



89 Crawford Street
Leominster, Massachusetts 01453
Tel: 774.450.7177
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www.lrt-llc.net

May 15, 2018

U.S. Environmental Protection Agency
Office of Ecosystem Protection
EPA/OEP RGP Applications Coordinator
5 Post Office Square, Suite 100 (OEP06-01)
Boston, Massachusetts 02109-3912

Reference: **Notice of Change #MAG910790**
 3 Arlington Street
 Quincy, MA
 LRT Reference # 2-1660

Dear Sir/Madam:

On behalf of Walsh Contracting Corp. (Walsh), Lockwood Remediation Technologies, LLC (LRT) has prepared this Notice of Change (NOC) for NPDES Permit # MAG910790 in accordance with the general requirements of the NPDES and related guidance documentation provided by EPA. The completed NOC form is attached.

On May 7, 2018, the EPA issued a NPDES RGP to discharge treated water to the Neponset River that will be generated during dewatering activities for the above-referenced site. Due to an increase in the amount of water generated during excavation and dewatering activities, LRT on behalf of Walsh is requesting that the discharge flow rate be increased from 300 gallons per minute (gpm) to 500 gpm. The increase in the flow rate: 1) will not exceed 1.0 million gallons per day (mgd). The increase in flow rate indicates a flow of 0.720 mgd; 2) will not exceed the design flow of the treatment system; 3) has not changed any water quality based effluent limitations (WQBEL); and 4) the effluent limitations will continue to be complied. See attached for revised figure with 500 gpm system layout and WQBEL calculations. In addition, the discharge location changed from a catch basin in Arlington Street to a catch basin in Fayette Street. See attached figure for discharge location.

Please feel free to contact us at 774-450-7177 if you have any questions or if you require additional information.

Sincerely,
Lockwood Remediation Technologies, LLC

Tammie Hagie

Tammie Hagie
Estimator

Paul Lockwood

Paul Lockwood
President

Encl: Figures
 WQBEL Calculations
 NOC Form

cc: Mr. Rob Crear – Walsh Contracting Corp.
 Mr. Chris Alvino - Procon

II. Suggested Format for the Remediation General Permit Notice of Change (NOC)

A. General site information

1. NPDES permit number assigned by EPA:			
2. Name of site:	Site address:		
	Street:		
	City:	State:	Zip:
3. Site owner Owner is (check one): <input type="checkbox"/> Federal <input type="checkbox"/> State/Tribal <input type="checkbox"/> Private <input type="checkbox"/> Other, if so, describe:	Contact Person:		
	Telephone:	Email:	
	Mailing address:		
	Street:		
	City:	State:	Zip:
4. Site operator, if different than owner	Contact Person:		
	Telephone:	Email:	
	Mailing address:		
	Street:		
	City:	State:	Zip:
5. Discharge identification:	Discharge location:	Receiving water(s):	

B. Type of change(s) requested

Requested change (check all that apply):	
<input type="checkbox"/>	1. Request for reduction in monitoring requirements to no less than once per year, based on monitoring data attached in accordance with Appendix IV, Part 2 instructions. Written approval by EPA is required for this change to be effective.
<input type="checkbox"/>	i. Influent monitoring requirement reduction based on monitoring data for six (6) consecutive months and ten (10) samples.
<input type="checkbox"/>	ii. Effluent monitoring requirement reduction based on monitoring data for six (6) consecutive months and ten (10) samples that are in compliance with the RGP effluent limitations, and data and BMP requirements.
<input checked="" type="checkbox"/>	2. Request for site-specific effluent flow limitation, which will not exceed 1.0 MGD or the design flow of the treatment system, or site-specific monitoring requirement that eliminates flow meter requirement based on written rationale attached in accordance with Appendix IV, Part 2 instructions. Written approval by EPA is required for this change to be effective.
<input type="checkbox"/>	3. Request for a change in pH range approved by NHDES, based on supporting documentation attached in accordance with Appendix IV, Part 2 instructions. Written approval by EPA is required for this change to be effective.
<input type="checkbox"/>	4. Request for change in authorized pollutants or pollutant parameters, based on monitoring data attached in accordance with Appendix IV, Part 2 instructions. This type of change requires written approval by EPA. Additional effluent limitations and/or monitoring requirements may apply.
<input type="checkbox"/>	5. Request to discharge chemical(s) and/or additive(s) that were not disclosed in the NOI submitted for the site, based on written rationale and/or monitoring data attached in accordance with Appendix IV, Part 2 instructions. Written approval by EPA is required for this change to be effective.
<input type="checkbox"/>	6. Change to administrative information. Supporting documentation is attached in accordance with Appendix IV, Part 2 instructions.
<input checked="" type="checkbox"/>	7. Notification of a change in discharge location. The receiving water information submitted with the NOI for the site remains unchanged. Supporting documentation is attached in accordance with Appendix IV, Part 2 instructions.
<input type="checkbox"/>	8. Notification of a change in activity area. The receiving water information submitted with the NOI for the site and the operator named in the authorization to discharge remain unchanged. Any change in treatment or discharge location are also included in the NOC, or are unchanged. Supporting documentation is attached in accordance with Appendix IV, Part 2 instructions.
<input type="checkbox"/>	9. Notification of a change to a treatment system or process that adds or removes any major component. Supporting rationale is attached in accordance with Appendix IV, Part 2 instructions.
<input type="checkbox"/>	10. Notification of a temporary cessation of discharge greater than 90 days. Supporting rationale is attached in accordance with Appendix IV, Part 2 instructions.

