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

VIA EMAIL

Re: Authorization to discharge under the Remediation General Permit (RGP)

Based on review of a Notice of Intent (NOI) submitted for the site listed in the attached enclosure, the U.S. Environmental Protection Agency, Region 1 (EPA) hereby authorizes the named operator to discharge in accordance with the provisions of the RGP. The authorization number and effective date of coverage are listed in the attached enclosure.

The RGP and this authorization to discharge will expire on April 8, 2022, or upon Notice of Termination (NOT), whichever occurs first. You must submit a NOT within 30 days of the termination of discharges, which must include an electronic attachment of all monitoring data collected. You must also sumit monitoring data using NetDMR beginning on the date listed in the attached enclosure, unless you submit a NOT before this date.

The attached enclosure includes a summary of the applicable effluent limitations and monitoring requirements for your discharge. 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.[1] A Best Management Practices Plan (BMPP) and Best Management Practices (BMPs) are required for all operators.

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,

Damien Houlihan, Chief
Stormwater and Construction Permits Section
Water Division

[1] For the complete general permit, see EPA's RGP website, currently available at: https://www.epa.gov/npdes-permits/remediation-general-permit-rgp-massachusetts-new-hampshire.

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Enclosure: General Permit for Remediation Activity Discharges

I. Authorization Information

Authorization Date	July 23, 2021	
Authorization Number(s)	MAG910996	MAG910997
Authorized Operator(s)	Andrew Pramberger Skanska USA Civil Northeast, Inc. 1365 Main Street Waltham, MA 02451	Shallan Fitzgerald Harvard Allston Land Company 1350 Massachusetts Avenue Suite 739 Cambridge, MA 02138
Site Location	Harvard Enterprise Research Center (ERC) Roadways & Infrastructure Project 100 Western Avenue Boston, MA 02134	
Receiving Water	Charles River (MA72-36) Class B	
Outfall(s)	Outfall 001 via the City of Boston storm sewer system. Please note that the operator is responsible for obtaining permission to discharge to this system, prior to initiating discharges. EPA's authorization to discharge does not convey any such permission.	
Dilution Factor	74.6, except for parameters for which the receiving water is impaired, if applicable	
Activity Category	III, contaminated site dewatering	
Effluent Limitations	See Section II, below and Parts 2.1, 2.2 and 2.3 of the RGP	
Monitoring Requirements	See Parts 4.1, 4.3, and 4.4, and Appendix VII of the RGP	
Reporting Requirements	See Parts 2.5.2.e, 4.6, 5.1, 5.2 and 6, Appendix IV, and Appendix VIII and Appendix IX of the RGP	
NetDMR Start Date	July 1, 2022	
Special Conditions	See Section III, below and Part 2.5 of the RGP	

II. Effluent Limitations and Monitoring Requirements

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

Parameter[2]	**Effluent Limitation[3]**
A. Inorganics	
Ammonia	Report mg/L
Chloride	Report µg/L
Total Residual Chlorine	Not Required
Total Suspended Solids	30 mg/L

Antimony	206 µg/L
Arsenic	10 µg/L
Cadmium	10.2 µg/L
Chromium III	323 µg/L
Chromium VI	323 µg/L
Copper	242 µg/L
Iron	1,000 µg/L
Lead	160 µg/L
Mercury	0.739 µg/L
Nickel	1,450 µg/L
Selenium	235.8 µg/L
Silver	35.1 µg/L
Zinc	302.6 µg/L
Cyanide	178 mg/L
B. Non-Halogenated Volatile Organic Compounds	
Total BTEX	100 µg/L
Benzene	5.0 µg/L
1,4 Dioxane	Not Required
Acetone	7.97 mg/L
Phenol	1,080 µg/L
C. Halogenated Volatile Organic Compounds	
Carbon Tetrachloride	Not Required
1,2 Dichlorobenzene	600 µg/L
1,3 Dichlorobenzene	Not Required
1,4 Dichlorobenzene	5.0 µg/L
1,1 Dichloroethane	Not Required
1,2 Dichloroethane	Not Required
1,1 Dichloroethylene	Not Required
Ethylene Dibromide	Not Required
Methylene Chloride	Not Required
1,1,1 Trichloroethane	Not Required
1,1,2 Trichloroethane	Not Required
Trichloroethylene	5.0 µg/L
Tetrachloroethylene	Not Required
cis-1,2 Dichloroethylene	70 µg/L
Vinyl Chloride	2.0 µg/L
D. Non-Halogenated Semi-Volatile Organic Compounds	
Total Phthalates	190 µg/L
Diethylhexyl Phthalate	101 µg/L
Total Group I PAHs	1.0 µg/L
Benzo(a)anthracene	Report µg/L
Benzo(a)pyrene	Report µg/L
Benzo(b)fluoranthene	Report µg/L
Benzo(k)fluoranthene	Report µg/L
Chrysene	Report µg/L
Dibenzo(a,h)anthracene	Report µg/L

