

BUREAU OF AIR MANAGEMENT TITLE V OPERATING PERMIT

Issued pursuant to Title 22a of the Connecticut General Statutes (CGS) and Section 22a-174-33 of the Regulations of Connecticut State Agencies (RCSA) and pursuant to the Code of Federal Regulations (CFR), Title 40, Part 70.

| | |
|--|----------------|
| Title V Permit Number | 097-0127-TV |
| Client/Sequence/Town/Premises Numbers | 197/10/97/225 |
| Date Issued | August 4, 2025 |
| Expiration Date | August 4, 2030 |

Corporation:

Town of Manchester, Sanitation Division

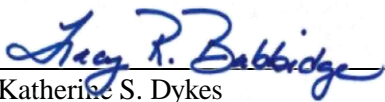
Premises Location:

Manchester Landfill Premises, 1 Landfill Way, Manchester, Connecticut 06040

Name of Responsible Official and Title:

Steve Stephanou, Town Manager

All the following attached pages, 2 through 47, are hereby incorporated by reference into this Title V permit.

for 
Katherise S. Dykes
Commissioner

August 4, 2025
Date

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Title V Operating Permit

All conditions in Sections III, IV, and VI of this Title V permit are enforceable by both the Administrator and the commissioner unless otherwise specified. Applicable requirements and compliance demonstration are set forth in Section III of this Title V permit. The Administrator or any citizen of the United States may bring an action to enforce all permit terms or conditions or requirements contained in Sections III, IV, and VI of this Title V permit in accordance with the Clean Air Act, as amended.

LIST OF ABBREVIATIONS/ACRONYMS

| <i>Abbreviation/Acronym</i> | <i>Description</i> |
|-----------------------------|---|
| °C | Degree Celsius |
| °F | Degree Fahrenheit |
| Btu/scf | British thermal units per standard cubic feet |
| CFR | Code of Federal Regulations |
| CGS | Connecticut General Statutes |
| cm ² | Centimeter square |
| CO | Carbon Monoxide |
| DEEP | Department of Energy and Environmental Protection |
| EU | Emissions Unit |
| EPA | Environmental Protection Agency |
| GCCS | Gas Capture and Control System |
| GCOCS | Gas Capture and Odor Control System |
| GEU | Grouped Emissions Unit |
| HAP | Hazardous Air Pollutant |
| hr | Hour |
| ICE | Internal Combustion Engine |
| kPa | Kilopascal |
| kW | Kilowatt |
| lb | Pound |
| LFG | Landfill Gas |
| MASC | Maximum Allowable Stack Concentration |
| Mg/yr | Megagram per year |
| MMBtu/hr | Million British thermal units per hour |
| MMcf | Million cubic feet |
| mmHg | Millimeters of Mercury |
| N ₂ | Nitrogen gas |
| NMOC | Non Methane Organic Compound |
| NO _x | Nitrogen Oxides |
| NSR | New Source Review |
| O ₂ | Oxygen |
| PM | Particulate Matter |
| PM ₁₀ | Particulate Matter less than 10 microns |
| PM _{2.5} | Particulate Matter less than 2.5 microns |
| ppmv | Parts per million, volumetric basis |
| ppmvd | Parts per million, volumetric basis dry |
| PSI | Pound per square inch |
| RCSA | Regulations of Connecticut State Agencies |
| RICE | Reciprocating Internal Combustion Engine |
| scfm | Standard cubic feet per minute |
| SIC | Standard Industrial Classification Code |
| SO ₂ | Sulfur Dioxide |
| SO _x | Sulfur Oxides |
| tpy | Tons per year |
| VOC | Volatile Organic Compound |

Section I: Premises Information/Description

A. PREMISES INFORMATION

Nature of Business: Regional Bulky and Special Waste Landfill
Primary SIC: 4953

Facility Mailing Address: 41 Center Street, P.O. Box 191, Manchester, CT 06045-0191
Telephone Number: (860) 647-3067

B. PREMISES DESCRIPTION

The Town of Manchester, Sanitation Division (Manchester Landfill) owns and operates a regional bulky and special waste landfill. Manchester Landfill has accepted waste, including municipal solid waste (MSW), since the 1950's. The landfill ceased acceptance of municipal solid waste on January 1, 2000. The wastes currently being disposed of at the landfill consist of commercial and residential construction debris, bulky waste, and certain Connecticut regulated special wastes. The landfill gas (LFG) collection system, which consists of numerous LFG collection wells and an enclosed flare, operates in accordance with New Source Review (NSR) Permit No. 097-0114.

