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State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF ENVIRONMENTAL QUALITY  
JOHN FITCH PLAZA, CN 027, TRENTON, N. J. 08625  
Solid Waste Administration

August 25, 1980

M E M O R A N D U M

TO: June Edwards  
FROM: Richard Popiel  
SUBJECT: Tingues Brook, Combe Fill, Chester Hills - Bacteria Investigation

The most recent results of water samples taken from Tingues Brook on August 12, 1980 by SWA personnel show a considerable decrease in bacteria numbers compared to the previous sampling on July 1, 1980. The decrease is even more apparent in the Tingues Pond area.

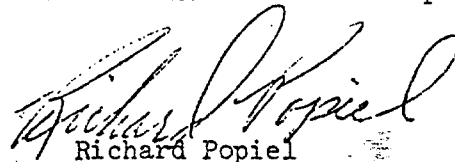
Samples were taken at the stream very near the landfill site and also just upstream from Tingues Pond.

The results from the sample taken nearest the landfill is still not satisfactory but an inspection of the landfill and nearby areas near the stream at the time of sampling revealed no visible evidence of septic disposal which had been suspected. No surface landfill leachate intrusion into the stream area was observed.

The decrease in bacteria at Tingues area, although not entirely satisfactory, is encouraging. Since no background data is available at this office, normal bacterial populations for the general area are not known.

A follow up spot check for bacteria in the Tingue Pond area should be made.

Copies of the bacteria results from the N.J. State Department of Health Laboratories are attached.

  
Richard Popiel

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