

MARYLAND DEPARTMENT OF THE ENVIRONMENT
WATER AND SCIENCE ADMINISTRATION
Notice of Application Received for State Permit
and Holding of Public Informational Hearing

Issue Date: October 23, 2019 in The Cecil Whig

The Water and Science Administration (Administration) is reviewing the application for the State Permit listed below. The application and related information are on file with the Administration at the main office; arrangements may be made for inspection and copying. Opportunity is afforded for individuals to provide written comments, to participate in a public hearing, or to be placed on an interested persons list for the listed application. Any further notices about actions on an application will be provided only by mail to those individuals on a mailing list of interested persons. A public informational hearing has been scheduled on November 12, 2019 at 6:00 PM, at the Edward L. Walls Activity Hall at Fair Hill, 4640 Telegraph Road, Elkton, MD 21921. The close of the public comment period will be determined at the public hearing. All inquiries and requests should include the permit application number; your name, address and telephone number; and should be addressed to John Grace, Chief, Source Protection and Appropriation Division, Water and Science Administration, 1800 Washington Blvd., Baltimore, Maryland 21230. Telephone: (410) 537-3590.

Cecil County

CE1988G083/08 & CE2018S002/01 – Maryland Department of Natural Resources, 300 Tawes Drive, Elkton, MD 21921 has applied to appropriate and use a total annual average allocation of 79,000 gallons of water per day (gpd) at Fair Hill that will be split between two permits. Application CE2018S002/01 requests to withdrawal water from an intake in a new stormwater management pond. This application requests an annual average of 39,500 gpd and a maximum daily withdrawal of 160,000 gallons. Application CE1988G083/08 requests to modify an existing allocation from four existing wells for a potable supply and sanitary purposes from an annual average of 12,000 gpd and an average during the month of maximum use of 62,000 gpd, to add one new well, and to increase the annual average appropriation to 39,500 gpd and the maximum monthly appropriation to 69,000 gpd. New uses will include irrigation of a horse race track and maintaining soil moisture in the arenas. The annual average quantity of each permit will be considered supplemental and combined, which means an annual average greater than 39,500 gpd may be withdrawn from either source as long as the total annual average from both sources does not exceed 79,000 gpd. The project is located at the Fair Hill Race Track, on the south side of Md Route 273, 0.1 mile east of Md Route 213, Fair Hill, Cecil County, Maryland.

The new well is about 400 feet deep. Impacts to the resource and nearby users from the new proposed well were evaluated using on-site aquifer data as well as geologic reports available to the Administration. In making the evaluation, the withdrawal was modeled as being pumped continuously for 90 days at 50,400 gpd (the well yield) with no recharge to the aquifer. During periods of maximum use, model results indicate the groundwater level may

be lowered approximately 17 feet at a distance of 1,200 feet from new production well, along the primary water bearing fractures. Model results project a drawdown perpendicular to the orientation of the primary fracture of less than four feet at a distance of 600 feet from the new production well. Changes in water levels decrease at greater distances. The Administration proposes permit requirements to protect any existing well users that may be adversely impacted from the proposed withdrawal. No unreasonable impacts on the surface water resources are anticipated.