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

VIA EMAIL

July 10, 2020

Eric Simpson
Colbea Enterprises, LLC
7 Starline Way
Cranston, RI 02921

Re: Authorization to discharge under the Remediation General Permit (RGP) – Authorization #MAG910934 for the Colbea-Shell Gasoline Station located at 1833 Wilbur Avenue in Somerset, MA

Eric Simpson:

Based on the review of a Notice of Intent (NOI) dated May 19, 2020 submitted by Tg2 Solutions, LLC for the site referenced above, the U.S. Environmental Protection Agency, Region 1 (EPA) hereby authorizes Colbea Enterprises, LLC, as the named operator, to discharge in accordance with the provisions of the RGP from this site via the Somerset storm sewer system to the Lee River (MA61-02). 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. The authorization number is listed above. The effective date of coverage is the date of this authorization letter. The RGP and this authorization to discharge will expire on April 8, 2022, or upon Notice of Termination, whichever occurs first. In accordance with Part 5.3 of the RGP, your permit coverage will be administratively continued upon expiration if the RGP has not been reissued.

Enclosed with this RGP authorization to discharge is a summary of the applicable effluent limitations and monitoring requirements for your activity category I, petroleum-related site remediation discharge. Where a given parameter does not apply to the discharge, EPA has indicated "Not Required" in the enclosed summary. No dilution factor 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. 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.

A Best Management Practices Plan (BMPP) and Best Management Practices (BMPs) are required for all operators. This includes corrective actions required upon discovery of a violation of a permit limitation or requirement. See Part 2.5.1 and 2.5.2 of the RGP for more information.

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.

Monitoring requirements begin upon initiation of discharge. 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 a minimum level (ML) for analysis for a given parameter that is no greater than the effluent limitation for that parameter, unless otherwise specified for that parameter. Where no effluent limitation applies, EPA has provided the ML required with the enclosed summary. Where a compliance level applies, EPA has provided the required compliance level with the enclosed summary. See Part 4.1, 4.3, and 4.4 of the RGP for more information regarding monitoring requirements. Also see Appendix VII for more information regarding sufficiently sensitive test methods.

You must submit a Notice of Termination (NOT) within thirty (30) days of the termination of discharges, which must include an electronic attachment in accordance with Appendix VIII of all monitoring data collected. Since you have reported your discharges are not expected to last twelve (12) months or more, EPA expects you will not be subject to NetDMR reporting requirements. However, if EPA does not receive a NOT, you must begin submitting monitoring data using NetDMR for the monitoring period beginning on August 1, 2021. See Parts 4.6, 5.1, 5.2 and 6, Appendix IV, and Appendix VIII of the RGP for more information regarding reporting requirements. For additional Appendix VIII resources, including instructions for establishing a NetDMR account, see EPA's RGP website noted above.

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,

NEWTON TEDDER

Digitally signed by NEWTON TEDDER
Date: 2020.07.10 17:16:26 -04'00'

Newton Tedder, for
Todd Borci, Acting Chief
Stormwater and Construction Permits Section
Water Division

Enclosure

cc: Cathy Vakalopoulos, MassDEP, via email
Somerset Stormwater Management Department, via email

Table 1: Authorization Information

Permit Number	MAG910934
Receiving Water	Lee River
Outfall Number(s)	Outfall 001 to Town of Somerset
Monitoring Requirements	See Table 2 through Table 6, below; See Parts 4.1, 4.3 and 4.4 of the RGP; WET testing required
Reporting Requirements	See Parts 4.6, 5.1, 5.2 and 6 of the RGP; NetDMR reporting will begin Aug 1, 2021 unless NOT received by EPA

Table 2: Chemical-Specific Effluent Limitations and Monitor-Only Requirements[1]