The Manchester Landfill voluntarily installed a gas capture and odor control system (GCOCS) in 2001 to control odors from the facility. The system originally consisted of 30 LFG collection wells, lateral piping from the LFG collection wells to a main header, leachate discharge piping, condensate collection sumps, air pumps, discharge piping, a combined leachate/condensate pumping station and an enclosed flare.

In December of 2003, Manchester Landfill received a permit for a vertical expansion of the landfill, which brought its design capacity to greater than 2.5 million megagrams by mass and 2.5 million cubic meters by volume. With this expansion, the landfill became subject to 40 CFR Part 60 Subpart WWW – Standards of Performance for Municipal Solid Waste Landfills. Since the landfill now had a design capacity greater than or equal to 2.5 million megagrams and 2.5 million cubic meters, it became subject to Title V permitting under 40 CFR Part 70. Manchester Landfill is not otherwise subject to Title V permitting based on overall premise pollutant emission rates.

The landfill's historical Non Methane Organic Compound (NMOC) generation rate has been less than 50 megagrams per year. Therefore, a gas capture and control system (GCCS) was not required by 40 CFR Part 60 Subpart WWW and Manchester Landfill's GCOCS was not required to comply with the GCCS requirements of this subpart.

In 2017, Manchester Landfill received approval for the installation/replacement of LFG wells and associated header equipment to increase the system's collection and control efficiency. The total number of LFG collection wells was increased to 45 as a result of this system upgrade, which was completed in February 2019.

In October 2019, Manchester Landfill received approval for a minor permit amendment to the landfill's existing solid waste permit to allow for additional capacity. Through the construction of a mechanically stabilized earth (MSE) berm, the capacity of the landfill would increase by approximately 700,000 cubic yards, which will add approximately 3 to 4 years to the lifespan of the landfill. Therefore, with this expansion, Manchester Landfill became subject to the requirements of 40 CFR Part 60 Subpart XXX – Standards of Performance for Municipal Solid Waste Landfills That Commenced Construction, Reconstruction, or Modification After July 17, 2014, as a modified source. Manchester Landfill completed construction of the first phase of the MSE berm wall in July 2024.

Section I: Premises Information/Description

Although Manchester Landfill operates the GCOCS in accordance with the requirements of NSR Permit No. 097-0114, the installation of a GCCS is not required by 40 CFR Part 60 Subpart XXX since the landfill's historical annual NMOC generation rate has been documented to be less than 34 megagrams per year.

In addition to the landfill, facility operations include emission sources that are located at the contiguous premises that are operated by the following Town departments: Fleet Maintenance Division, Recreation Department, Highway Division, Sanitation Division, Board of Education and Water & Sewer Department.

The facility is a non-major source based on the site-specific NMOC generation rate, emission estimates and major source thresholds. The premises is considered a Title V source pursuant to RCSA §22a-174-33(a)(10)(A).

Manchester Landfill operates five emergency engines. One emergency engine is subject to 40 CFR Part 63 Subpart ZZZZ and four are subject to 40 CFR Part 60 Subpart IIII. Manchester Landfill also operates one boiler that is subject to 40 CFR Part 63 Subpart JJJJJ.

The premises has multiple small fuel burning sources, i.e. natural gas, diesel, gasoline, and propane, that do not trigger individual permitting requirements, cold cleaners subject to RCSA §22a-174-20(1), a gasoline fuel dispensing station subject to 40 CFR Part 63 Subpart CCCCCC, and other small miscellaneous sources not subject to individual permits.

