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

VIA EMAIL

December 28, 2017

Bill Twomey
John Moriarty & Associates
3 Church Street #2
Winchester, MA 01890
wtwomey@jm-a.com

Re: Authorization to discharge under the Remediation General Permit (RGP) – Authorization #MAG910764, for the 139 Main Street site located in Cambridge, MA

Dear Mr. Twomey:

Based on the review of a Notice of Intent (NOI) dated November 14, 2017 submitted by McPhail Associates LLC for the site referenced above, the U.S. Environmental Protection Agency, Region 1 (EPA) hereby authorizes John Moriarty & Associates, as the named operator, to discharge in accordance with the provisions of the RGP from this site via the City of Cambridge storm sewer system[1] to Charles River (MA72-38). 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 II, non-petroleum related site remediation discharge. A dilution factor of 525.24, approved by the Massachusetts Department of Environmental Protection, 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.[2]

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 are expected to terminate in October 2018. Because your discharges are 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] The operator is responsible for obtaining permission to discharge to these systems, prior to initiating discharges. EPA's authorization to discharge does not convey any such permission.
[2] https://www.epa.gov/npdes-permits/remediation-general-permit-rgp-massachusetts-new-hampshire.

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.

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,

for Thelma Murphy, Chief
Storm Water and Construction Permits Section

Enclosure

cc: Allen Breed, MIT 139 Main Street Leasehold LLC, via email
William J. Burns, LSP, McPhail Associates LLC, via email
Kirk W. Seaman, McPhail Associates LLC, via email
Cathy Vakalopoulos, MassDEP, via email
City of Cambridge, Department of Public Works, via email

Table 1: Authorization Information

Permit Number	MAG910764
Receiving Water	Charles River
Outfall Number	Outfall 001 to City of Cambridge
Monitoring Frequency	See Part 4.1.2 of the RGP
Reporting Requirement	See Part 4.6 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 µg/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]	420 µg/L
C. Halogenated Volatile Organic Compounds	
Carbon Tetrachloride	4.4 µg/L
1,2 Dichlorobenzene	600 µg/L
1,3 Dichlorobenzene	320 µg/L
1,4 Dichlorobenzene	5.0 µg/L
1,1 Dichloroethane	70 µg/L
1,2 Dichloroethane	5.0 µg/L
1,1 Dichloroethylene	3.2 µg/L
Methylene Chloride	4.6 µg/L
1,1,1 Trichloroethane	200 µg/L
1,1,2 Trichloroethane	5.0 µg/L
Trichloroethylene	5.0 µg/L
Tetrachloroethylene	5.0 µg/L
cis-1,2 Dichloroethylene	70 µg/L
Vinyl Chloride	2.0 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.

Table 3: Effluent Flow Limitation

Effluent Flow	**Effluent Limitation**
	0.036 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