



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 1

**5 Post Office Square, Suite 100
BOSTON, MA 02109-3912**

VIA EMAIL

DATE: March 5, 2018

Mr. Richard Stinson
Town of Wakefield, Department of Public Works
1 Lafayette Street
Wakefield, MA 01880

Re: Authorization to discharge under the NPDES Potable Water Treatment Facilities General Permit (PWTFGP) – Authorization No. MAG640077 for the Broadway Water Treatment Plant in Wakefield, MA

Dear Mr. Stinson:

Based on the review of your Notice of Intent (NOI) received June 2, 2017, the U.S. Environmental Protection Agency (EPA) hereby authorizes the Town of Wakefield to discharge in accordance with the provisions of the Potable Water Treatment Facilities General Permit (PWTFGP). The facility's General Permit Number is indicated above and should be referenced on all correspondence. The effective date of coverage is on the date of signature.

Your permitted discharge is to Crystal Lake, a Class A freshwater waterbody in the North Coastal Watershed. Outfall 001 is an emergency discharge and the plant has not discharged in recent years. Therefore, EPA grants the facility PWTFGP coverage with the condition that you sample your discharge during the next discharge event and characterize the effluent with the data required in the PWTFGP NOI. The results of the sampling shall be submitted to EPA on a Discharge Monitoring Report (DMR) as discussed below.

Enclosed with this PWTFGP authorization to discharge is a summary of effluent limitations and monitoring requirements applicable to your discharge. The summary does not represent the complete requirements of the PWTFGP. Permittees must comply with all of the applicable requirements of this general permit including effluent monitoring, state permit conditions, administrative aspects, additional permit conditions, Best Management Practices (BMP) plan, and standard conditions including reporting requirements. The complete PWTFGP and other related information can be found at <https://www.epa.gov/npdes-permits/potable-water-treatment-facility-general-permit-pwtf-gp-massachusetts-new-hampshire>.

Part 5 of the PWTFGP specifies all monitoring, recordkeeping and reporting requirements for the facility. Ensure that sufficiently sensitive test methods are used for any sample analysis conducted for this permit (see Part 2.1.2 of the permit). Unless the permittee has an approved

Opt-Out Request, the permittee shall electronically submit its monthly monitoring data in discharge monitoring reports (DMRs) to EPA and MassDEP using NetDMR no later than the 15th day of the month following the completed reporting period. When the permittee submits DMRs using NetDMR, it is not required to submit hard of DMRs to EPA or MassDEP. NetDMR is accessed from the internet at <https://netdmr.zendesk.com/hc/en-us>.

This general permit and authorization to discharge expire March 6, 2022, except as provided in Part 6.2, or upon submission of a Notice of Termination. We appreciate your cooperation in applying for coverage under this general permit. If you have any questions regarding this permit, please contact Olga Vergara at (617) 918-1519. Technical questions should be addressed to Mark Voorhees at (617) 918-1537.

Sincerely,

A rectangular box with a black border, used to redact the signature of the sender.

Thelma Murphy, Chief
Stormwater and Construction Permits Section
Office of Ecosystem Protection

cc: Ruan Xiaodan, MassDEP via email

**Summary Information: NPDES General Permit for Potable Water Treatment Facilities
No. MAG640077 Broadway Water Treatment Plant in Wakefield, MA**

Table 1: Authorization Information

Permit Number	MAG640077
Receiving Water	Crystal Lake
Outfall Number	001
Monitoring Requirements	See Table 2 below and Part 2 of the PWTFGP
Reporting Requirement	See Part 5 of the PWTFGP

Table 2: Summary of Effluent Limitation and Monitoring Requirements for MAG640077

Effluent Characteristics		Discharge Limitations		Monitoring Requirements	
Parameter	Units	Avg. Monthly	Max Daily	Monitoring Frequency	Sample Type
Flow	MGD	Report	1.0	1/Day	Meter or Estimate
TSS	mg/l	30	50	1/Week	Composite
pH (Class A and B)	S.U.	6.5-8.3 range		1/Week	Grab
pH (Class SA and SB)	S.U.	N/A		N/A	N/A
Total Residual Chlorine	µg/l	N/A	N/A	N/A	N/A
Aluminum, Total Recoverable*	µg/l	N/A	N/A	N/A	N/A
Arsenic, Total Recoverable	µg/l	N/A	N/A	N/A	N/A
Iron, Total Recoverable	µg/l	N/A	N/A	N/A	N/A
Total Phosphorus, as P (April 1-Oct.31)	µg/l	N/A	N/A	N/A	N/A

N/A = Not Applicable