Section II: Emissions Units Information

A. EMISSIONS UNITS DESCRIPTION

Emissions units are set forth in Table II.A. It is not intended to incorporate by reference these NSR Permits or Regulations into this Title V permit.

| TABLE II.A: EMISSIONS UNITS DESCRIPTION | | | | |
|--|-------|---|--|---|
| Emissions Unit/Grouped Emissions Unit | | Emissions Unit Description | Control Unit Description | Permit or Regulation Number |
| EU-1 | | Municipal Solid Waste Landfill with Flare and Gas Collection and Control System Location: Landfill | Perennial Energy XLE Enclosed Landfill Flare | NSR Permit No. 097-0114 40 CFR Part 60 Subpart XXX |
| EU-53 | | 100 kW, 135 HP Fermont/White Emergency Generator Location: 263 Olcott, Emergency Generator Room | None | RCSA §22a-174-3b(e) 40 CFR Part 63 Subpart ZZZZ EPA Certified Tier 3 Compliant Engine |
| GEU-1 | EU-69 | 10,000 gal Aboveground Gasoline Storage Tank Location: Refueling Area | None | 40 CFR Part 63 Subpart CCCCCC |
| | EU-70 | Dispensing Fuel Pump System for Gasoline Location: Refueling Area | | |
| GEU-2 | EU-74 | Cold Cleaning 35 gallon Sump Location: Fleet, 8 Bay Area | None | RCSA §22a-174-20(l) |
| | EU-75 | Cold Cleaning 35 gallon Sump, Sink Type Location: Fleet, 8 Bay Area | | |
| | EU-76 | Cold Cleaning Sink Type Location: 263 Olcott, Old Fleet | | |
| | EU-79 | Cold Cleaning Sink Type Location: Waste Water Treatment Plant | | |
| EU-81 | | 200 kW Cummins/Onan 200DSHAC Diesel Emergency Generator Location: 321 Olcott, Highway Garage | None | RCSA §22a-174-3b(e) 40 CFR Part 60 Subpart III EPA Certified Tier 3 Compliant Engine |

Section II: Emissions Units Information

| TABLE II.A: EMISSIONS UNITS DESCRIPTION | | | | |
|--|-------|---|---------------------------------|---|
| Emissions Unit/Grouped Emissions Unit | | Emissions Unit Description | Control Unit Description | Permit or Regulation Number |
| GEU-3 | EU-82 | 100 kW Cummins DSGAA Diesel Emergency Generator Location: Love Lane | None | EPA Certified Tier 3 Compliant Engines |
| | EU-89 | 100 kW Kohler Diesel Emergency Generator Location: Waste Water Treatment Plant | | 40 CFR Part 60 Subpart III |
| EU-90 | | 1,600 kW Kohler Diesel Emergency Generator Location: Waste Water Treatment Plant | None | RCSA §22a-174-3b(e) RCSA §22a-174-22f 40 CFR Part 60 Subpart III EPA Certified Tier 3 Compliant Engine |
| EU-94 | | 0.144 MMBtu/hr Weil McLain No. 2 Fuel Oil Fired Boiler Location: 205 Olcott, Grange Hall | None | 40 CFR Part 63 Subpart JJJJJ |

B. OPERATING SCENARIO IDENTIFICATION

The Permittee shall be allowed to operate under the following Standard Operating Scenarios without notifying the commissioner, provided that such operations are explicitly provided for and described in Table II.B. There are no Alternate Operating Scenarios for the premises.

| TABLE II.B: OPERATING SCENARIO IDENTIFICATION | |
|--|--|
| Emissions Units Associated with the Scenario | Description of Scenario |
| EU-1, EU-53, EU-69, EU-70, EU-74 through EU-76, EU-79, EU-81, EU-82, EU-89, EU-90, and EU-94 | Municipal solid waste landfill with gas collection and control system, including auxiliary equipment at the premises |

Section III: Applicable Requirements and Compliance Demonstration

The following contains summaries of applicable regulations and compliance demonstration for each identified Emissions Unit regulated by this Title V permit.

A. EMISSIONS UNIT 1 (EU-1) Municipal Solid Waste Landfill with Flare and Gas Collection and Control System

Subject to NSR Permit No. 097-0114 and 40 CFR Part 60 Subpart XXX Standards of Performance for Municipal Solid Waste Landfills That Commenced Construction, Reconstruction, or Modification After July 17, 2014

1. Allowable Emission and Operational Limits for PM, PM₁₀, PM_{2.5}, NO_x, CO and HAPs

a. Limitation or Restriction

- i. The Permittee shall not cause or allow emissions to exceed the following limits:

| Pollutant | lb/hr | tpy |
|-------------------|-------|------|
| PM | 1.09 | 4.77 |
| PM ₁₀ | 1.09 | 4.77 |
| PM _{2.5} | 1.09 | 4.77 |
| NO _x | 1.08 | 4.72 |
| CO | 1.52 | 6.68 |

