UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 1
5 Post Office Square, Suite 100
Boston, MA 02109-3912

VIA EMAIL

March 27, 2018

Ms. Rebecca McEnroe
Sudbury Water District
P. O. Box 111
Sudbury, MA 01776

Re: Authorization to discharge under the NPDES Potable Water Treatment Facilities General Permit (PWTFGP) – Authorization No. MAG640054 for the Raymond Road Water Treatment Facility in Sudbury, MA

Dear Ms. McEnroe:

Based on the review of your Notice of Intent (NOI) received June 1, 2017, the U.S. Environmental Protection Agency (EPA) hereby authorizes the Sudbury Water District 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 Landham Brook, a Class B freshwater waterbody. 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,

THELMA MURPHY Digitally signed by THELMA MURPHY
Date: 2018.03.27 13:28:30 -04'00'

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. MAG640054 Raymond Road Water Treatment Plant in Sudbury, MA

Table 1: Authorization Information

Permit Number	MAG640054
Receiving Water	Landham Brook
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 MAG640054

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	11	19	1/Week	Grab
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

Notes: See Part 2.1.1 of the PWTFGP for details on limits and monitoring requirements for applicable parameters; N/A = Not Applicable.

Table 3. Summary of Whole Effluent Toxicity Test Monitoring Requirements

Whole Effluent Toxicity				
Parameter	**Units**	**Limitation**	**Monitoring Frequency**	**Sample Type**
LC_{50} (Acute WET Testing)	%	Report %	1/Year	Composite
C-NOEC (Chronic WET Testing)	%	Report %	1/Year	Composite
Hardness	mg/l	Report	1/Year	Composite
Total Residual Chlorine	mg/l	Report	1/Year	Grab
Alkalinity	mg/l	Report	1/Year	Composite
pH	S.U.	Report	1/Year	Grab
Specific Conductance	umhos/cm	Report	1/Year	Composite
Total Solids	mg/l	Report	1/Year	Composite
Total Dissolved Solids	mg/l	Report	1/Year	Composite
Ammonia Nitrogen as N	mg/l	Report	1/Year	Composite
Total Organic Carbon	mg/l	Report	1/Year	Composite
Total Recoverable Aluminum	mg/l	Report	1/Year	Composite
Total Recoverable Cadmium	mg/l	Report	1/Year	Composite
Total Recoverable Copper	mg/l	Report	1/Year	Composite
Total Recoverable Lead	mg/l	Report	1/Year	Composite
Total Recoverable Nickel	mg/l	Report	1/Year	Composite
Total Recoverable Zinc	mg/l	Report	1/Year	Composite
Diluent Whole Effluent Toxicity				
Hardness	mg/l	Report	1/Year	Grab
Alkalinity	mg/l	Report	1/Year	Grab
pH	S.U.	Report	1/Year	Grab
Specific Conductance	umhos/cm	Report	1/Year	Grab

Ammonia Nitrogen as N	mg/l	Report	1/Year	Grab
Total Organic Carbon	mg/l	Report	1/Year	Grab
Total Recoverable Aluminum	mg/l	Report	1/Year	Grab
Total Recoverable Cadmium	mg/l	Report	1/Year	Grab
Total Recoverable Copper	mg/l	Report	1/Year	Grab
Total Recoverable Lead	mg/l	Report	1/Year	Grab
Total Recoverable Nickel	mg/l	Report	1/Year	Grab
Total Recoverable Zinc	mg/l	Report	1/Year	Grab

Table 3 Notes

See Part 2.1.1 of the PWTFGP for details on monitoring requirements for Whole Effluent Toxicity Tests