

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 ground water in Exmore, Virginia.

**PUBLIC COMMENT PERIOD:** July 20, 2013 to August 19, 2013

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

**APPLICANT NAME, ADDRESS AND PERMIT NUMBER:** David's Nursery, LLC; 3339 Mount Hope Road Exmore, VA 23350; GW0069700

**NAME AND LOCATION OF WATER WITHDRAWAL:** David's Nursery, LLC; 3339 Mount Hope Road Exmore, VA 23350

**PROJECT DESCRIPTION:** David's Nursery, LLC has applied for reissuance of a permit for irrigation of nursery stock in Exmore, Virginia. The permit would allow the applicant to withdraw an average of 339,726 gallons per day. The ground water withdrawal will support the irrigation of nursery stock on David's Nursery's property. The proposed withdrawal will utilize the Upper Yorktown Eastover aquifer at a depth between 70 feet to 145 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 ground water is stored and transported. DEQ has made a tentative decision to issue the permit.

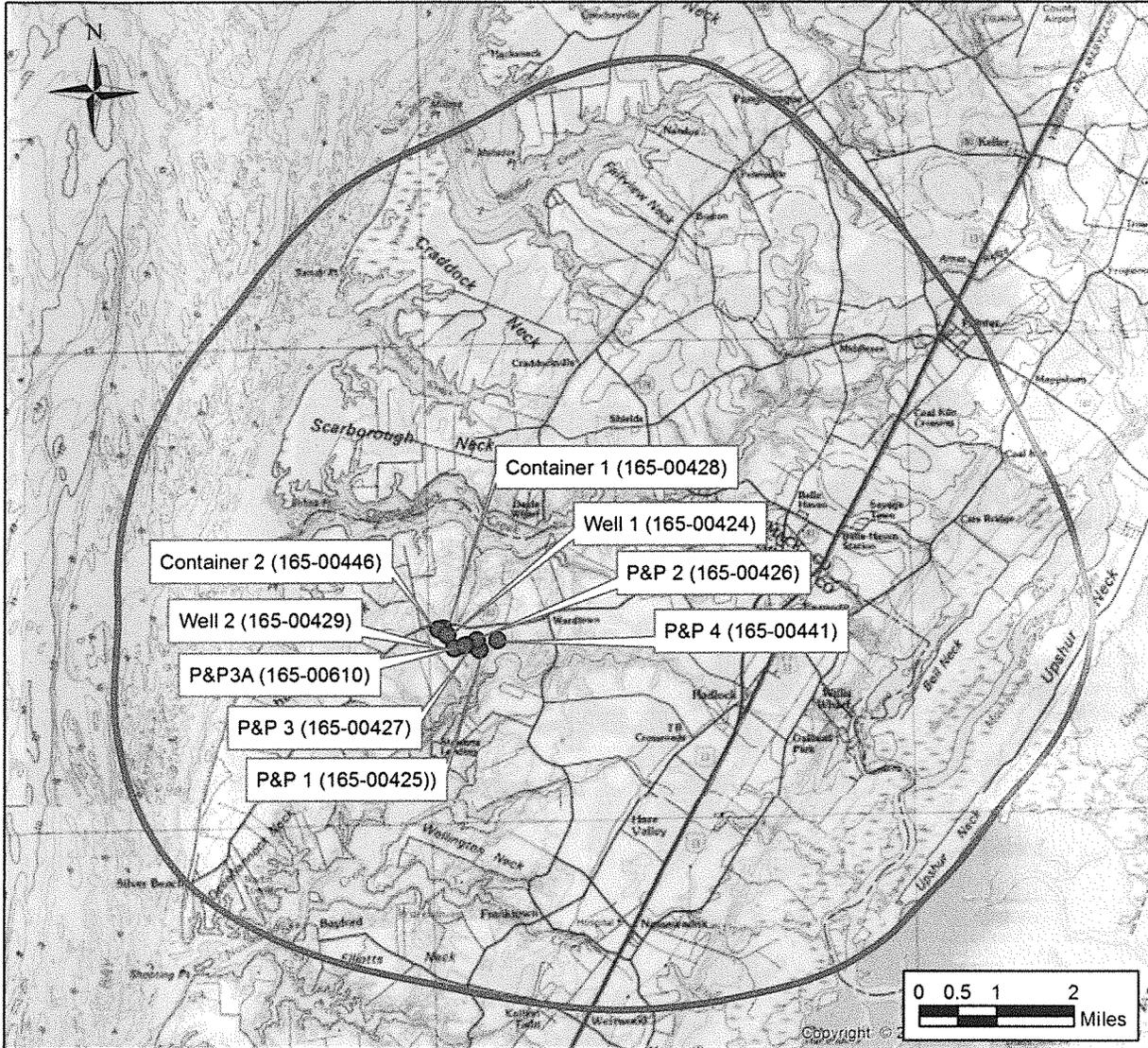
**AFFECTED AREA:** The radial distance from the wells to where computer modeling predicts the aquifers may experience one foot of drawdown due to the withdrawal is illustrated on map that can be viewed at

<http://www.deq.virginia.gov/Programs/Water/WaterSupplyWaterQuantity/GroundwaterPermitting/PublicNotices.aspx>

**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:** Hank Ghittino; 5636 Southern Blvd. Virginia Beach, VA, 23451; Phone: 757-518-2197; E-mail: [hank.ghittino@deq.virginia.gov](mailto:hank.ghittino@deq.virginia.gov); FAX: 757-518-2009. The public may review the draft permit and application at the DEQ Tidewater Regional Office by appointment.