- ii. The Permittee shall not exceed MASC for any HAP listed in RCSA §22a-174-29. [STATE REQUIREMENT ONLY] [NSR Permit No. 097-0114]

b. Monitoring and Testing Requirements

- i. Demonstrations of compliance with Section III.A.1.a.i of this Title V permit may be met by calculating the emission rates using emission factors from the following sources:
- (A) Most recent approved performance test results; and
 - (B) Manufacturer's Emissions Data. [NSR Permit No. 097-0114]
- ii. The Permittee shall conduct stack testing for HAPs within 180 days of either of the following:
- (A) Any expansion of the wellfield into the area outside of the zone of influence of the LFG collection system; or
 - (B) The landfill has reached final closure or final grade.

The zone of influence shall be defined as no more than 150 feet from the nearest wellhead in the current LFG network. The current LFG network, for this modification, shall be the LFG network as it existed during the September 2019 stack test. [NSR Permit No. 097-0114]

- iii. The following site-specific testing and compliance demonstrations shall also be required as a part of the stack testing required in Section III.A.1.b.ii of this Title V permit:
- (A) Re-characterization of LFG with respect to HAPs common to MSW landfills
 - (B) The Permittee shall ensure at least 90% of the wells in the GCOCS network are fully operational 24 hours prior to the initiation of LFG characterization.

Section III: Applicable Requirements and Compliance Demonstration

[NSR Permit No. 097-0114]

c. Record Keeping Requirements

- i. The Permittee shall maintain records sufficient to determine compliance with the limitations or restrictions in Section III.A.1.a of this Title V permit. [RCSA §22a-174-33(j)(1)(K)]
- ii. The Permittee shall calculate and record the monthly and consecutive 12-month PM, PM₁₀, PM_{2.5}, NO_x, and CO emissions in units of tons. The consecutive 12-month emissions shall be determined by adding (for each pollutant) the current month's emissions to that of the previous 11 months. Such records shall include a sample calculation for each pollutant. The Permittee shall make these calculations within 30 days of the end of the previous month. [NSR Permit No. 097-0114]
- iii. The Permittee shall maintain records of all HAP testing conducted pursuant to Section III.A.1.b.ii of this Title V permit as well as any periodic testing required in the facility's amended Operations and Maintenance Plan. [NSR Permit No. 097-0114]

d. Reporting Requirements

- i. The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]
- ii. The Permittee shall submit results of any testing and compliance demonstration within 60 days after completion of testing. [NSR Permit No. 097-0114]

2. Landfill Gas Flare (Fuel: Type, Firing Rate, Consumption, Filter Efficiency; Temperature, Residence Time, Heat Input)

a. Limitation or Restriction

- i. The Permittee shall limit the fuel used in the flare to Landfill Gas (LFG). [NSR Permit No. 097-0114]
- ii. The Permittee shall not inject LFG condensate and/or landfill leachate into the enclosed flare. [NSR Permit No. 097-0114]
- iii. The maximum fuel firing rate for the flare shall not exceed 650 scfm. [NSR Permit No. 097-0114]
- iv. The Permittee shall limit the maximum annual fuel consumption to 341.64 MMcf over any consecutive 12-month period. [NSR Permit No. 097-0114]
- v. Fuel Filter Efficiency
 - (A) Capture Efficiency: 100%
 - (B) Removal Efficiency: 99.5% (≥ 3 micrometers)
 - (C) Overall Efficiency: 99.5% (≥ 3 micrometers) [NSR Permit No. 097-0114]
- vi. The Permittee shall maintain the enclosed flare's combustion temperature at 1,400 °F or higher. [NSR Permit No. 097-0114]

