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DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATERSHED MANAGEMENT

ADOPTED AMENDMENT TO THE LOWER DELAWARE WATER QUALITY  
MANAGEMENT PLAN

Public Notice

Take notice that on **JUL 09 2001**, pursuant to the provisions of the New Jersey Water Quality Planning Act, N.J.S.A. 58:11A-1 et seq., and the Statewide Water Quality Management Planning rules (N.J.A.C. 7:15-3.4), an amendment to the Lower Delaware Water Quality Management Plan was adopted by the Department of Environmental Protection (Department). This amendment, submitted by the Salem County Pollution Control Financing Authority, is to amend the Carneys Point Township Wastewater Management Plan to include the proposed Salem County Industrial Complex in the sewer service area of the Carneys Point Township Sewage Treatment Plant (STP).

This amendment proposal was noticed in the New Jersey Register on February 5, 2001 at 33 N.J.R. 592(b). The Department received one comment on the proposal during the comment period. In a letter dated March 6, 2001, Professional Consulting, Inc., in their capacity as consulting engineers for the Carneys Point Township Sewerage Authority, commented on specific technical issues relating to the engineering design and use of the proposed conveyance structures. These issues were with regard to pumping station and force main calculations, the rules and regulations of the Carneys Point Township Sewerage Authority and clarification that the proposed Industrial Complex would require a Treatment Works Approval from the Department.

Richard A. Alaimo Association of Engineers, on behalf of the Salem County Pollution Control Financing Authority, responded to the comments in a letter dated May 17, 2001. The Carneys Point Township Sewerage Authority then passed Resolution 2001-10 on May 21, 2001 consenting to the proposed amendment without modification.

The proposed industrial complex will have an ultimate build out of 1.75 million square feet (40 acres) of office, warehouse and light manufacturing uses and will be located along Straughen's Mill Road (County Route 643) on Block 29, Lots 5.01, 6 and 6.01 in Oldmans Township, Salem County. The project is expected to generate an average wastewater flow of 0.123 million gallons per day (MGD). This sewer service area (SSA) is not adjacent to any existing SSA, but this proposal does not include in the SSA any additional area between the site and the existing SSA. The proposed site and intervening area are designated as the Suburban Planning Area (PA2) as delineated in the "New Jersey State Development and Redevelopment Plan" (State Plan).

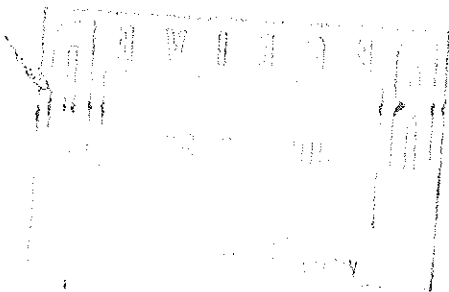
The proposed activities have been evaluated per Executive Order 109 (2000) and the Water Quality Management Planning Rules at N.J.A.C. 7:15-5.18. The proposed project would convey wastewater to the existing Carneys Point Township STP, which has sufficient capacity for the flow. The present permitted design loading and flow at the facility is 1.3 MGD, the present actual flow is 0.66 MGD and the projected 20 year flow (including this proposed amendment) is 1.19 MGD. Therefore, the facility has sufficient capacity to accept this wastewater without an increase in permitted load or concentration. Discharge from this facility is to the main stem of the Delaware River at Helms Cove.

A non-point source (NPS) pollutant loading water quality analysis has been performed and it has been determined that there will be no increase in NPS pollution from the proposed change in land use. The riparian corridor of Beaver Creek and its

tributaries will be maintained since the limit of disturbance from the proposed development is beyond the 75 foot top of bank buffer. Stormwater runoff will be managed so as to encourage infiltration and shall incorporate best management practices (BMP's) in conformance with all applicable State requirements including, but not limited to, the "Standards for Soil Erosion and Sediment Control in New Jersey".

Potable water will be supplied by the Pennsgrove Water Supply Company within their existing water supply allocation. The source for the water supply is the confined PRM aquifer. The Department has determined that no depletive/consumptive water use analysis is required for this amendment.

This amendment represents only one part of the permit process. Other issues may need to be addressed prior to final permit issuance. Additional issues which may need to be addressed include, but are not limited too, exact locations and designs of future treatment works (pump stations, interceptors, sewers, outfalls, wastewater treatment plants), development in wetlands, flood prone areas, designated Wild and Scenic River areas, or other environmentally sensitive areas which are subject to regulation under Federal or State statutes or rules.



Mary T. Sheil

Director

Division of Watershed Management

Department of Environmental Protection

7/9/01

Date