



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Division of Water Quality

Municipal Finance & Construction Element

Bureau of Environmental, Engineering & Permitting

Mail Code 401-03D

PO Box 420

Trenton, NJ 08625-0420

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CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

BOB MARTIN
Commissioner

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

May 15, 2017

7007 2680 0000 2722 1521

Thomas Sweeney, Director
Long Hill Township
915 Valley Road
Gillette, New Jersey 07933

Re: Notice of Capacity Assurance Program (CAP) Threshold Exceedance
Long Hill Township Wastewater treatment Plant
NJPDES Permit No. NJ0024465
Long Hill Township, Morris County, New Jersey

Dear Mr. Sweeney:

This is to inform you that it has been determined that the above referenced facility has reached or exceeded 95 percent of its permitted flow determined by a 12-consecutive month average (threshold). Consequently, pursuant to N.J.A.C. 7:14A-22.16(a), you are required to submit a capacity analysis report (checklist enclosed) that complies with the regulations to the Department within 180 days after reaching the threshold or before November 13, 2017. In addition, you are required to submit a completed WQM007 Form to the Department beginning the last day of the month following the date the threshold was met and on a quarterly basis thereafter.

I thank you for your anticipated cooperation in this matter. If you have any questions concerning the above, please feel free to contact Tracy L. Shevlin, P.E., Section Chief, by calling (609) 984-4429.

Sincerely,

Gautam R. Patel, Chief

Bureau of Environmental, Engineering, and Permitting

Enclosure: CAR Checklist/WQM-007 Form

C: Tracy L. Shevlin, P.E., BEEP

James Pontoriero, BEEP

CAPACITY ANALYSIS REPORT CHECKLIST
(N.J.A.C.7:14A-22.16(c))

- ❑ 1) An assessment of the treatment works, including:
 - i) Dry weather treatment capacity at the plant;
 - ii) Wet weather treatment capacity at the plant;
 - iii) Sources and extent of inflow and infiltration;
 - iv) Amount of flow for connections for which TWAs have been issued but are not yet in operation, and projected flows to accommodate growth within the service area over the next 20 year period;
 - v) Current operation and maintenance practices that maximize conveyance and treatment;
 - vi) Planned improvements to the treatment works;
 - vii) Pending applications for NJPDES permits and treatment works approvals related to the capacity of the treatment works; and
 - viii) Compliance status, including NJPDES permit violations and known sanitary sewer overflows.

- ❑ 2) An evaluation of alternative measures that would maximize conveyance and treatment of existing flows, reduce or maintain existing flows below permitted flow at the treatment plant and ensure adequate conveyance capacity, and/or increase the capacity of the treatment works. This evaluation shall include, at a minimum:
 - i) A review of current and proposed water conservation measures to reduce flow;
 - ii) Strategies to reduce infiltration;
 - iii) Strategies to reduce inflow from sanitary sewer lines, including disconnection of roof leaders, sump pumps, and other sources of inflow, and redirect the inflow to storm sewer lines to the extent feasible;
 - iv) Strategies to maximize current conveyance and treatment capacity including changes to current operation and maintenance practices or increases in permitted flow at the treatment plant; and
 - v) Capital improvements to expand existing conveyance or treatment capacity.

- ❑ 3) The identification of and justification for the measure(s) selected based on the evaluation of alternatives described at 2) above.

- ❑ 4) An implementation schedule for the selected alternative(s), including any necessary continued assessment of infiltration and inflow and changes to rules, ordinances, and sewer use agreements of the permittee, participating municipalities, and/or sewage authorities. The implementation schedule shall provide for the revision of relevant operation and maintenance and asset management plans to incorporate the selected alternative(s).

- ❑ 5) A description of the mechanisms to be used to finance the selected alternative(s); and

- ❑ 6) A certification signed in accordance with N.J.A.C. 7:14A-4.9 that the selected alternative(s) will be undertaken in accordance with the implementation schedule.

- **The CAR shall be submitted to the Department within 180 days after the last day of the final month of the 12-consecutive-month period.**
- **A completed WQM007 Form shall be submitted to the Department beginning the last day of the month following the date the threshold is met, and on a quarterly basis thereafter.**

Both items shall be sent to the following address:

**NJ DEP, Division of Water Quality
Bureau of Environmental, Engineering & Permitting
Mail Code: 401-03D, PO Box 420
Trenton, New Jersey 08625-042
Attention – Tracy Shevlin (TWA Program)**

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER QUALITY
MUNICIPAL FINANCE AND CONSTRUCTION ELEMENT
BUREAU OF ENVIRONMENTAL, ENGINEERING AND PERMITTING

WASTEWATER FLOW SUMMARIZATION QUARTERLY REPORT

Period from _____ to _____

Name of Permittee _____
Sewage Treatment Plant _____
NJPDES Discharge Permit Number _____
Certification by Owner _____
(Signature and Date)

NJDEP-ISSUED TREATMENT WORKS APPROVAL ('TWA') PERMITS NOT YET IN OPERATION
(Anticipated Flow Only)

Permit No.	Project Name	Date Issued	Permit Flow Allocation
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(A) Permitted Capacity*	_____	MGD
(B) Present 12-month Average Flow	_____	MGD
(C) Total Anticipated Flow	_____	MGD
(D) Total Flow [(B) + (C)]	_____	MGD
(E) Remaining Capacity [(A) - (D)]	_____	MGD

(F) Status of Improvements (from Department Approved CAR, if applicable)
(i) In compliance with approved schedule? _____ If No, please explain and provide updated schedule.

(ii) Percent completion? _____

*Permitted Capacity means the average daily volume of wastewater, which a domestic treatment works was designed to treat in accordance with a TWA permit or the maximum permissible volume of flow to a domestic treatment works as established by a NJPDES permit, which permit or approval establishes the limiting flow value.