



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 1

**5 Post Office Square, Suite 100
BOSTON, MA 02109-3912**

VIA EMAIL

June 26, 2017

Paul F. Lockwood, Jr.
J Derenzo Company
338 Howard Street
Brockton, MA 02302
plockwood@lrt-llc.net

Re: Authorization to discharge under the Remediation General Permit (RGP) – Authorization # MAG910707, for the Northpoint Development Project site located in Boston, Cambridge, and Somerville, MA

Dear Mr. Lockwood:

Based on the review of a Notice of Intent (NOI) dated June 1, 2017 submitted by The Vertex Companies, Inc. for the site referenced above, the U.S. Environmental Protection Agency, Region 1 (EPA) hereby authorizes J Derenzo Company, as the named operator, to discharge in accordance with the provisions of the RGP from this site via the City of Cambridge storm sewer system¹ to the Lechmere Canal (MA72-39), tributary to the 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 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. 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 terminate in June, 2019. Because your discharge is expected to last twelve (12)

¹ 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.

² <http://www.epa.gov/region1/npdes/rgp.html>.

months or more, you are subject to discharge monitoring requirements that begin **July 1, 2018**. See Part 4.6 and 5.2 of the RGP, and Appendix IV, Part 3 for more information regarding reporting requirements.

Your authorization to discharge includes the following additional condition: 1) A monitor-only requirement for sulfate. This additional monitoring requirement is being required in accordance with Part 2.2.3.c, Part 2.2.4, and Part 2.4.3.c of the RGP because you disclosed that this contaminant is present at the site. This letter provides this additional condition in writing. Monitoring for sulfate shall be conducted in conjunction with the monitoring required for the other parameters applicable in Part 2.1.1 of the RGP. Any test method in 40 CFR Part 136 may be used for analysis of sulfate (e.g., 375.2).

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, Chief
Storm Water and Construction Permits Section

Enclosure

cc: Mark Johnson, DW NP Property, LLC, via email
Jessica Fox, PE, The Vertex Companies, Inc., via email
William Gibbons, LSP, The Vertex Companies, Inc., via email
Jesse Freeman, PE, The Vertex Companies, Inc., via email
Jessica Korte, The Vertex Companies, Inc., via email
Cathy Vakalopoulos, MassDEP, via email
City of Cambridge Department of Public Works

GENERAL PERMIT FOR REMEDIATION ACTIVITY DISCHARGES

Table 1: Authorization Information

Permit Number	MAG910707
Receiving Water	Lechmere Canal
Outfall Number	Outfall 001 to City of Cambridge
Monitoring Frequency	See Part 4.1.2 of the RGP
Reporting Requirement	See Part 4.6.1.b of the RGP; NetDMR requirement begins July 1, 2018

Table 2: Chemical-Specific Effluent Limitations and Monitor-Only Requirements¹

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	10 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	1,000 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
B. Non-Halogenated Volatile Organic Compounds	
Total BTEX	100 µg/L
Benzene	5.0 µg/L
Acetone	7.97 mg/L
D. Non-Halogenated Semi-Volatile Organic Compounds	
Total Group I Polycyclic Aromatic Hydrocarbons ⁵	Report µg/L
Benzo(a)anthracene ⁵	Report µg/L
Benzo(a)pyrene ⁵	Report µg/L
Benzo(b)fluoranthene ⁵	Report µg/L
Benzo(k)fluoranthene ⁵	Report µg/L
Chrysene ⁵	Report µg/L
Dibenzo(a,h)anthracene ⁵	Report µg/L
Indeno(1,2,3-cd)pyrene ⁵	Report µg/L
Total Group II Polycyclic Aromatic Hydrocarbons	Report µg/L
Naphthalene	Report µg/L
E. Halogenated Semi-Volatile Organic Compounds	
Total Polychlorinated Biphenyls ⁶	0.000064 µg/L

F. Fuels Parameters	
Total Petroleum Hydrocarbons	5.0 mg/L
Ethanol	Report mg/L
Additional Parameters	
Sulfate	Report mg/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.

⁵ The ML for analysis of Group I PAHs must be less than or equal to 0.1 µg/L.

⁶ The compliance level for total PCBs is 0.5 µg/L.

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
Freshwater	6.5 to 8.3 SU

Table 4 Notes

¹ The following abbreviations are used in Table 4, above:

^a SU = standard units