# David's Nursery

## Area of Impact - Upper Yorktown-Eastover Aquifer



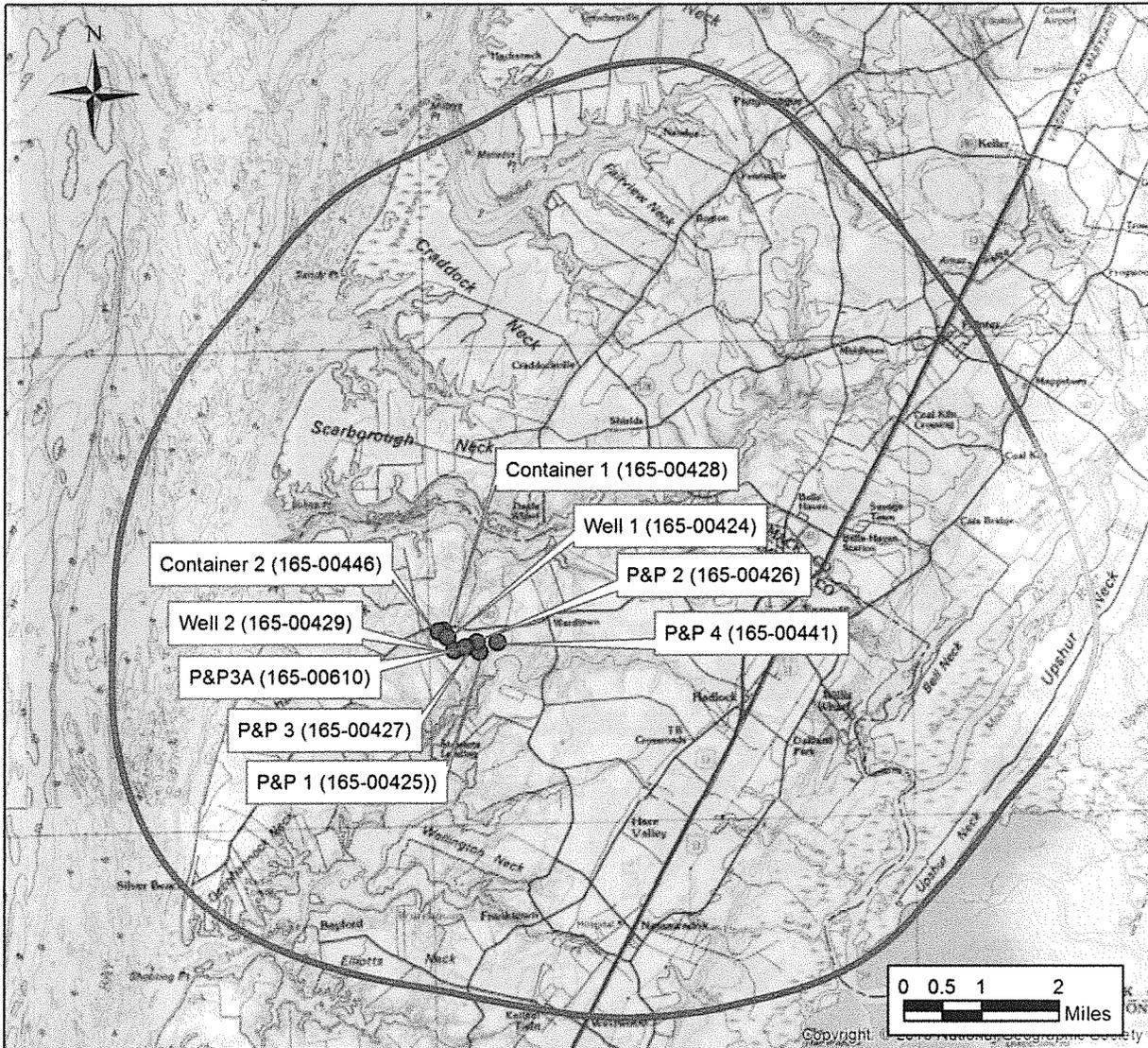
 Upper Yorktown-Eastover Aquifer Area of Impact

Simulated drawdown at or exceeding one foot in the Upper Yorktown-Eastover aquifer resulting from a 10 year lump sum of 974,300,000 gallons simulated for 7 years at 124,000,000 gallons per year followed by 4.4 months at 24,200,000 gallons per month from the Upper Yorktown-Eastover aquifer. Maximum radius of one-foot drawdown (Area of Impact) occurs 8.2 miles from David's Nursery pumping center.

