



Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

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Travis A. Voyles
Acting Secretary of Natural and Historic Resources

Michael S. Rolband, PE, PWD, PWS Emeritus
Director
(804) 698-4020

June 1, 2022

RE: Local Government Notification of Proposed Draft Groundwater Withdrawal Permit

Dear Local Official:

The Department of Environmental Quality has received an application to withdraw groundwater in the Eastern Virginia Groundwater Management Area. Part V. of the Groundwater Withdrawal Regulations requires that the Department of Environmental Quality send a notice of every draft permit to the board of each local governing body located within the groundwater management area where the proposed withdrawal will occur prior to the date of public notice.

In accordance with section 9VAC25-610-250 B, please find the attached notice that will be advertised in the Virginia Gazette on June 4, 2022. The notice and associated map will be available on the DEQ website by the start of the Public Notice period. Additional information on the permit application may be obtained by contacting me.

The Department will accept comments concerning the proposed issuance of this draft permit for thirty days. All comments must be received by July 5, 2022.

Sincerely,

A handwritten signature in black ink, appearing to read "Laura Galli".

Laura Galli
Groundwater Withdrawal Permitting Team Lead
Office of Water Supply

Public Notice – Environmental Permit

PURPOSE OF NOTICE: To seek public comment on a draft permit from the Department of Environmental Quality for the withdrawal of groundwater in James City County, Virginia.

PUBLIC COMMENT PERIOD: June 4, 2022 to July 5, 2022.

PERMIT NAME: Groundwater Withdrawal Permit issued by DEQ, under the authority of the State Water Control Board

APPLICANT NAME, ADDRESS AND PERMIT NUMBER: James City Service Authority, 119 Tewning Rd., Williamsburg, VA 23188, GW0052001

NAME AND LOCATION OF WATER WITHDRAWAL: Westport – Ford’s Colony Section XXXV; 4891 Centerville Road, Williamsburg, VA 23188

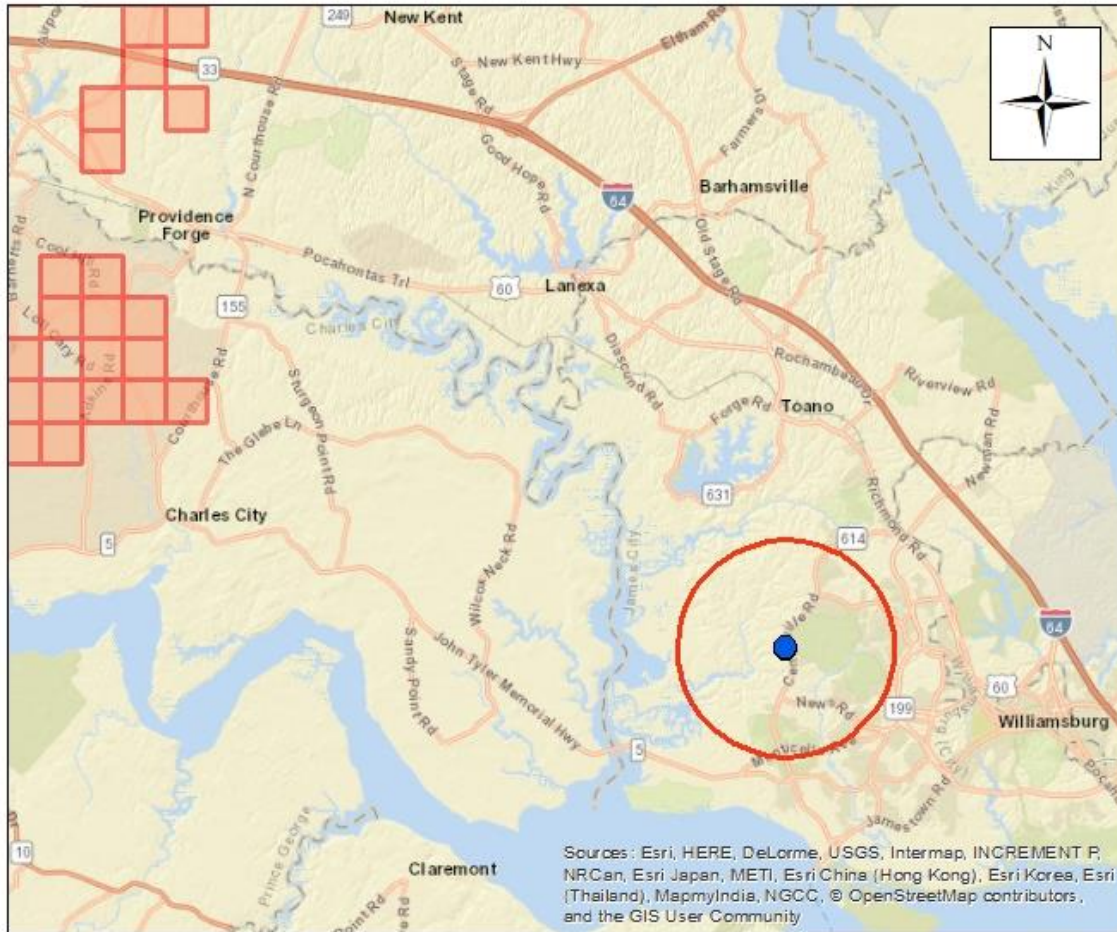
PROJECT DESCRIPTION: James City Service Authority has applied for a reissuance of a permit for groundwater withdrawal in James City County, Virginia. The permit would authorize the applicant a groundwater withdrawal that shall not exceed 9,400,000 gallons per year and 1,500,000 gallons per month. The groundwater withdrawal will provide domestic and irrigation water to the Westport – Ford’s Colony Section XXXV subdivision. The proposed withdrawal will utilize the Piney Point aquifer at a depth between 205 feet to 265 feet below the land surface at the withdrawal site. An aquifer is a body of rock or layer of sediment in the ground in which groundwater is stored and transported. DEQ has made a tentative decision to issue the permit.

