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

VIA EMAIL

December 28, 2017

Dan O'Sullivan
Shawmut Design and Construction
560 Harrison Avenue
Boston, MA 02118
dosullivan@shawmut.com

Re: Authorization to discharge under the Remediation General Permit (RGP) – Authorization #MAG910765, for the Boston University, Goldman School of Dental Medicine site located in Boston, MA

Dear Mr. O'Sullivan:

Based on the review of a Notice of Intent (NOI) dated December 21, 2017 submitted by Haley & Aldrich, Inc. for the site referenced above, the U.S. Environmental Protection Agency, Region 1 (EPA) hereby authorizes Shawmut Design and Construction, as a named operator and co-permittee with Boston University, to discharge in accordance with the provisions of the RGP from this site via the City of Boston storm sewer system[1] to Fort Point Channel (Boston Inner Harbor) (MA70-02). 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.[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 August 2019. Because your discharge is expected to last twelve (12) months or more, you are subject to reporting requirements that begin **January 1, 2019**. See

[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.

Part 4.6 and 5.2 of the RGP, and Appendix IV, Part 3 for more information regarding reporting requirements.

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: Gregg Snyder, Boston University, via email
Joel S. Mooney, PE, LSP, Haley & Aldrich, Inc., via email
Kenneth N. Alepidis, PG, Haley & Aldrich, Inc., via email
Cathy Vakalopoulos, MassDEP, via email
Boston Water and Sewer Commission, via email

Table 1: Authorization Information

Permit Number	MAG910765
Receiving Water	Fort Point Channel (Boston Inner Harbor)
Outfall Number	Outfall 001 to City of Boston CSO071
Monitoring Frequency	See Part 4.1.2 of the RGP
Reporting Requirement	See Part 4.6.1 of the RGP; NetDMR requirements begin Jan 1, 2019

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

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
	0.144 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
Saltwater	6.5 to 8.5 SU

Table 4 Notes

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