



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

**Region 1**

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

**VIA EMAIL**

January 12, 2021

Mr. Karl Meyers  
Jackson Water Precinct  
P. O. Box 151  
Jackson, NH 03846

Re: New Authorization to discharge under the NPDES Potable Water Treatment Facilities General Permit (PWTFGP) – Authorization No. NHG640011 for the Jackson Water Precinct Water Treatment Plant in Jackson, NH

Dear Mr. Meyers:

In the letter addressed to you and dated April 2, 2018, the U.S. Environmental Protection Agency (EPA) authorized the Jackson Water Precinct to discharge from Jackson Water Precinct Water Treatment Plant ("Facility") in accordance with the provisions of the Potable Water Treatment Facilities General Permit (PWTFGP). The April 2, 2018 authorization letter specifies requirements for emergency discharges at outfall 001 to the Ellis River, a Class A water. In January 2020, Mr. Scott Hayes, a representative of the Jackson Water Precinct, informed EPA that the Precinct would begin using chlorine at the Facility. Upon coordinating with the New Hampshire Department of Environmental Services (NHDES) to determine dilution factors for the discharge to the Ellis River, EPA was informed that the Facility has two outfalls not one and that the Ellis River where the Facility's outfalls are located is a Class B water not a Class A water. Therefore, based on this information and on the on the review of your Notice of Intent (NOI) received June 1, 2017, EPA hereby retracts the April 2, 2018 authorization and with this letter authorizes the Jackson Water Precinct to discharge from the Facility in accordance with the provisions of the PWTFGP. This new authorization specifies requirements for potential emergency discharges from two outfalls, 001 and 002, includes effluent limitations for total residual chlorine and refers to the Ellis River as a Class B water. 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 the Ellis River, a Class B water. 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>.

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 NHDES 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.

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 Mark Voorhees at (617) 918-1537.

Sincerely,

**TODD BORCI** | Digitally signed by TODD BORCI  
Date: 2021.01.12 10:48:25 -05'00'

Todd Borci, Acting Chief  
Stormwater and Construction Permits Section  
Water Division

cc: Scott Hayes (via email: [scott@ironmountainwater.com](mailto:scott@ironmountainwater.com))  
Hayley Franz, NHDES (via email: [Hayley.Franz@des.nh.gov](mailto:Hayley.Franz@des.nh.gov))

**Summary Information: NPDES General Permit for Potable Water Treatment Facilities  
No. NHG640011 Jackson Water Precinct Water Treatment Plant in Jackson, NH**

**Table 1: Authorization Information**

<b>Permit Number</b>	NHG640011
<b>Receiving Water</b>	Ellis River
<b>Outfall Number</b>	001 & 002
<b>Monitoring Requirements</b>	See Table 2 below and Part 2 of the PWTFGP
<b>Reporting Requirement</b>	See Part 5 of the PWTFGP

**Table 2: Summary of Effluent Limitation and Monitoring Requirements for NHG640011**

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.	6.5-8.0 range		1/Week	Grab
pH (Class SA and SB)	S.U.	Not Applicable (N/A)		N/A	N/A
Total Residual Chlorine	µg/l	Footnote 1	Footnote 2	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

Footnote 1 - Avg. Monthly Total Residual Chlorine limits for: Outfall 001 = 3,366 µg/l and Outfall 002 = 275 µg/l

Footnote 2 - Max Daily Total Residual Chlorine limits for : Outfall 001 = 5,814 µg/l and Outfall 002 = 475 µg/l