



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 1
5 POST OFFICE SQUARE, SUITE 100
BOSTON, MA 02109-3912

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

APR 24 2012

Stephen Dookran, City Engineer
Division of Public Works
9 Riverside Street
Nashua, New Hampshire 03062

Re: NPDES Permit No. NH0100170
Request for Information

Dear Mr. Dookran:

The current National Pollutant Discharge Elimination System (NPDES) permit for the Nashua wastewater treatment plant was issued in May 2000 (the 2000 permit). A complete application for permit reissuance was submitted in 2006. Over the term of the 2000 permit, and since the submittal of the permit application in 2006, the City has completed significant changes to its combined sewer collection system and has completed construction of a new wet weather flow treatment facility. Not all of these changes are reflected in the 2006 permit application.

EPA is currently preparing a draft permit that will supersede the 2000 permit. In order to understand and accurately describe the wet weather operation of the collection system and treatment facilities now in place, and to develop appropriate limits and conditions in the draft permit, we are requesting that you provide EPA with the information listed in Attachment A.

Please provide the requested information requested within 21 days of the date of this letter. Information submitted pursuant to this request should be addressed as follows:

U.S. EPA
5 Post Office Square – Suite 100 (OEP06-1)
Boston, MA 02109-3912
Attn: Meridith Timony

If you have questions regarding this request, or if you do not believe that you can provide the requested information in accordance with this schedule, please contact Meridith Timony of my staff at 617-918-1533.

Sincerely,

A handwritten signature in blue ink, appearing to read "B. Pitt".

Brian Pitt, Chief
Municipal Permits Section
Office of Ecosystem Protection

Attachments

cc: Mario Leclerc, Superintendent, Nashua Wastewater Treatment Facility
Joy Hilton, US EPA
Stergios Spanos, NHDES
Tracy Wood, NHDES

Attachment A

Information Request

With respect to the wastewater collection and treatment facilities owned and operated by Nashua, provide the following information **within 21 days** of receipt of this request:

Wastewater Treatment Plant (WWTP):

1. Provide a large-scale flow schematic for the WWTP that shows bypass flow, flow through secondary treatment, and flow diverted to the Wet Weather Flow Treatment Facility (WWFTF). In addition, include the location of all flow meters measuring WWTP wastewater flows (e.g. total influent, primary effluent, secondary bypass, secondary effluent, and total effluent) on the schematic. On the same schematic, clearly identify the location of all compliance sampling locations and recycle stream discharge locations (including, for example, sludge dewatering filtrate). Indicate which sampling and flow metering locations represent data reported on the DMR.
2. Provide a chronological listing of all bypasses of secondary treatment from January 30, 2009 to present, including the dates and times the bypasses were initiated and ended, the influent flow rate at the time each bypass was initiated and ended, and the amount of flow receiving secondary and primary-only treatment each day during the bypass. Provide all WWTP flow monitoring data (including daily total peak flow rate measurements) for each bypass event that has occurred from January 30, 2009 to present, including total influent, primary effluent, secondary bypass, secondary effluent and total effluent.

Wet Weather Flow Treatment Facility (WWFTF)

1. Provide a flow schematic of the WWFTF, including a depiction of the point where flow is diverted to the WWFTF in relation to the headworks of the WWTP as well as WWFTF influent and effluent sampling locations.
2. Provide design information for the WWFTF including flow rates, pollutant removal efficiencies, and effluent concentrations.
3. Provide the following information regarding the operation of the WWFTF from January 30, 2009 to present: (1) a copy of all WWFTF influent and effluent sampling data collected since January 30, 2009 during activation events; (2) identification of sample type (e.g., grab or composite); (3) the dates and times the of operation; (4) the influent flow rate at the WWTP each time the WWFTF began operation; (5) the flow rate at the WWTP each time the WWFTF was taken out of service; (6) total flow treated during each operation; and (7) the peak flow treated during each operation.

Combined Sewer Overflows (CSOs)

1. Provide activation dates and times and discharge volume for each CSO outfall for each discharge event, organized chronologically, by outfall from January 30, 2009 to present; and
2. Provide daily precipitation records including total rainfall and peak intensity from January 30, 2009 to present.

3. Provide a copy of records documenting the inspections of all CSO outfall/regulator/pumping stations that were completed from January 30, 2009 to the present.

Other

1. Provide a copy of any modifications/revisions made to the High Flow Management Plan, dated April 30, 2010.