Parameter[2]	Effluent Limitation[3]
A. Inorganics	
Ammonia[4]	Report mg/L
Chloride[5]	Report µg/L
Total Residual Chlorine[6]	Not Required
Total Suspended Solids	30 mg/L
Antimony[7]	206 µg/L
Arsenic[7]	104 µg/L
Cadmium[7]	10.2 µg/L
Chromium III[7]	323 µg/L
Chromium VI[7]	323 µg/L
Copper[7]	3.7 µg/L
Iron[7]	5,000 µg/L
Lead[7]	160 µg/L
Mercury[7]	0.739 µg/L
Nickel[7]	1,450 µg/L
Selenium[7]	235.8 µg/L
Silver[7]	35.1 µg/L
Zinc[7]	86 µg/L
Cyanide[8]	Not Required
B. Non-Halogenated Volatile Organic Compounds	
Total BTEX[9]	100 µg/L
Benzene	5.0 µg/L
1,4 Dioxane	Not Required
Acetone	7.97 mg/L
Phenol	300 µg/L
C. Halogenated Volatile Organic Compounds	
Carbon Tetrachloride	Not Required
1,2 Dichlorobenzene	Not Required
1,3 Dichlorobenzene	Not Required
1,4 Dichlorobenzene	Not Required
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	Not Required
cis-1,2 Dichloroethylene	Not Required
Vinyl Chloride	Not Required
D. Non-Halogenated Semi-Volatile Organic Compounds	
Total Phthalates[10]	Not Required
Diethylhexyl Phthalate	Not Required
Total Group I Polycyclic Aromatic Hydrocarbons[11]	1.0 µg/L
Benzo(a)anthracene[11]	Report µg/L
Benzo(a)pyrene[11]	Report µg/L
Benzo(b)fluoranthene[11]	Report µg/L
Benzo(k)fluoranthene[11]	Report µg/L
Chrysene[11]	Report µg/L
Dibenzo(a,h)anthracene[11]	Report µg/L
Indeno(1,2,3-cd)pyrene[11]	Report µg/L
Total Group II Polycyclic Aromatic Hydrocarbons[12]	100 µg/L
Naphthalene	20 µg/L
E. Halogenated Semi-Volatile Organic Compounds	
Total Polychlorinated Biphenyls[13]	Not Required
Pentachlorophenol	Not Required
F. Fuels Parameters	
Total Petroleum Hydrocarbons	5.0 mg/L
Ethanol[14]	Not Required
Methyl-tert-Butyl Ether	Not Required
tert-Butyl Alcohol	Not Required
tert-Amyl Methyl Ether	Not Required

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 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 minimum level (ML) for analysis of ammonia must be less than or equal to 0.1 mg/L.

5: The ML for analysis of chloride must be less than or equal to 230 mg/L.

6: The ML for analysis of total residual chlorine (TRC) must be less than or equal to 50 µg/L.

7: The limitation for this parameter is on the basis of total recoverable metal in the water column.

8: The ML for analysis of total cyanide must be less than or equal to 5.0 µg/L.

9: Total BTEX is the sum of: benzene; toluene; ethylbenzene; and (m,p,o) xylenes.

10: Total Phthalates is the sum of: diethylhexyl phthalate; butyl benzyl phthalate; di-n-butyl phthalate; diethyl phthalate; dimethyl phthalate; and di-n-octyl phthalate.

11: Total Group I PAHs is the sum of: benzo(a)anthracene; benzo(a)pyrene; benzo(b)fluoranthene; benzo(k)fluoranthene; chrysene; dibenzo(a,h)anthracene; indeno(1,2,3-cd)pyrene. ML for analysis of group I polycyclic aromatic hydrocarbons (PAHs) must be less than or equal to 0.1 µg/L using a test method in 40 CFR §136 with selected ion monitoring. MassDEP (e.g., EPH) and RCRA (e.g., 8260) methods cannot be used for analysis.

12: Total Group II PAHs is the sum of: acenaphthene; acenaphthylene; anthracene (CAS No. 120-12-7); benzo(g,h,i)perylene; fluoranthene; fluorene; naphthalene; phenanthrene; pyrene. MassDEP (e.g., EPH) and RCRA (e.g., 8270) methods cannot be used for analysis.

13: Total PCBs is the sum of the following aroclors: PCB-1016, PCB-1221, PCB-1232, PCB-1242, PCB-1248, PCB-1254, and PCB-1260. The ML for analysis of total polychlorinated biphenyls (PCBs) must be less than or equal to 0.5 µg/L.

Table 3: Effluent Flow Limitation[1]

Effluent Flow	**Effluent Limitation**
	0.0864 MGD

Table 3 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 4: pH Limitations[1]

Receiving Water Class	**Effluent Limitation[2]**
Saltwater	6.5 to 8.5 SU

Table 4 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 5: Temperature Limitations[1]

Receiving Water Class		Effluent Limitation[2]	ΔT Limitation
Saltwater	Class SA	Not Required	Not Required

Table 5 Notes

1: The following abbreviations are used in Table 5, above:
- a: °F = degrees Fahrenheit
- b: ΔT = change in temperature
- c: ≤ = less than or equal to

2: The limitation type for temperature is daily maximum. The ample type required for temperature is grab.

3: Change in temperature from background shall be determined by subtracting the temperature of the effluent from the temperature of the receiving water measured at a point immediately upstream of a discharge's zone of influence at a reasonably accessible location.

Table 6: Additional Requirements

Parameter[2]	Effluent Limitation[3]
LC_{50}	Report %

Table 6 Notes:

1: The following abbreviations are used in Table 6, above:
- a: LC_{50} = lethal concentration 50% test endpoint
- b: % = percent

2: One acute whole effluent toxicity test must be conducted no later than 30 days following authorization to discharge. See Part 4.1.6 of the RGP and Attachment A: Whole Effluent Toxicity Test Procedure and Protocol.

3: Monitor-only requirement. Results must be submitted to EPA in accordance with Part 4.6.1 of the RGP upon completion.