C. Certification requirement

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Notification provided to the appropriate State, including a copy of this NOC.

Check one: Yes ☒ No ☐

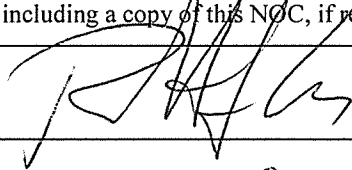
Notification has been provided to the municipality in which the discharge is located, including a copy of this NOC, if requested.

Check one: Yes ☒ No ☐

Notification has been provided to the owner of a private or municipal storm sewer system, if such system is used for site discharges, including a copy of this NOC, if requested.

Check one: Yes ☒ No ☐ NA ☐

Signature:



Date: 5/14/18

Print Name and Title: ROBERT CARR PROJECT MANAGER



Source: USDA FSA, DigitalGlobe, GeoEye

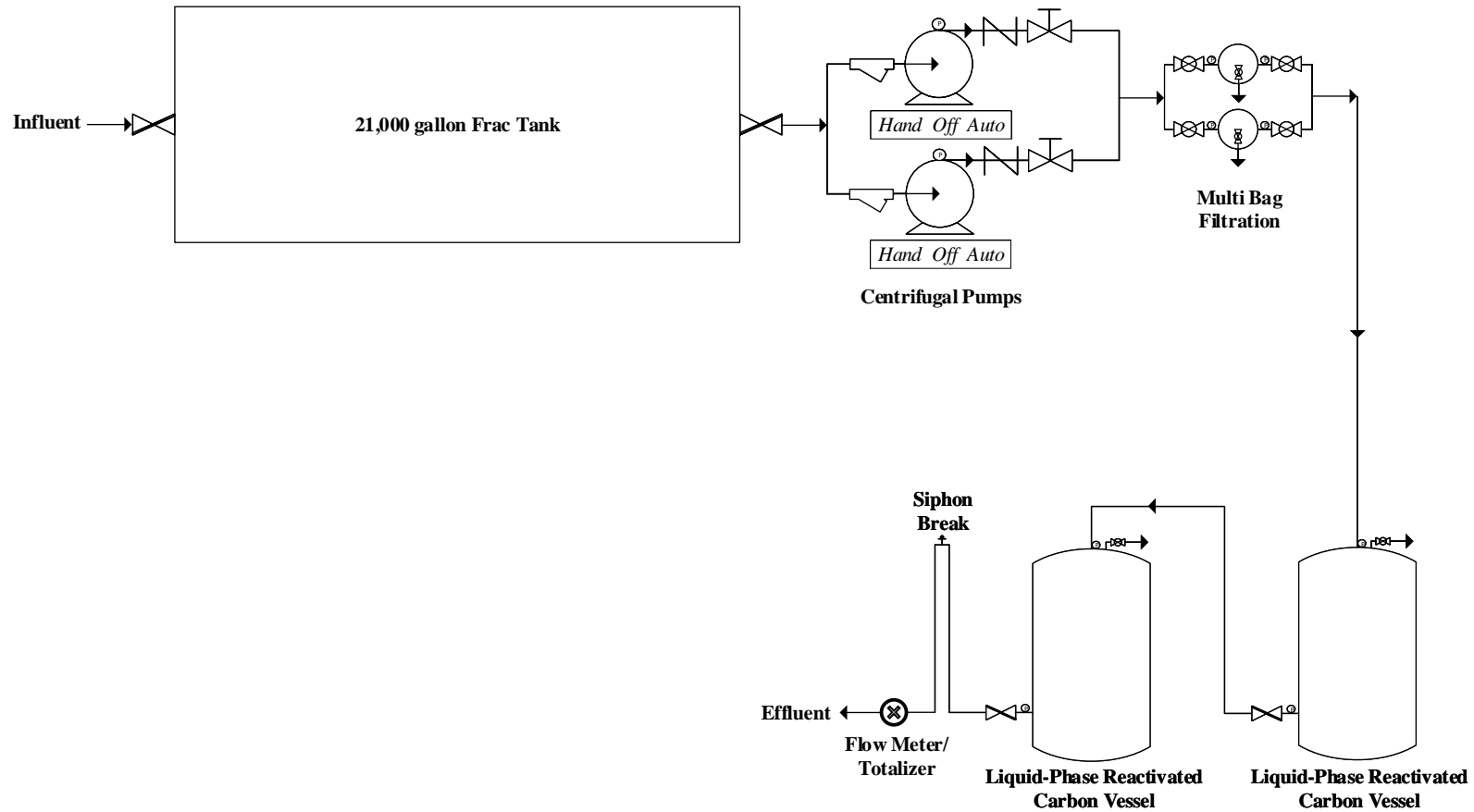
KEY

Outfall ⊕
Discharge Location ⊕



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Figure 2 - Discharge Location
3 Arlington Street
Quincy, Massachusetts

