



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 submit 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,

A handwritten signature in blue ink, reading "Damien F. Houlihan".

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	September 24, 2021
Authorization Number(s)	MAG911005
Authorized Operator(s)	Lyle Grant Arcadis U.S., Inc. One Lincoln Center 110 West Fayette Street, Suite 300 Syracuse, NY 13202
Site Location	GE Former Tooling Center 3960 Mystic Valley Parkway Medford, MA 02155
Receiving Water	Mystic River (MA71-02) CLASS B (CSO)
Outfall(s)	001 via the City of Medford 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	0
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	October 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 Requirements¹

Parameter²	Effluent Limitation³
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	104 µg/L

Cadmium	0.25 µg/L
Chromium III	323 µg/L
Chromium VI	323 µg/L
Copper	9 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	3.2 µg/L
Zinc	120 µg/L
Cyanide	Not Required
B. Non-Halogenated Volatile Organic Compounds	
Total BTEX	100 µg/L
Benzene	5.0 µg/L
1,4 Dioxane	Not Required
Acetone	Not Required
Phenol	Not Required
C. Halogenated Volatile Organic Compounds	
Carbon Tetrachloride	Not Required
1,2 Dichlorobenzene	600 µg/L
1,3 Dichlorobenzene	320 µg/L
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	Not Required
Tetrachloroethylene	5.0 µg/L
cis-1,2 Dichloroethylene	70 µg/L
Vinyl Chloride	2.0 µg/L
D. Non-Halogenated Semi-Volatile Organic Compounds	
Total Phthalates	Not Required
Diethylhexyl Phthalate	Not Required
Total Group I PAHs	Not Required
Benzo(a)anthracene	Not Required
Benzo(a)pyrene	Not Required
Benzo(b)fluoranthene	Not Required
Benzo(k)fluoranthene	Not Required
Chrysene	Not Required
Dibenzo(a,h)anthracene	Not Required
Indeno(1,2,3-cd)pyrene	Not Required
Total Group II PAHs	Not Required

Naphthalene	Not Required
E. Halogenated Semi-Volatile Organic Compounds	
Total PCBs	0.000064 µg/L ⁴
Pentachlorophenol	Not Required
F. Fuels Parameters	
Total Petroleum Hydrocarbons	Not Required
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 other chemical-specific footnotes.

Table 2: Effluent Flow Limitation¹

Effluent Flow	Effluent Limitation ²
	0.072 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 Limitations¹

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 Limitations¹

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: °F = degrees Fahrenheit

b: ΔT = change in temperature

c: \leq = less than or equal to

2: Not Required

3: Not Required

Table 5: Additional Effluent Limitations and Monitor-Only Requirements¹

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, no discharges chemical(s) and/or additive(s) are authorized. 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.