Section III: Applicable Requirements and Compliance Demonstration

- vii. The Permittee shall ensure the flare's minimum residence time is 0.6 second. [NSR Permit No. 097-0114]
 - viii. The Permittee shall ensure the gross heat input does not exceed 19.7 MMBtu/hr (at estimated LFG heat content of 506 Btu/scf). [NSR Permit No. 097-0114]
 - ix. The Permittee shall operate and maintain the enclosed flare in accordance with the manufacturer's specifications and written recommendations. [NSR Permit No. 097-0114]
 - x. The Permittee shall operate the enclosed flare with a flame present at all times except as required during maintenance. [NSR Permit No. 097-0114]
- b. *Monitoring and Testing Requirements*
- i. The Permittee shall install, operate, and routinely calibrate a device or devices, in accordance with manufacturer's recommendations, to continuously measure and monitor the volumetric flow of landfill gas into this flare. [NSR Permit No. 097-0114]
 - ii. The Permittee shall monitor the number of hours of flare operation during each calendar month. [NSR Permit No. 097-0114]
 - iii. The presence of a flare pilot flame shall be monitored by thermocouple or any other equivalent device to detect the presence of a flame. [NSR Permit No. 097-0114]
 - iv. The Permittee shall operate the enclosed flare with no visible emissions as determined by Reference Method 22, Visual Determination of Fugitive Emissions from Material Sources and Smoke Emissions from Flares, except for periods not to exceed a total of five minutes during any two consecutive hours. [NSR Permit No. 097-0114]
- c. *Record Keeping Requirements*
- i. The Permittee shall maintain records sufficient to determine compliance with the limitation or restriction in Section III.A.2.a of this Title V permit. [RCSA §22a-174-33(j)(1)(K)]
 - ii. The Permittee shall keep records of the number of hours of flare operation during each calendar month. Such records shall include the date of the recording period and the number of flare operating hours during each recording period. [NSR Permit No. 097-0114]
 - iii. The Permittee shall keep records of monthly and consecutive 12-month quantity of landfill gas consumption. The consecutive 12-month landfill gas consumption shall be determined by adding the current month's quantity to that of the previous 11 months. The Permittee shall make these calculations within 30 days of the end of the previous month. [NSR Permit No. 097-0114]
 - iv. The Permittee shall maintain a full, legible copy of the manufacturer's specifications and written operations manual for the flare on-site at all times. [NSR Permit No. 097-0114]

Section III: Applicable Requirements and Compliance Demonstration

d. Reporting Requirements

- i. The permittee shall provide a copy of the manufacturer's specifications and written operations manual for the flare upon request of the commissioner. [NSR Permit No. 097-0114]
- ii. The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(i)(1(X))]

3. VOC/NMOC

a. Limitation or Restriction

The Permittee shall not cause or allow emissions to exceed the following limits:

| Pollutant | lb/hr | ppmv ⁽ⁱ⁾ | tpy |
|-------------------------|-------|---------------------|------|
| VOC (NMOC as hexane) | 0.86 | 20 | 3.77 |

⁽ⁱ⁾ dry basis @ 3% O₂ [NSR Permit No. 097-0114]

b. Monitoring and Testing Requirements

- i. The Permittee shall conduct stack testing for VOC (NMOC) within 180 days of either of the following:
 - (A) Any expansion of the wellfield into the area outside of the zone of influence of the LFG collection system; or
 - (B) The landfill has reached final closure or final grade.

The zone of influence shall be defined as no more than 150 feet from the nearest wellhead in the current LFG network. The current LFG network, for this modification, shall be the LFG network as it existed during the September 2019 stack test. [NSR Permit No. 097-0114]
- ii. The following site-specific testing and compliance demonstrations shall also be required at the time of the required stack testing in Section III.A.3.b.i above: [NSR Permit No. 097-0114]
 - (A) Re-characterization of LFG with respect to NMOC, methane, oxygen, and nitrogen
 - (B) The Permittee shall ensure at least 90% of the wells in the GCOCS network are fully operational 24 hours prior to the initiation of LFG characterization.

c. Record Keeping Requirements

- i. The Permittee shall calculate and record the monthly and consecutive 12-month VOC (NMOC) emissions in units of tons. The consecutive 12month emissions shall be determined by adding the current month's emissions to that of the previous 11 months. Such records shall include a sample calculation for each pollutant. The Permittee shall make these calculations within 30 days of the end of the previous month. [NSR Permit No. 097-0114]

Section III: Applicable Requirements and Compliance Demonstration

- ii. The Permittee shall maintain records of all testing conducted pursuant to Section III.A.3.b.i of this Title V permit as well as any periodic testing required in the facility's amended Operation and Maintenance Plan; as well as the results of all testing conducted. [RCSA §22a-174-33(j)(1)(K); NSR Permit No. 097-0114]

d. Reporting Requirements

- i. The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]
- ii. The Permittee shall submit test results of any testing and compliance demonstration within 60 days after completion of testing. [NSR Permit No. 097-0114]

