



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOUTHEAST REGIONAL OFFICE

RECEIVED

DEC 26 2013

DOYLESTOWN TOWNSHIP

December 16, 2013

Ms. Stephanie Mason, Manager
Doylestown Township
425 Wells Road
Doylestown, PA 18901

Re: Planning Module for Land Development
Pebble Ridge/Wood Ridge Sewer Extension
DEP Code 1-09919-316-3m
Status: ISSUED
APS ID 330250, SITE ID 538072
Doylestown Township
Bucks County

Dear Ms. Mason:

We have completed our review of your municipality's updated Official Sewage Facilities Plan titled "Pebble Ridge/Wood Ridge Sewer Extension (Plan)," as prepared by CKS Engineers, Inc., dated February 26, 2013, last revised August 29, 2013. The review was conducted in accordance with the provisions of the Pennsylvania Sewage Facilities Act.

Approval of the Plan is hereby granted. The Plan provides for the phased connection of 252 existing properties in the Pebble Ridge and Wood Ridge residential neighborhoods. The Plan's study area is depicted in Exhibit No. 6.

The Plan provides for the extension of approximately 33,000 feet of 8- and 10-inch gravity sewers, a new pump station and associated force main to serve the two neighborhoods. The sewer extension will connect to the Bucks County Water and Sewer Authority collection system at 3 places, as depicted in Exhibit 9, dated June 21, 2012, revised November 21, 2013, as prepared by Carroll Engineering Corporation.

The proposed sewage pumping station and a force main will convey sewage flows from the western portion of the project area to an existing manhole in Dartmouth Drive. The pumping station will be located on the north side of Lower State Road near its intersection with Bristol Road and will have average design flows of 35,500 gallons per day (gpd). The Department of Environmental Protection (DEP) recommends a minimum peaking factor of 4.0 for pumping stations with this proposed design flow. Individual pumps must be capable of handling peak instantaneous flows without employing the backup pump. Detailed justification must be submitted with permit applications for proposals that use alternate design standards from the

enclosed guidance. The Bucks County Water & Sewer Authority must obtain a Clean Streams Law permit from DEP for the construction and operation of the gravity sewers and the pump station and associated force main.

The project will generate an ultimate sewage flow of 64,750 gpd to be treated at both the Bucks County Water and Sewer Authority's Green Street Wastewater Treatment Facility and its King Plaza Wastewater Treatment Facility. Per Doylestown Township's December 2, 2013, response to DEP review letter of November 6, 2013, the Bucks County Water and Sewer Authority will maximize the diversion of flows from the Castle Valley Interceptor to the Green Street Wastewater Treatment Facility via the Castle Valley Diversion Pump Station. Based on the 2012 average diversion amount of 190,000 gallons per day, the Bucks County Water and Sewer Authority may divert up to 98,000 gpd and remain within the pump station's current permitted capacity of 288,000 gpd. We also note that an approved Act 537 plan is in place to allow the Castle Valley Diversion Pump Station to be expanded to a capacity of up to 480,000 gpd.

Mapping provided with the Plan depicts wetlands and streams within the study area. You are hereby notified that an encroachment permit under Chapter 105 must be obtained from DEP prior to any construction that will encroach on wetlands and or streams.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717.787.3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717.787.3483) FOR MORE INFORMATION.

If you have any questions, please contact Mr. John Venezia of this office.

Sincerely,



Jenifer Fields, P.E.
Regional Manager
Clean Water

Enclosure

cc: Bucks County Planning Commission
Bucks County Health Department
CKS Engineers, Inc.
Bucks County Water and Sewer Authority
Carroll Engineering Corporation
Mr. Venezia
Ms. Maisley
Ms. Vollero — RCSOB, 11th Floor, Sewage Facilities
Planning Section
Re 30 (GJS13CLW)350-18