

DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF LAND AND WATER PLANNING

AMENDMENT TO THE SUSSEX COUNTY WATER QUALITY MANAGEMENT PLAN

Public Notice

Take notice that on **SEP 16 1994**, 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 Sussex County Water Quality Management Plan was adopted by the Department of Environmental Protection (Department). This amendment adopts a Wastewater Management Plan (WMP) for Hampton Township. The WMP specifies the following: 1) expansion of the sewer service area to the "Big N" Shopping Center sewage treatment plant (STP) to include additional properties within an area zoned highway commercial/manufacturing/industrial, with wastewater flows to the STP not to exceed the existing permitted capacity of 20,000 gallons per day (discharge to a tributary to the Paulins Kill River); and, 2) a new STP discharging to ground water to serve 65 additional mobile homes, and a small commercial development, at the Carriage Acres Mobile Home Park (projected wastewater flow is 15,000 gallons per day [gpd]). The WMP also delineates the service areas to the Hampton Commons STP (discharge to a tributary of the Paulins Kill River), Kittatinny Regional High School STP (discharge to the West Branch of the Paulins Kill River), McKeown Elementary School STP (discharge to ground water), and the general ground water discharge service areas for facilities with design capacities of less than 20,000 gpd (with a restriction of gpd/acre based on watershed and geologic formation).

This amendment proposal was noticed in the New Jersey Register on July 18, 1994. Comments on this amendment were received during the public comment period and are summarized below with the Department's responses.

The following comments were submitted on behalf of the Sussex County Municipal Utilities Authority.

1. COMMENT: There is a typographical error in Table ES-3 which shows the total (year 1993) flow to be 35.000 gallons per day (gpd) rather than 35,000 gpd for the Hampton Commons STP. Additionally, the calculated (year 2013) future flow of 52,950 gpd for this STP is overstated, and the basis of that flow projection should be revised. Appropriate methodology for establishing future flow projections would be to allocate the present flow among the 1993 existing residences, calculate the increased flow attributed to the

remaining (proposed) townhouse units, and add these together to yield the future (2013) buildout flow.


RESPONSE: The typographical error in Table ES-3 has been corrected. Additionally, the projected year 2013 wastewater flow figure for the Hampton Commons STP has been recalculated. Instead of specifying a projected wastewater flow based solely on the Department's flow criteria, the flow has been adjusted to take into consideration the actual flow to this STP from the existing occupied units. Added to the actual flow is the projected wastewater flow from the unoccupied units (flow based on Department standards) for a total projected flow of 43,400 gpd for this facility. Tables ES-3 and ES-1 have been revised to reflect these changes.

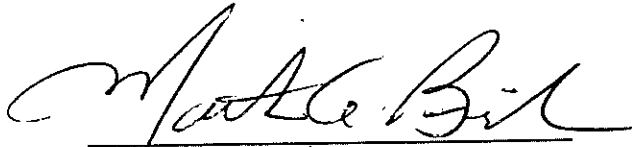
2. COMMENT: It appears that flow from the Carriage Acres Mobile Home Park, described in Table ES-6, should more appropriately be separated and identified with respect to the existing septic systems and the proposed treatment facility. Further, with respect to the WMP mapping, the existing septic systems and proposed 15,000 gpd treatment facility do not necessarily reflect existing and proposed sewer service area(s), as delineated. It may be more suitable to designate the existing septic system area as "ground water discharge for facilities with a design capacity of less than 2,000 gpd" and the proposed treatment facility as "ground water discharge for facilities with a design capacity of less than 20,000 gpd".

RESPONSE: The WMP appropriately identifies the total flow from the Carriage Acres Mobile Home Park and the breakdown of flow from both the existing units (served by septic systems, at least one of which has a capacity of greater than 2,000 gpd) and the projected units (to be served by an on-site ground water disposal system). It is not appropriate to designate the existing service area of the Carriage Acres Mobile Home Park as a service area for "ground water discharge facilities with a design capacity of less than 2,000 gpd" and the projected service area for "ground water discharge facilities with a design capacity of less than 20,000 gpd" since the Department considers this to be one facility which will be permitted with consideration to the combined discharges on-site, not just the proposed new discharge. Therefore, since the combined flow from the existing septic systems and the proposed on-site ground water disposal system is greater than 20,000 gpd, the entire property has been appropriately delineated as a "sewer service area". No changes to the WMP have been made based on this comment.

This amendment represents only one part of the permit process and other issues will be addressed prior to final permit issuance. Additional issues which were not reviewed

in conjunction with this amendment but which may need to be addressed may include, but are not limited to, the following: antidegradation; effluent limitations; water quality analysis; exact locations and designs of future treatment works (pump stations, interceptors, sewers, outfalls, wastewater treatment plant); and 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.


Barry R. Chalofsky P.P.
Professional Planner in
Responsible Charge


Martin A. Bierbaum
Administrator
Office of Land and Water
Planning
Department of Environmental
Protection

9/16/84
Date

MEG/Hamton