4. Gas Collection and Control System (Wellhead, Well(s), Gauge Pressure, Surface Methane, N₂, O₂)

a. Limitation or Restriction

- i. The Permittee shall ensure effective and safe operation of the LFG collection system and the system shall be operated with negative pressure at each wellhead except as provided in this Title V permit. [RCSA §22a-174-33(j)(1)(K)]
- ii. The modification, replacement, repair, or retiring of any LFG well(s) shall not constitute a modification of this permit. [NSR Permit No. 097-0114]
- iii. The Permittee shall install final cover over the landfill as stipulated in the O&M Plan and any applicable landfill waste permit. This shall be completed within 8 months of the final closure or reaching of final design capacity, whichever is earliest, or another schedule approved by the commissioner. [NSR Permit No. 097-0114]
- iv. The Permittee shall amend its O&M plan to incorporate operational conditions to assure acceptable wellhead pressure limitations are maintained within the landfill area should the Permittee be required by the commissioner to also install a geomembrane or synthetic cover as a component of final cover for the landfill area. In addition, the Permittee shall submit in writing to the commissioner for review and approval the amended operational conditions incorporated into the plan assuring the proper wellhead pressure is maintained. Final cover for the landfill shall be installed in accordance with the applicable conditions of [RCSA Section 22a-209-7](#) Solid Waste Disposal Areas, or by other design approved by the commissioner. [NSR Permit No. 097-0114]
- v. The Permittee shall promptly shutdown the GCOCS blower whenever the enclosed flare or other in place controls are inoperable. All valves in the collection and control system contributing to venting of the gas to the atmosphere shall be closed within 1 hour. [NSR Permit No. 097-0114]

b. Monitoring and Testing Requirements

- i. The Permittee shall maintain the integrity and collection efficiency of the LFG collection system. Such maintenance activities assuring the continued effectiveness of the LFG collection system shall be completed in a timely manner and shall include, but not be limited to, the following:

Section III: Applicable Requirements and Compliance Demonstration

- (A) repairing or replacing any damaged LFG well or other component of the LFG collection system on a schedule based on good engineering judgment for the control of odors from landfills. If a final landfill closure plan exists, the schedule shall be based in consideration of the final closure plan;
 - (B) modifying any LFG well or other component of the LFG collection system to assure its continued effectiveness on a schedule based on good engineering judgment for the control of odors from landfills. If a final landfill closure plan exists, the schedule shall be based in consideration of the final closure plan;
 - (C) providing reasonable safeguards to prevent damage to the LFG wells or other components of the LFG collection system; and
 - (D) accounting for the collection and control of additional LFG and odorous compounds (e.g. hydrogen sulfide) generated as a result of any future landfill expansion.
[NSR Permit No. 097-0114]
- ii. The Permittee shall monitor gauge pressure in the gas collection header at each individual well, monthly. [§60.765(a)(3); NSR Permit No. 097-0114]
- (A) If a positive pressure exists, action shall be initiated to correct the exceedance within five calendar days, except under the following conditions: [§60.763(b); NSR Permit No. 097-0114]
 - (1) A fire or increased well temperature. The Permittee shall record instances when positive pressure occurs in efforts to avoid a fire;
 - (2) Use of a geomembrane or synthetic cover. The Permittee shall develop acceptable pressure limits in their Operations and Maintenance Plan; or
 - (3) A decommissioned well. A well may experience a static positive pressure after shutdown to accommodate for declining flows.
 - (B) If negative pressure cannot be achieved without excess air infiltration within 15 calendar days of the first measurement of positive pressure, the Permittee shall conduct a root cause analysis and correct the exceedance as soon as practicable, but no later than 60 days after positive pressure was first measured. [§60.765(a)(3)(i); NSR Permit No. 097-0114]
 - (C) If corrective actions cannot be fully implemented within 60 days following the positive pressure measurement for which the root cause analysis was required, the Permittee shall also conduct a corrective action analysis and develop an implementation schedule to complete the corrective action(s) as soon as practicable, but no more than 120 days following the positive pressure measurement. [§60.765(a)(3)(ii); NSR Permit No. 097-0114]
 - (D) If corrective action is expected to take longer than 120 days to complete after the initial exceedance, the Permittee shall submit the root cause analysis, corrective action analysis, and corresponding implementation timeline to the commissioner.
[§60.765(a)(3)(iii); NSR Permit No. 097-0114]

