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

VIA EMAIL

August 16, 2017

Brian V. Moran, PE, LSP
Stantec Consulting Services, Inc.
400 Crown Colony Drive, Suite 200
Quincy, MA 02169
brian.moran@stantec.com

Re: Authorization to discharge under the Remediation General Permit (RGP) – Authorization # MAG910730, for the Callahan Senior Center site located in Framingham, MA

Dear Mr. Moran:

Based on the review of a Notice of Intent (NOI) dated July 6, 2017 submitted for the site referenced above, the U.S. Environmental Protection Agency, Region 1 (EPA) hereby authorizes Stantec Consulting Services, Inc., as the named operator, to discharge in accordance with the provisions of the RGP from this site via the Town of Framingham storm sewer system[1] to the Sudbury River (MA82A-26). 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 VII, collection structure dewatering/ remediation discharge. A dilution factor of 41.3, 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. Please ensure that sufficiently sensitive test methods are used for all sample analyses conducted for this permit. 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 will continue for the duration of the RGP. Because your discharge is expected to last twelve (12) months or more, you are subject to discharge monitoring requirements that begin

[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] http://www.epa.gov/region1/npdes/rgp.html.

September 1, 2018. See Part 4.6 and 5.2 of the RGP, and Appendix IV, Part 3 for more information regarding reporting requirements.

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 discharge and receiving water flow in the fillable electronic format submitted with the NOI. The entries for discharge and receiving water flow were corrected to the values provided in the NOI for the design flow, 50 gallons per minute (0.072 million gallons per day) and 7Q10, 4.5 cubic feet per second (2.9 million gallons per day). The reason for these corrections 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 copper of 232.9 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.

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: Charles Young, LSP, Stantec Consulting Services, Inc., via email
Nate Gardner, Stantec Consulting Services, Inc., via email
Jim Paolini, Town of Framingham
Cathy Vakalopoulos, MassDEP, via email

Table 1: Authorization Information

Permit Number	MAG910730
Receiving Water	Sudbury River
Outfall Number	Outfall 001 to Town of Framingham storm drain at Union Street Bridge
Monitoring Frequency	See Part 4.1.2 of the RGP
Reporting Requirement	See Part 4.6.1 of the RGP; NetDMR requirement begins Sept 1, 2018

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
Copper[4]	232.9 µg/L
Iron[4]	5,000 µg/L
Zinc[4]	420 µg/L
C. Halogenated Volatile Organic Compounds	
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**
	0.072 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