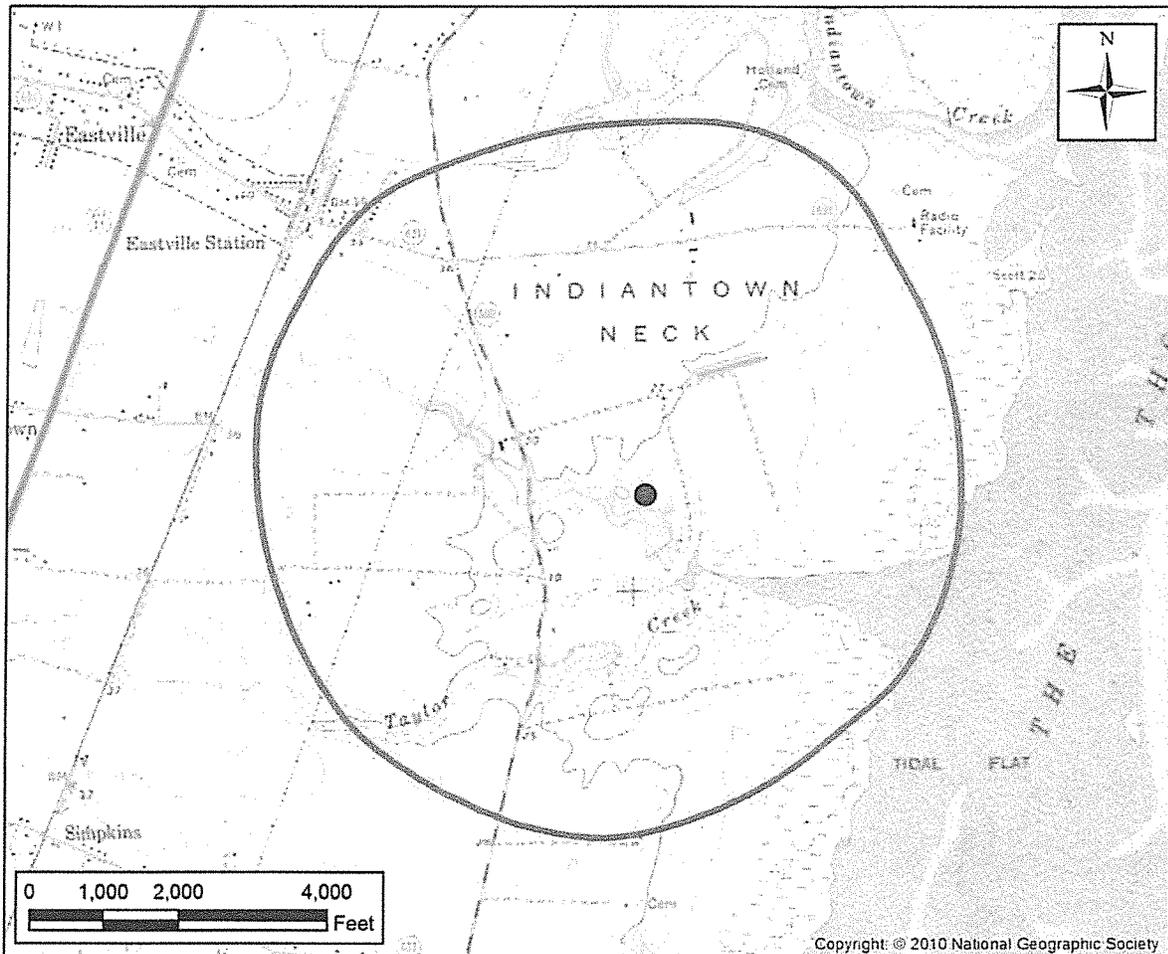


Seaford Farm

Area of Impact - Upper Yorktown-Eastover Aquifer



● Seaford Farm Well

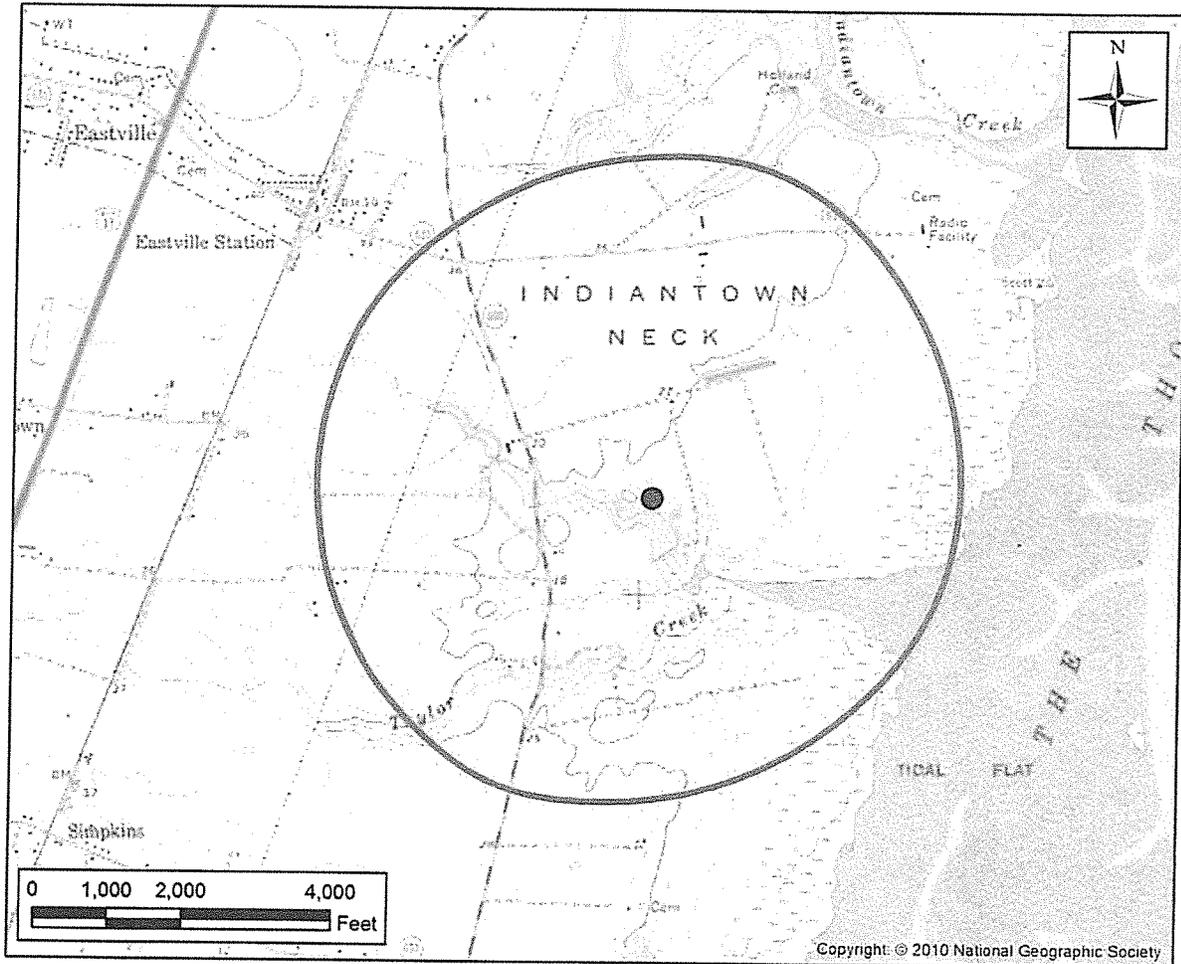
○ Upper Yorktown-Eastover Area of Impact

Simulated drawdown at or exceeding one foot in the Upper Yorktown-Eastover aquifer resulting from a 10 year lump sum of 252,500,000 gallons simulated for 8 years at 30,180,000 gallons per year followed by 31 days at 10,730,000 gallons per month from the Upper Yorktown-Eastover aquifer. Maximum radius of one-foot drawdown (Area of Impact) occurs 1.0 miles from the pumping center. The Virginia Eastern Shore Model developed by the USGS was used to simulate drawdown.

Technical evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Surface and Ground Water Supply Planning February 7, 2014



Seaford Farm Area of Impact - Middle Yorktown-Eastover Aquifer



- Seaford Farm Well
- Middle Yorktown-Eastover Area of Impact

Simulated drawdown at or exceeding one foot in the Middle Yorktown-Eastover aquifer resulting from a 10 year lump sum of 252,500,000 gallons simulated for 8 years at 30,180,000 gallons per year followed by 31 days at 10,730,000 gallons per month from the Upper Yorktown-Eastover aquifer. Maximum radius of one-foot drawdown (Area of Impact) occurs 0.9 miles from the pumping center. The Virginia Eastern Shore Model developed by the USGS was used to simulate drawdown.

Technical evaluation performed by Aquaveo, LLC for the Virginia DEQ, Office of Surface and Ground Water Supply Planning February 7, 2014