Section III: Applicable Requirements and Compliance Demonstration

- (E) If measured levels are due to declining flows, LFG quality, or GCOCS condition, then the well shall be decommissioned or the installation of a replacement well or header pipe will be performed on a schedule based on good engineering judgment for the control of odors from landfills. The Permittee shall notify the commissioner in writing, within 30 days of the initial reading of a measured level due to the factors above. If a final landfill closure plan exists, the schedule shall be based in consideration of the final closure plan. [NSR Permit No. 097-0114]

- iii. On a monthly basis, the Permittee shall monitor the LFG temperature, and either the oxygen or the nitrogen concentration of the LFG at each wellhead. If the measured temperature is 55°C or greater, the measured oxygen concentration is 5% or greater, or the measured nitrogen concentration is 20% or greater, action shall be initiated to correct the exceedance within 5 calendar days.
[§60.765(a)(5); NSR Permit No. 097-0114]
 - (A) If LFG temperature less than 55°C, LFG oxygen concentration less than 5%, or LFG nitrogen concentration less than 20% cannot be achieved within 15 calendar days of the first measured exceedance, the Permittee shall conduct a root cause analysis and correct the exceedance as soon as practicable, but no later than 60 days after the exceedance was first measured.
[§60.765(a)(5)(i); NSR Permit No. 097-0114]
 - (B) If corrective actions cannot be fully implemented within 60 days following the first measured exceedance for which the root cause analysis was required, the Permittee shall also conduct a corrective action analysis and develop an implementation schedule to complete the corrective action(s) as soon as practicable, but no more than 120 days following the initial measured exceedance. [§60.765(a)(5)(ii); NSR Permit No. 097-0114]
 - (C) If corrective action is expected to take longer than 120 days to complete after the initial exceedance, the Permittee shall submit the root cause analysis, corrective action analysis, and corresponding implementation timeline to the commissioner.
[§60.765(a)(5)(iii); NSR Permit No. 097-0114]
 - (D) If measured levels are due to declining flows, LFG quality, or GCOCS condition, then the well shall be decommissioned or the installation of a replacement well or header pipe will be performed on a schedule based on good engineering judgment for the control of odors from landfills. The Permittee shall notify the commissioner in writing, within 30 days of the initial reading of a measured level due to the factors above. If a final landfill closure plan exists, the schedule shall be based in consideration of the final closure plan. [NSR Permit No. 097-0114]

- iv. The Permittee shall monitor landfill surface methane concentrations quarterly for all active portions of the landfill using an organic vapor analyzer, flame ionization detector, or other portable monitor meeting the specifications provided in §60.765(d). [NSR Permit No. 097-0114]
 - (A) The monitoring of landfill surface methane concentrations shall be conducted around the perimeter of the collection area and along a pattern that traverses the landfill at 30-meter intervals and where visual observations indicate elevated concentrations of landfill gas, such as distressed vegetation and cracks or seeps in the cover. A surface monitoring design plan shall be developed and kept on site that includes a topographical map with the monitoring route and the rationale for any site-specific deviations from the 30-meter intervals. Areas with steep slopes or other dangerous areas may be excluded from the surface testing.
[§60.763(d); NSR Permit No. 097-0114]

