the meeting to order at 10:03 a.m.

## 2. Public Participation

Joseph Betit, Earth Systems Management, reported to the committee they had devices which performed mapping in shallow water. It had worked on twelve hundred acres including shallow oyster reefs on Burtons Bay, the Seagrass project. They can cover 80 acres in four hours. It is designed for working in difficult environments.

The committee discussed the wordage to use when explaining the number of gallons of recharge from the groundwater model. GWC Advisor Britt McMillan commented that using a million gallons a day is unmeaningful. Using a percentage is more meaningful.

Curtis Consolvo from Geo Resources showed the committee a tool for a map showing Water Level Trends. This model could be used to say as of today this is the information. This would be easy for anyone to understand.

Sam Caldwell from USGS also gave the committee two tools or website links showing Groundwater Level Observation Wells. The first site you can search by specific wells of the Eastern Shore. After selecting the particular location you can find additional information specific to that site. The second site was the Groundwater Level observation Wells. The committee asked for the website links to be sent to them after the meeting and to be stated in the minutes. Discussion ensued regarding this subject. These are the two links listed below.

### USGS Monitoring Virginia Eastern Shore Groundwater Conditions

<https://va.water.usgs.gov/webmap/groundwater-wells-es/>

### USGS Virginia and West Virginia Groundwater Levels and Trends

<https://rconnect.usgs.gov/vawv-groundwater/>

## 3. Minutes of the May 21, 2024 Meeting

Adoption of the minutes for May 21, 2024, were requested.

Member Grossman noted the slight correction of himself being present for the March 19, 2024 meeting. The Eastern Shore of VA Ground Water Committee FY2024 Attendance Record will be corrected. With the above correction Member Grossman moved to approve the minutes of the May 21, 2024, meeting as presented. It was seconded by Member Mastyl, the motion was carried by unanimous vote.

## 4. May Financial Status Report

The May Financial Status Report was presented. Discussion ensued. The committee requested all members to review the current plan and it will be discussed at length in the September meeting. This was put on hold until later in the meeting when discussing the Residential Well Testing Program. A budget amendment



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was agreed upon for the Residential Well Testing Program. Ms. Meil will review the budget with Ms. Taylor, and will clarify any changes that need to be made with the current activity and bills payable.

Member Grossman moved to approve the May Financial Status Report as presented. It was seconded by Member Hershey. The motion was carried by unanimous vote.

## 5. June 18, 2024 Staff Report

### Environmental Reviews and Permits:

**Public Comment Period:** 05/22/2024 - 06/21/2024

**Name, Address, and Permit Number of Application:** Accomack County Public Works Department, 24401 Joynes Neck Road, Accomack, VA 23301; **Permit No.** VA0091529

**Name and Address of Facility:** Accomack County Leachate Treatment Facility, 9397 Cutler Road, Atlantic, VA 23303

**Project Description:** Accomack County has applied for the reissuance of a permit for the discharge of treated industrial wastewater and domestic septage from the operation of the Accomack County North Landfill. The discharge has a design flow of 0.023 million gallons per day (MGD). The facility proposes to release the treated, disinfected industrial wastewater into Assawoman Creek in the Chesapeake Bay, Atlantic and Small Coastal watershed. A watershed is the land area drained by a river and its incoming streams. The permit will limit the following pollutants to amounts that protect water quality: bacteria, nutrients, organic matter, physical and chemical properties, solids, metals, inorganics, organics, and flow. Generated sludge is pumped and hauled by a septage hauler to Pocomoke City, Maryland.

