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

VIA EMAIL

February 28, 2022

Mr. Richard Dawe
City of Lynn Water and Sewer Commission
390 Parkland Avenue
Lynn, MA 01905

Re: Authorization to discharge under the NPDES Potable Water Treatment Facilities General Permit (PWTFGP) – Authorization No. MAG640079 for the Raymond F. Reardon Water Treatment Plant in Lynn, MA

Dear Mr. Dawe:

Based on the review of your Notice of Intent (NOI) received June 6, 2017, the U.S. Environmental Protection Agency (EPA) hereby authorizes the City of Lynn Water and Sewer Commission (the "Permittee") to discharge from the Raymond F. Reardon Water Treatment Plant (the "Facility") in accordance with the provisions of the Potable Water Treatment Facilities General Permit (PWTFGP or General Permit). The Facility's General Permit Number is indicated above and should be referenced on all correspondence. The effective date of coverage is the date of signature of this letter.

Your permitted discharge is to Breeds Pond, a Class A waterbody. Enclosed with this PWTFGP authorization to discharge is a summary of effluent limitations and monitoring requirements applicable to your discharge. Please be aware that sufficiently sensitive test methods must be used for any sample analysis conducted in accordance with this permit. See Part 2.1.2.

The summary presented in this authorization letter does not represent the complete requirements of the PWTFGP. Permittees must comply with all the applicable requirements of this General Permit such as discharge limits and monitoring requirements, state permit conditions, administrative provisions, and other additional requirements including a Best Management Practices (BMP) plan. 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.

As indicated in the summary, Whole Effluent Toxicity (WET) testing is required once per calendar year on a rotating quarterly basis, such that WET testing shall be conducted for each quarter (i.e., January-March; April-June; July-September; and October-December) over the course of a 4-calendar year period. EPA recommends that quarterly WET testing is conducted sequentially, meaning each year's quarterly test occurs during the quarter that follows the

previous year's quarterly test.

Please note that Part 5 of the PWTFGP includes all monitoring, record-keeping and reporting requirements for the Facility that will become effective on the 1st day of the month following the date of signature on this letter. Facilities are now required to submit monitoring results on a monthly, not quarterly, basis. Unless the Permittee has received an approved Opt-Out Request, the Permittee shall electronically submit its monthly monitoring data in discharge monitoring reports (DMRs) to EPA and the Massachusetts Department of Environmental Protection (MassDEP) using NetDMR. NetDMR is accessed from the internet at https://netdmr.zendesk.com/hc/en-us. NetDMR reporting is due no later than the 15th day of the month following the completed reporting period. When DMRs are submitted electronically using NetDMR, the submittal of hard copies is not required.

Also note that when reporting annual WET testing results using NetDMR, you will be prompted to report WET test results at the end of every quarter during each year. The WET testing requirement shall begin the first full quarter following the date of this authorization letter (i.e., testing starts in January and is reported after the close of the quarter in March). As previously discussed, WET testing is required once per year on a rotating quarterly basis. For the three quarters in each calendar year that WET testing is not conducted, the Permittee should enter the NODI code "9", indicating that WET testing is not required for that quarter.

This General Permit and authorization to discharge expires March 6, 2022, except as provided in Part 6.2, or upon submission of a Notice of Termination. EPA appreciates your cooperation in applying for coverage under this General Permit. If you have additional questions, please contact Janet Deshais at (617) 918-1667.

Sincerely,

ELLEN WEITZLER Digitally signed by ELLEN WEITZLER Date: 2022.02.28 15:53:32 -05'00'

Ellen Weitzler, Chief
Municipal Permits Section
Water Division

cc: Xiaodon Ruan, MassDEP (via email: Xiaodan.Ruan@state.ma.us)
Janet Deshais, EPA (via email Deshais.Janet@epa.gov)

Summary Information: NPDES General Permit for Potable Water Treatment Facilities
No. MAG640079 Raymond F. Reardon Water Treatment Plant in Lynn, MA

Table 1: Authorization Information

Permit Number	MAG640079
Receiving Water	Breeds pond
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 MAG640075

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		1/Week	Grab
pH (Class SA and SB)	S.U.	Not Applicable (N/A)		N/A	N/A
Total Residual Chlorine	µg/l	110	190	1/Week	Grab
Aluminum, Total Recoverable*	µg/l	Report	Report	1/Month	Composite
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

*See footnote 13 of Part 2.1.1 of the PWTFGP regarding the additional monitoring requirement for aluminum from the ambient receiving water at a location beyond the influence of the effluent discharge. The ambient receiving water monitoring shall be conducted by grab sampling.

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 Note: The diluent shall be collected from the receiving water at a location beyond the influence of the effluent discharge.