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

VIA EMAIL

September 11, 2017

Randy Meuse
GZA GeoEnvironmental, Inc.
249 Vanderbilt Avenue
Norwood, MA 02062
RandyMeuse@gza.com

Re: Authorization to discharge under the Remediation General Permit (RGP) – Authorization # MAG910746, for the Wyman-Gordon Company site located in North Grafton, MA

Dear Mr. Meuse:

Based on the review of a Notice of Intent (NOI) dated August 15, 2017 for the site referenced above, the U.S. Environmental Protection Agency, Region 1 (EPA) hereby authorizes GZA GeoEnvironmental, Inc., as the named operator, to discharge in accordance with the provisions of the RGP from this site to Bonny Brook, tributary to Flint Pond (MA51188). The authorization number is listed above. The effective date of coverage is the date of this authorization letter.

Enclosed with this RGP authorization to discharge is a summary of the applicable parameters and effluent limitations for your activity category III, contaminated site dewatering discharge. A dilution factor of zero (i.e., 1:1) was used in calculating effluent limits applicable to the proposed discharge from this site. Please note that this summary does not represent the complete requirements of the RGP. Operators must comply with all of the applicable requirements of the RGP, including influent and effluent monitoring, record keeping, and reporting requirements. For the complete general permit, see EPA's RGP website.[1]

This EPA general permit and authorization to discharge will expire on **April 8, 2022**, or upon Notice of Termination (NOT), whichever occurs first. However, in accordance with Part 5.3 of the general permit, your permit coverage will be administratively continued until issuance of a new RGP. Please note that you must submit a NOT within thirty (30) days of the termination of the discharge. You have reported your discharges will terminate in September 2017. Because your discharge is not expected to last twelve (12) months or more, EPA expects you will not to be subject to NetDMR reporting requirements. See Part 4.6 and 5.2 of the RGP, and Appendix IV, Part 3 for more information regarding reporting requirements.

[1] https://www.epa.gov/npdes-permits/remediation-general-permit-rgp-massachusetts-new-hampshire.

In accordance with Part 2.2.1 of the RGP and using the calculation methodology included in Appendix V, EPA corrected the calculated water quality-based effluent limitations (WQBELs) applicable to this proposed discharge. The cause of the calculation error was identified as the incorrect entry of the receiving water flow in the fillable electronic format submitted with the NOI. Because no dilution factor was approved by the Massachusetts Department of Environmental Protection, the entry for receiving water flow was corrected to zero. The reason for this correction is to determine the WQBELs that apply to the proposed discharge. Based on the revised calculations, your authorization to discharge includes a WQBEL for total recoverable zinc of 55.7 µg/L.

Please ensure that sufficiently sensitive test methods are used for all sample analyses conducted for this permit. To be considered sufficiently sensitive, test methods must achieve minimum levels for analysis for a given parameter that is no greater than the effluent limitation for that parameter, unless otherwise specified in the RGP for that parameter. Where no effluent limitation applies, EPA has provided the ML required with the enclosed summary. Where a compliance level applies, EPA has specified the compliance level and provided the ML required with the enclosed summary.

Thank you in advance for your cooperation in this matter. Please contact Shauna Little at (617) 918-1989 or little.shauna@epa.gov, if you have any questions.

Sincerely,

Thelma Murphy

Thelma Murphy, Chief
Storm Water and Construction Permits Section

Enclosure

cc: Timothy Zoll, Wyman-Gordon Company, via email
Andrew Sargent, EIT, GZA GeoEnvironmental, Inc., via email
Gregg W. McBride, GZA GeoEnvironmental, Inc., via email
Xiaodan Ruan, MassDEP, via email

Table 1: Authorization Information

Permit Number	MAG910746
Receiving Water	Bonny Brook
Outfall Number	Outfall 001
Monitoring Frequency	See Part 4.1.2 of the RGP
Reporting Requirement	See Part 4.6.1 of the RGP; NetDMR not required

Table 2: Chemical-Specific Effluent Limitations and Monitor-Only Requirements[1]

Parameter	Effluent Limitation
A. Inorganics	
Ammonia[2]	Report mg/L
Chloride[3]	Report µg/L
Total Suspended Solids	30 mg/L
Antimony[4]	206 µg/L
Arsenic[4]	104 µg/L
Cadmium[4]	10.2 µg/L
Chromium III[4]	323 g/L
Chromium VI[4]	323 µg/L
Copper[4]	242 µg/L
Iron[4]	5,000 µg/L
Lead[4]	160 µg/L
Mercury[4]	0.739 µg/L
Nickel[4]	1,450 µg/L
Selenium[4]	235.8 µg/L
Silver[4]	35.1 µg/L
Zinc[4]	55.7 µg/L
E. Halogenated Semi-Volatile Organic Compounds	
Total Polychlorinated Biphenyls[5]	0.000064 µg/L

Table 2 Notes:

[1] The following abbreviations are used in Table 2, above:
- [a] mg/L = milligrams per liter
- [b] µg/L = micrograms per liter

[2] The minimum level (ML) for analysis of ammonia must be less than or equal to 0.1 mg/L.

[3] The ML for analysis of chloride must be less than or equal to 230 mg/L.

[4] The limitation for this parameter is on the basis of total recoverable metal in the water column.

[5] The compliance level for total PCBs is 0.5 µg/L. The ML for analysis of total PCBs must be less than or equal to 0.5 µg/L.

Table 3: Effluent Flow Limitation

Effluent Flow	Effluent Limitation
	0.144 MGD

Table 3 Notes

[1] The following abbreviations are used in Table 3, above:
[a] MGD = million gallons per day

Table 4: pH Limitations for Discharges in Massachusetts

Receiving Water Class	Effluent Limitation
Freshwater	6.5 to 8.3 SU

Table 4 Notes

[1] The following abbreviations are used in Table 4, above:
[a] SU = standard units