**Public Comment Period:** 05/08/2024 - 06/07/2024

**Name, Address, and Permit Number of Application:** Shore Healthcare Group, LLC; 23700 Commerce Park; Beachwood, Ohio 44122; **Permit No.** VA0063606

**Name and Address of Facility:** Shore Health and Rehabilitation Center; 26181 Parksley Road, Parksley, VA 23421

**Project Description:** Shore Healthcare Group, LLC, has applied to the Department of Environmental Quality (DEQ) for the reissuance of a permit for treated domestic wastewater in Parksley, VA. The applicant proposes to discharge treated sewage from a Rehabilitation Center / assisted living facility. The applicant proposes to discharge at a design flow rate of .02 million gallons per day (MGD) into the North Fork of Parker Creek to Metompkin Bay in the Chesapeake Bay, Atlantic Ocean and Small Coastal watershed. A watershed is the land area drained by a river and its incoming streams. The permit will limit physical and chemical properties, bacteria, nutrients, organic matter, solids, inorganics, and flow to amounts that protect water quality; sludge that is generated will be pumped and hauled to the City of Pocomoke Wastewater Treatment Plant in Pocomoke, Maryland.



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## VA Pollutant Discharge Elimination System Program:

- Domestic Sewage Discharges of Less than or Equal to 1,000 Gallons per Day (VAG40)
- Seafood Processing Facilities (VAG52)
- Remediation of Contaminated Sites and Hydrostatic Tests (VAG83)
- Discharges of Stormwater Associated with Industrial Activity (VAR05)
- Non-Metallic Mineral Mining (VAG84)
- Concentrated Animal Feeding Operations (VAG01)
- Concrete Products Facilities (VAG11)
- Vehicle Wash and Laundry Facilities (VAG75)
- Non-Contact Cooling Water Discharges (VAG25)
- Pesticides Discharges (VAG87)
- Watershed Permit for Total Nitrogen and Total Phosphorus Discharges and Nutrient Trading in the Chesapeake Bay Watershed (VAN00)
- Potable Water Treatment Plants (VAG64)
- Municipal Separate Storm Sewer Systems (MS4) (VAR04)
- Fundraising Car Wash Guidelines

For details please see:

<https://www.deq.virginia.gov/permits/water/surface-waters-vpdes>

## VA Pollution Abatement Program:

Facility	Permit Number	City / County	Permit Action	DEQ Admin Office	Application Received	Application Complete	Draft Permit Sent to Owner
Perdue Foods LLC - Accomack	VPA01076	Accomack County	Reissuance	Tidewater	09/09/2022		
Atlantic Town Center Clean Water Plant	VPA01080	Accomack County	Issuance	Tidewater	04/11/2011		
Kuzzens Incorporated	VPA01047	Northampton County	Reissuance	Tidewater	02/28/2022	05/27/2022	
Accomack County Leachate Treatment Facility	VPA01079	Accomack County	Reissuance	Tidewater	12/11/2020	01/20/2021	
Tyson Farms Inc - Temperanceville	VPA01035	Accomack County	Reissuance	Tidewater	10/06/2020	05/12/2021	



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## Consent/Enforcement Orders:

N/A

## Groundwater Withdrawal Permits:

### **Groundwater Withdrawal in Accomack County, Virginia - GWI000206**

Applicant name, address and permit number: Eastern Shore Yacht and Country Club; GWI000206

Application Made 5/15/24

Target Decision: 1/25/25

For details please see:

<https://www.deq.virginia.gov/permits/public-notices/water/water-withdrawal>

<u>Date and Time</u>		<u>Meeting Title</u>	<u>Organization</u>
<u>Jun-25 2024</u> <u>(Tues)</u>	<u>10:00</u> <u>am</u>	State Water Control Board Meeting	State Water Control Board
<u>Jul-10 2024</u> <u>(Wed)</u>	<u>11:00</u> <u>am</u>	Public Hearing - Proposed amendments to the Virginia Water Protection Permit Program Regulation (9VAC25-210) and the Groundwater Withdrawal Regulations (9VAC25-610)	State Water Control Board

For details please see:

<https://townhall.virginia.gov/L/meetings.cfm>

## **Old Business:**

GWC advisor Britt McMillan drafted and delivered a Public Comment concerning Hermitage Farms. It was attached to the packet. Also the DEQ responses to GWC Comments.

