

Home Farm and Fitchett Farm Area of Impact - Columbia Aquifer



- Home Farm and Fitchett Farm Wells
- Columbia Aquifer Area of Impact

Simulated drawdown at or exceeding one foot in the Columbia aquifer resulting from a 10 year lump sum of 221,800,000 gallons simulated for 5 years at 42,140,000 gallons per year followed by 19 days at 17,780,000 gallons per month from the Columbia aquifer. Maximum radius of one-foot drawdown (Area of Impact) occurs 0.25 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 Water Supply September 5, 2014

