



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

July 26, 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 Sussex Surry Dispatch on July 27, 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 August 29, 2022.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Eric Seavey'.

Eric Seavey
Water Withdrawal Permit Writer
Office of Water Supply
Water Withdrawal Permitting & Compliance

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 the Town of Waverly, Virginia.

PUBLIC COMMENT PERIOD: July 28, 2022 to August 29, 2022

PERMIT NAME: Groundwater Withdrawal Permit issued by DEQ pursuant to applicable water laws and regulations,

APPLICANT NAME, ADDRESS AND PERMIT NUMBER: Atlantic Waste Disposal, Inc.; 3474 Atlantic Lane, Waverly, VA 23890; GW0022900

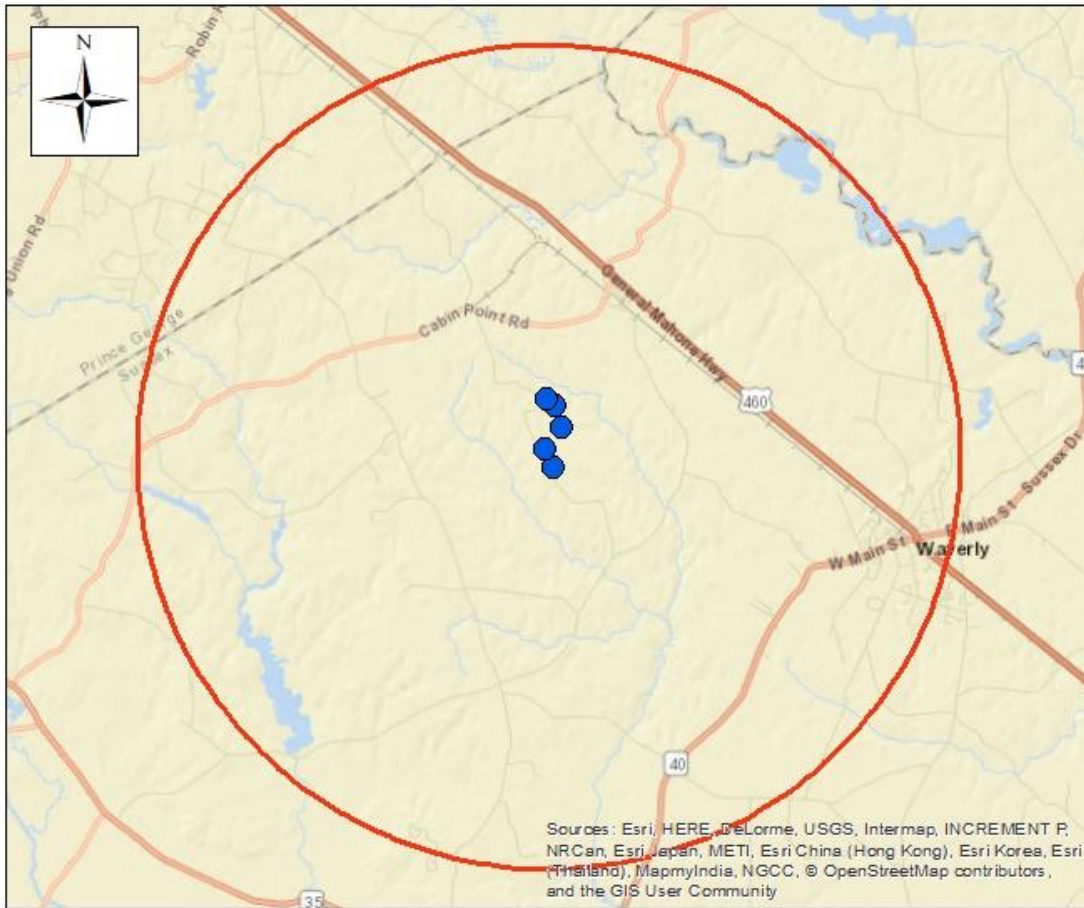
NAME AND LOCATION OF WATER WITHDRAWAL: Atlantic Waste Disposal Landfill; 3474 Atlantic Lane, Waverly, VA 23890

PROJECT DESCRIPTION: Atlantic Waste Disposal, Inc. has applied for a reissuance of a permit for the Atlantic Waste Disposal Landfill in Waverly, Virginia. The permit would authorize the applicant a groundwater withdrawal that shall not exceed 230,400,000 gallons per year and 50,000,000 gallons per month. The groundwater withdrawal will support construction dewatering activities at the landfill. The proposed withdrawal will utilize the Columbia and Yorktown-Eastover aquifers at a depth no greater than 90 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 or email addresses 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:** Joseph Grist; Central Office, P.O. Box 1105, Richmond, VA, 23218; Phone: 804-698-4031; E-mail: joseph.grist@deq.virginia.gov; FAX: 804-698-4178. The public may review the draft permit and application at the DEQ office named above {by appointment}.