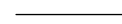


Notes:

- 1.) Figure is not to scale
- 2.) System rated for 500 GPM

Key:

Piping/Hose



Lockwood Remediation Technologies, LLC
89 Crawford Street
Leominster, MA 01453
Office: 774-450-7177

DESIGNED BY: LRT

DRAWN BY: B. Watkins

CHECKED BY:

DATE:

Water Treatment System Schematic

3 Arlington Street
Quincy, Massachusetts

PROJECT No.
2-1660

FIGURE No.
3

Dilution Factor	1.0					
	TBEL applies if bolded		WQBEL applies if bolded		Compliance Level applies if shown	
A. Inorganics						
Ammonia	Report	mg/L	---			
Chloride	Report	µg/L	---			
Total Residual Chlorine	0.2	mg/L	11	µg/L	50	µg/L
Total Suspended Solids	30	mg/L	---			
Antimony	206	µg/L	640	µg/L		
Arsenic	104	µg/L	10	µg/L		
Cadmium	10.2	µg/L	0.2482	µg/L		
Chromium III	323	µg/L	78.3	µg/L		
Chromium VI	323	µg/L	11.4	µg/L		
Copper	242	µg/L	8.4	µg/L		
Iron	5000	µg/L	1000	µg/L		
Lead	160	µg/L	2.74	µg/L		
Mercury	0.739	µg/L	0.91	µg/L		
Nickel	1450	µg/L	47.3	µg/L		
Selenium	235.8	µg/L	5.0	µg/L		
Silver	35.1	µg/L	3.1	µg/L		
Zinc	420	µg/L	108.6	µg/L		
Cyanide	178	mg/L	5.2	µg/L	---	µg/L
B. Non-Halogenated VOCs						
Total BTEX	100	µg/L	---			
Benzene	5.0	µg/L	---			
1,4 Dioxane	200	µg/L	---			
Acetone	7970	µg/L	---			
Phenol	1,080	µg/L	300	µg/L		
C. Halogenated VOCs						
Carbon Tetrachloride	4.4	µg/L	1.6	µg/L		
1,2 Dichlorobenzene	600	µg/L	---			
1,3 Dichlorobenzene	320	µg/L	---			
1,4 Dichlorobenzene	5.0	µg/L	---			
Total dichlorobenzene	---	µg/L	---			
1,1 Dichloroethane	70	µg/L	---			
1,2 Dichloroethane	5.0	µg/L	---			
1,1 Dichloroethylene	3.2	µg/L	---			
Ethylene Dibromide	0.05	µg/L	---			
Methylene Chloride	4.6	µg/L	---			
1,1,1 Trichloroethane	200	µg/L	---			
1,1,2 Trichloroethane	5.0	µg/L	---			
Trichloroethylene	5.0	µg/L	---			
Tetrachloroethylene	5.0	µg/L	3.3	µg/L		
cis-1,2 Dichloroethylene	70	µg/L	---			
Vinyl Chloride	2.0	µg/L	---			
D. Non-Halogenated SVOCs						
Total Phthalates	190	µg/L	---	µg/L		
Diethylhexyl phthalate	101	µg/L	2.2	µg/L		

Total Group I Polycyclic Aromatic Hydrocarbons	1.0	µg/L	---			
Benzo(a)anthracene	1.0	µg/L	0.0038	µg/L	---	µg/L
Benzo(a)pyrene	1.0	µg/L	0.0038	µg/L	---	µg/L
Benzo(b)fluoranthene	1.0	µg/L	0.0038	µg/L	---	µg/L
Benzo(k)fluoranthene	1.0	µg/L	0.0038	µg/L	---	µg/L
Chrysene	1.0	µg/L	0.0038	µg/L	---	µg/L
Dibenzo(a,h)anthracene	1.0	µg/L	0.0038	µg/L	---	µg/L
Indeno(1,2,3-cd)pyrene	1.0	µg/L	0.0038	µg/L	---	µg/L
Total Group II Polycyclic Aromatic Hydrocarbons	100	µg/L	---			
Naphthalene	20	µg/L	---			
E. Halogenated SVOCs						
Total Polychlorinated Biphenyls	0.000064	µg/L	---		0.5	µg/L
Pentachlorophenol	1.0	µg/L	---			
F. Fuels Parameters						
Total Petroleum Hydrocarbons	5.0	mg/L	---			
Ethanol	Report	mg/L	---			
Methyl-tert-Butyl Ether	70	µg/L	20	µg/L		
tert-Butyl Alcohol	120	µg/L	---			
tert-Amyl Methyl Ether	90	µg/L	---			