Technical Evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Surface and Ground Water Supply Planning May 14, 2012



# David's Nursery Area of Impact - Middle Yorktown-Eastover Aquifer



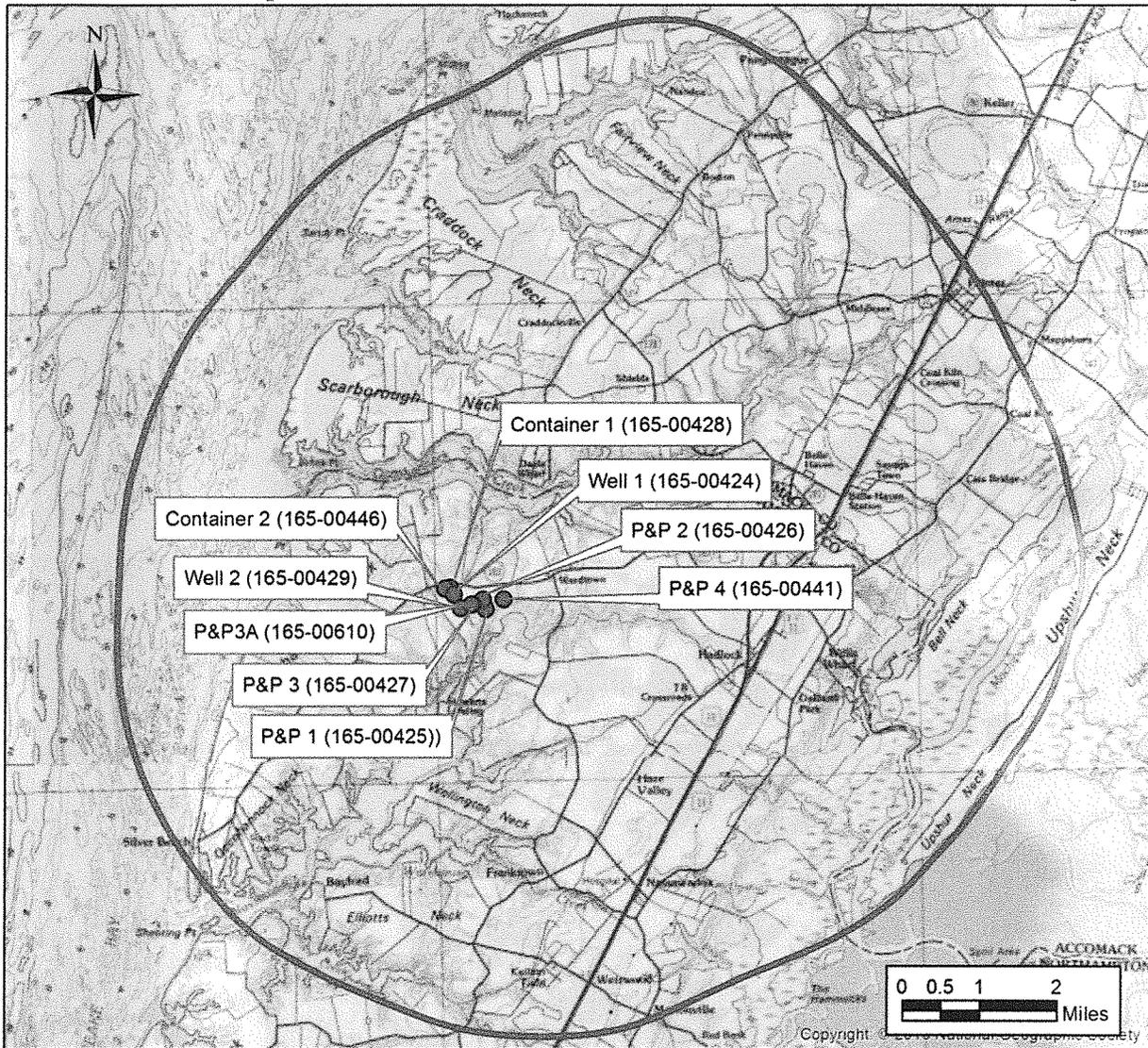
○ Middle Yorktown-Eastover Aquifer Area of Impact

Simulated drawdown at or exceeding one foot in the Middle Yorktown-Eastover aquifer resulting from a 10 year lump sum of 974,300,000 gallons simulated for 7 years at 124,000,000 gallons per year followed by 4.4 months at 24,200,000 gallons per month from the Upper Yorktown-Eastover aquifer. Maximum radius of one-foot drawdown (Area of Impact) occurs 8.1 miles from David's Nursery pumping center.

Technical Evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Surface and Ground Water Supply Planning May 21, 2012



# David's Nursery Area of Impact - Lower Yorktown-Eastover Aquifer



 Lower Yorktown-Eastover Aquifer Area of Impact

Simulated drawdown at or exceeding one foot in the Lower Yorktown-Eastover aquifer resulting from a 10 year lump sum of 974,300,000 gallons simulated for 7 years at 124,000,000 gallons per year followed by 4.4 months at 24,200,000 gallons per month from the Upper Yorktown-Eastover aquifer. Maximum radius of one-foot drawdown (Area of Impact) occurs 8.1 miles from David's Nursery pumping center.

Technical Evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Surface and Ground Water Supply Planning May 21, 2012