Atlantic Waste Disposal Landfill Area of Impact - Columbia Aquifer



- Atlantic Waste Disposal Landfill Wells
- Columbia AOI

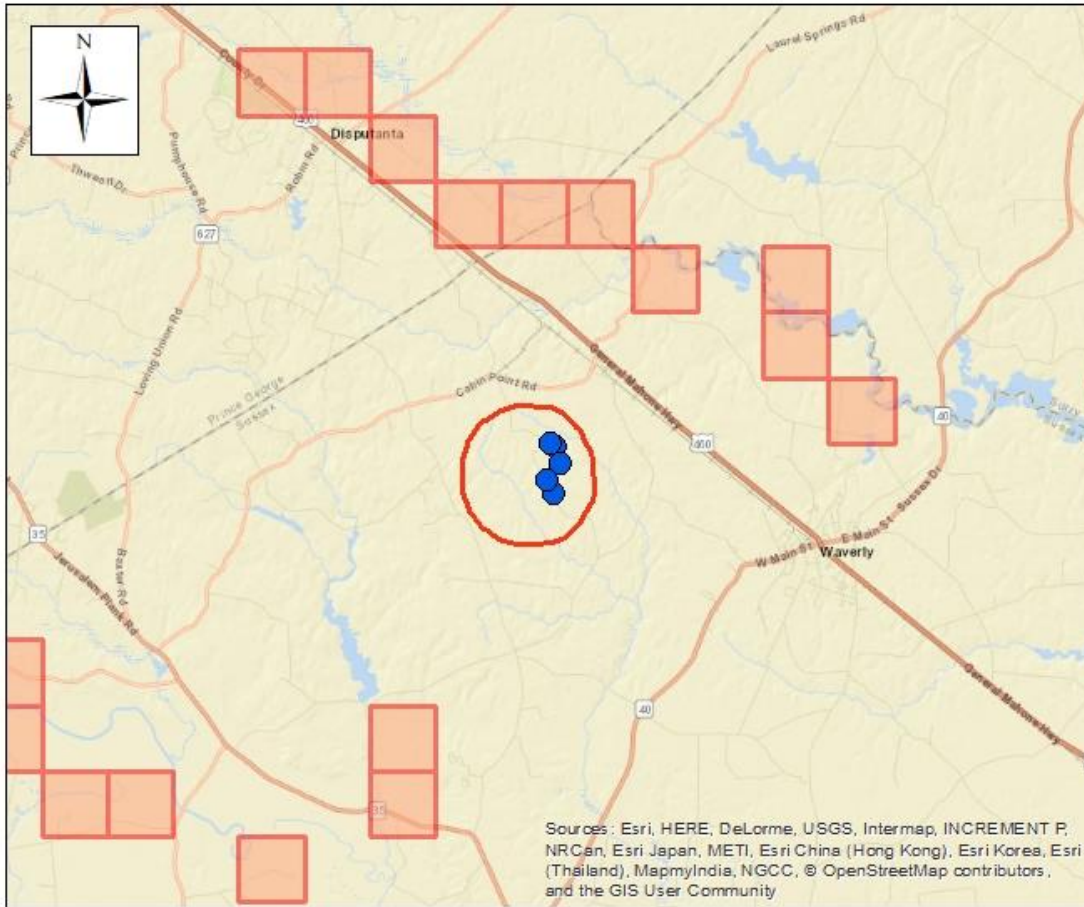


Simulated drawdown at or exceeding one foot in the Columbia aquifer resulting from a 2-dimensional Neuman simulation of 12.5 years varying from 50,220,000 to 227,730,000 gallons per year (as described in the "Production Schedule, Volumes, and Locations" table) from the Columbia aquifer. Maximum radius of one-foot drawdown (Area of Impact) occurs approximately 4.9 miles from the pumping center.

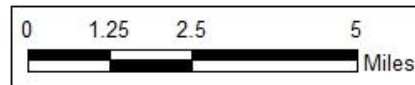
Technical Evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Water Supply Planning January 14, 2022



Atlantic Waste Disposal Landfill Area of Impact - Yorktown-Eastover Aquifer



- Atlantic Waste Disposal Landfill Wells
- Yorktown-Eastover AOI
- Yorktown-Eastover Aquifer Critical Cells



Simulated drawdown at or exceeding one foot in the Yorktown-Eastover aquifer of 12.5 years from a withdrawal of 2,640,000 gpy from the Yorktown-Eastover aquifer, a withdrawal varying from 50,220,000 to 227,730,000 gpy from the Columbia aquifer (as described in the "Production Schedule, Volumes, and Locations" table) using the VAHydroGW-VCPM. Maximum radius of one-foot drawdown (Area of Impact) occurs approximately 1.4 miles from the pumping center.

Technical Evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Water Supply Planning January 14, 2022