AFFECTED AREA: The radial distance from the wells to where computer modeling predicts the aquifer may experience one foot of drawdown due to the withdrawal is illustrated on a map that can be viewed at <https://www.deq.virginia.gov/permits-regulations/public-notices/water/water-withdrawal>

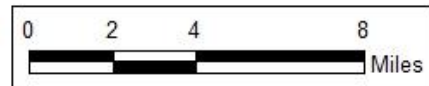
HOW TO COMMENT AND OR REQUEST A PUBLIC HEARING: DEQ accepts comments and requests for public hearing by e-mail, fax or postal mail. All comments and requests must be in writing and be received by DEQ during the comment period. Submittals must include the names, mailing addresses and telephone numbers of the commenter/requester and of all persons represented by the commenter/requester. A request for public hearing must also include: 1) The reason why a public hearing is requested. 2) A brief, informal statement regarding the nature and extent of the interest of the requester or of those represented by the requestor, including how and to what extent such interest would be directly and adversely affected by the permit. 3) Specific references, where possible, to terms and conditions of the permit with suggested revisions. DEQ may hold a public hearing, including another comment period, if public response is significant and there are substantial, disputed issues relevant to the proposed permit.

CONTACT FOR PUBLIC COMMENTS, DOCUMENT REQUESTS AND ADDITIONAL INFORMATION: Laura Galli, Central Office, 1111 East Main St. Suite 1400, Richmond, VA, 23218 Phone: (804) 573-5674; E-mail: laura.galli@deq.virginia.gov; FAX: (804) 698-4178. The public may review the draft permit and application at the DEQ office named above by request.

Westport - Fords Colony Area of Impact - Piney Point Aquifer



- Westport-Fords Colony Wells
- Piney Point AOI
- Piney Point Aquifer Critical Cells



Simulated drawdown at or exceeding one foot in the Piney Point aquifer resulting from a 2-dimensional Theis (1935) simulation of 50 years at 9,400,000 gallons per year from the Piney Point aquifer.

Maximum radius of one-foot drawdown (Area of Impact) occurs 2.6 miles from the pumping center.

Technical Evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Water Supply Planning May 17, 2022

