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

VIA EMAIL

August 29, 2017

Keith Buchanan
National Response Corporation
19 National Drive
Franklin, MA 02038
kbuchanan@nrcc.com

Re: Notice of Change under the Remediation General Permit (RGP) – Authorization # MAG910737, for the 89 Spring Bars Road site located in Falmouth, MA

Dear Mr. Buchanan:

Based on the review of a Notice of Change (NOC) dated August 22, 2017 submitted by Lockwood Remediation Technologies, LLC. for the site referenced above, the U.S. Environmental Protection Agency, Region 1 (EPA) hereby provides written approval for the following changes:

1. Request for change in site-specific effluent flow limitation. The effluent flow limitation is increased from 0.144 million gallons per day (MGD) to 0.360 MGD.

The effective date of these changes is the date of this letter, unless otherwise stated.

Enclosed with this letter is a revised summary of the applicable parameters and effluent limitations for your activity category I, petroleum-related site remediation discharge. Please note that the remaining requirements of the authorization to discharge issued on August 16, 2017 remain unchanged. For the complete general permit, see EPA's RGP website.[1]

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

Thank you in advance for your cooperation in this matter. Please contact me 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: James McLoughlin, Town of Falmouth
Tammie Hagie, Lockwood Remediation Technologies, LLC., via email
Paul Lockwood, Lockwood Remediation Technologies, LLC., via email
Xiaodan Ruan, MassDEP, via email

Table 1: Authorization Information

Permit Number	MAG910737
Receiving Water	Little Pond
Outfall Number	Outfall 001
Monitoring Frequency	See Part 4.1.2 of the RGP
Reporting Requirement	See Part 4.6.1 of the RGP; NetDMR not required

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]	100 µg/L
Chromium VI[4]	50 µg/L
Copper[4]	3.7 µg/L
Iron[4]	5,000 µg/L
Lead[4]	8.5 µg/L
Mercury[4]	0.739 µg/L
Nickel[4]	8.3 µg/L
Selenium[4]	235.8 µg/L
Silver[4]	35.1 µg/L
Zinc[4]	86 µg/L
Cyanide[5]	1.0 µg/L
B. Non-Halogenated Volatile Organic Compounds	
Total BTEX	100 µg/L
Benzene	5.0 µg/L
Acetone	7.97 mg/L
Phenol	1,080 µg/L
D. Non-Halogenated Semi-Volatile Organic Compounds	
Total Phthalates	190 µg/L
Diethylhexyl Phthalate	101 µg/L
Total Group I Polycyclic Aromatic Hydrocarbons[6]	1.0 µg/L
Benzo(a)anthracene[6]	Report µg/L
Benzo(a)pyrene[6]	Report µg/L
Benzo(b)fluoranthene[6]	Report µg/L
Benzo(k)fluoranthene[6]	Report µg/L
Chrysene[6]	Report µg/L
Dibenzo(a,h)anthracene[6]	Report µg/L
Indeno(1,2,3-cd)pyrene[6]	Report µg/L

Total Group II Polycyclic Aromatic Hydrocarbons	100 µg/L
Naphthalene	20 µg/L
F. Fuels Parameters	
Total Petroleum Hydrocarbons	5.0 mg/L
tert-Butyl Alcohol	120 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.

[5] The compliance level for total cyanide is 5.0 µg/L. The ML for analysis of total cyanide must be less than or equal to 5.0 µg/L.

[6] The ML for analysis of group I PAHs must be less than or equal to 0.1 µg/L.

Table 3: Effluent Flow Limitation

Effluent Flow	**Effluent Limitation**
	0.360 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