Indeno(1,2,3-cd)pyrene	Report µg/L
Total Group II PAHs	100 µg/L
Naphthalene	20 µg/L
E. Halogenated Semi-Volatile Organic Compounds	
Total PCBs[4]	0.000064 µg/L
Pentachlorophenol	Not Required
F. Fuels Parameters	
Total Petroleum Hydrocarbons	5.0 mg/L
Ethanol	Not Required
Methyl-tert-Butyl Ether	Not Required
tert-Butyl Alcohol	Not Required
tert-Amyl Methyl Ether	Not Required

Table 1 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 sample type required for all parameters is grab. Grab samples must be analyzed individually and cannot be composited.
3: The effluent limitation and/or monitor-only requirement for any parameter applies, unless "Not Required" is shown. The limitation type for all parameters is monthly average.
4: The compliance level for total PCBs is 0.5 µg/L.

Refer to Part 2.1.1 of the RGP for all chemical-specific footnotes.

Table 2: Effluent Flow Limitation[1]

Effluent Flow	**Effluent Limitation[2]**
	0.216 MGD

Table 2 Notes:

1: The following abbreviations are used in Table 3, above:
a: MGD = million gallons per day
2: The limitation type for effluent flow is daily maximum.

Table 3: pH Limitations[1]

Receiving Water Class	**Effluent Limitation[2]**
Freshwater Class B	6.5 to 8.3 SU

Table 3 Notes:

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

2: The limitation type for pH is range. The sample type required for pH is grab.

Table 4: Temperature Limitations[1]

Receiving Water Class	Effluent Limitation[2]	ΔT Limitation[3]
Freshwater Class B	Not Required	Not Required

Table 4 Notes

1: The following abbreviations are used in Table 5, above:
a: ^{o}F = degrees Fahrenheit
b: ΔT = change in temperature
c: ≤ = less than or equal to
2: Not Required
3: Not Required

Table 5: Additional Effluent Limitations and Monitor-Only Requirements[1]

Parameter[2]	Effluent Limitation[3]
Not Required	NA

Table 5 Notes:

1: The following abbreviations are used in Table 6, above:
a: NA = not applicable
2: NA
3: NA

III. Special Conditions

In accordance with Part 2.5.3 of the RGP, the chemical(s) and/or additive(s) which have been disclosed to EPA may be discharged up to the frequency and level disclosed, provided that such discharge does not violate Section 307 or 311 of the Clean Water Act or applicable state water quality standards. The specific chemical(s) and/or additive(s) authorized are the pH conditioner(s) and coagulant(s) disclosed in the NOI. To discharge any new chemical(s) and/or additive(s), a Notice of Change is required. See Part 5.1 and Appendix IV, Part 2 of the RGP for more information.

Your authorization to discharge includes the following additional water quality-based limitations: 1) total recoverable arsenic, iron, and zinc, and total PCBs. These limitations are being required in accordance with Part 1.3.5 of the RGP, because the receiving water is impaired for metals and PCBs and you disclosed that these pollutants are present at the site.