Ish Farm Draft Permit GW0059900 (GWI000683) were received via email by staff, members, and advisors on May 23, 2024.

Hermitage Farms Nursery Draft Permit GW0068901 (GWI000343) were received via email by staff, members, and advisors on June 6, 2024.

## **New Business:**

None



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## 6. Residential Well Testing Program

Attached to the packet was a copy of the draft for Additional Services Work Authorization Residential Water Well Testing Program for FY2024. The agreement is between Arcadis U.S. Inc. (Arcadis) and Accomack-Norhampton Planning District Commission (Client). There will be 140 tests to be spread between both the Accomack and Northampton County areas. Staffing is of great importance and need. It will require staff from the Ground Water committee as well as the A-NPDC.

Ms. Meil explained to the committee if they agreed to proceed and execute the agreement the change order would cost \$55,000. The committee will need to adopt a budget amendment to pay for the change order. Member Meil recommended using the FY23 Groundwater Plan Project Implementation which is \$44,847. This amount will be moved into the FY24 budget. The remaining funding for this change order will come from the FY24 Groundwater Plan Project Implementation. Additional funds from FY24 will be used to support the GWC portion of the change order with needed supplies, courier services to Richmond, VA, and manpower.

Maps of all portions of the counties were provided to the committee members to start discussion. There should be approximately 50 tests to be used in Northampton County and 90 tests to be used in Accomack County. The wells would need to be identified and the location of the tap. Permission slips would need to be signed. Discussion ensued.

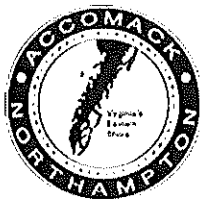
During the August meeting we will determine the location and the exact date of the testing. We will also draft / update the Groundwater 101 Fact Sheet for Residential Use. This could be handed out to the places tested. The ad needs to be completed and available to be published in July 2024.

Member Mastyl made the motion to execute the Arcadis agreement change order and budget amendment. It was seconded by Member Walker. The motion was carried unanimously by vote.

## 7. June 18, 2024 Groundwater Consultant Report

GWC Advisor McMillan referred to the Virginia Landing / Upshur Neck permit (GWI000223) submitted. This is for a renewed permit for an existing groundwater withdrawal. The current permit was issued 01/01/2014 and expired on 12/31/2023 and has been administratively continued. This does have saltwater intrusion. The current permit withdrawal was 6,000,000 gallons per year and 1,580,000 gallons per month. The draft permit is requesting the same amount. The groundwater is for potable water for both year round and transient seasonal campground lots. The water is used for domestic use and not irrigation.

There is a potential for saltwater intrusion resulting from the withdrawal. Most of any of the saltwater intrusion (upconing) due to the withdrawal has likely already occurred. Any future change in the chloride levels is more likely due to increased use to the west and impacting the middle and lower Yorktown-Eastover Aquifer.



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There are three wells. It has been approximately over 20 years since the three wells have been sampled. The current concentrations are unknown. GWC Advisor McMillan suggested samples be taken periodically and submitted to the Virginia Chloride Monitoring Network.

Member Grossman made a motion for the VA Chloride Monitoring Network to expand the testing area to better include the Eastern Shore and to advise feedback. It was seconded by Member Walker. The motion was carried unanimously by vote.

### 8. Attachments

### 9. Scheduled Next Meeting

The next scheduled meeting for the Ground Water Committee will be held on Tuesday, August 20, 2024, at 10:00 a.m. - 12:00 p.m. The meeting will be held at the Eastern Shore Chamber of Commerce's Board Room in Melfa, Virginia.

### 10. Adjournment

Member Grossman made the motion to adjourn. It was seconded by Member Walker, the motion was carried by unanimous vote.

The meeting was adjourned at 12:05 p.m.

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John Coker, Chairman

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Elaine K. N. Meil, Secretary/Treasurer