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- (B) Any surface emissions monitoring reading of 500 parts per million or more above background at any location must be recorded as a monitored exceedance. The location of each monitored exceedance must be marked, and the location and concentration recorded. Cover maintenance or adjustments to the vacuum of the adjacent wells to increase the gas collection in the vicinity of each exceedance must be made and the location must be re-monitored within 10 calendar days of detecting the exceedance. [§60.765(c)(4); NSR Permit No. 097-0114]
 - (C) If the re-monitoring of the location shows a second exceedance, additional corrective action must be taken, and the location must be monitored again within 10 days of the second exceedance. [§60.765(c)(4)(iii); NSR Permit No. 097-0114]
 - (D) If the re-monitoring shows a third exceedance for the same location, a new well or other collection device must be installed within 120 calendar days of the initial exceedance. [§60.765(c)(4)(iii); NSR Permit No. 097-0114]
 - (E) Any location that initially showed an exceedance but has a methane concentration less than 500 ppm methane above background at the 10-day re-monitoring must be re-monitored one month from the initial exceedance. If the 1-month re-monitoring shows a concentration less than 500 parts per million above background, no further monitoring of that location is required until the next quarterly monitoring period. [§60.765(c)(4)(iv); NSR Permit No. 097-0114]
 - (F) Any location where monitored methane concentration equals or exceeds 500 parts per million above background three times within a quarterly period, a new well or other collection device must be installed within 120 calendar days of the initial exceedance. An alternative remedy to the exceedance, such as upgrading the blower, header pipes or control device, and a corresponding timeline for installation may be submitted to the commissioner for approval. [§60.765(c)(4)(v); NSR Permit No. 097-0114]
- v. The Permittee shall not be required to conduct periodic methane landfill surface monitoring when the landfill is snow covered and required cover maintenance can be delayed by safety concerns due to weather conditions. [NSR Permit No. 097-0114]
 - vi. The Permittee shall implement a program to monitor for cover integrity and implement cover repairs as necessary on a monthly basis. [§60.765(c)(5); NSR Permit No. 097-0114]
 - vii. The Permittee shall operate and maintain the GCOCS in accordance with the manufacturer's specifications and written recommendations. [NSR Permit No. 097-0114]

c. Record Keeping Requirements

- i. The Permittee shall maintain records of the results of all GCOCS operation and maintenance and monitoring requirements in Section III.A.4.b of this Title V permit and as detailed in the facility's amended Operations and Maintenance Plan. [RCSA §22a-174-33(j)(l)(K)(ii); NSR Permit No. 097-0114]
- ii. The Permittee shall keep, for the life of the GCOCS system, an up-to-date, readily accessible plot map showing each existing and planned collector in the system and providing a unique identification location label for each collector. Such records shall include the installation date of all newly installed collectors. [40 CFR 60.768(d); NSR Permit No. 097-0114]

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- iii. The Permittee shall maintain a full, legible copy of the manufacturer's specifications and written operations manual for the GCOCS on-site at all times. [NSR Permit No. 097-0114]

d. Reporting Requirements

- i. The Permittee shall notify the commissioner, in writing, of the date of expansion of the wellfield into the area outside of the zone of influence of the LFG collection system or the landfill has reached final closure or final grade. Specifically, the written notification shall be submitted to DEEP.CACU@ct.gov, DEEP.SEM@ct.gov and DEEP.BAM.AirPermits@ct.gov no later than 30 days after the subject event. [NSR Permit No. 097-0114]
- ii. The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

5. SO₂ and Control Media (Dry Scrubber)

a. Limitation or Restriction

- i. The Permittee shall not cause or allow emissions to exceed the following limits:

| Pollutant | lb/hr | tpy |
|-----------------|-------|------|
| SO ₂ | 0.60 | 2.63 |

- ii. Adsorption Device: Dry Scrubber Efficiency [NSR Permit No. 097-0114]

- (A) Capture Efficiency: 100%
- (B) Removal Efficiency: 97%
- (C) Overall Efficiency: 97%

b. Monitoring and Testing Requirements

- i. The Permittee shall continuously monitor the pressure drop and the replacement of adsorbent in the dry scrubber. The Permittee shall maintain these parameters within the ranges recommended by the manufacturer to achieve compliance with the emission limits in this permit. [NSR Permit No. 097-0114]
- ii. The Permittee shall perform inspections of the control devices as recommended by the manufacturer. [NSR Permit No. 097-0114]
- iii. The Permittee shall conduct stack testing for SO₂ within 180 days of the installation of the dry scrubber. [NSR Permit No. 097-0114]
- iv. The Permittee shall conduct stack testing for SO₂ within 180 days of either of the following:
 - (A) Any expansion of the wellfield into the area outside of the zone of influence of the LFG collection system; or

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(B) The landfill has reached final closure or final grade.

The zone of influence shall be defined as no more than 150 feet from the nearest wellhead in the current LFG network. The current LFG network, for this modification, shall be the LFG network as it existed during the September 2019 stack test. [NSR Permit No. 097-0114]

v. The following site-specific testing and compliance demonstrations shall also be required as part of the stack testing required in Section III. A.5.b.iv of this Title V permit:

(A) Re-characterization of LFG with respect to total reduced sulfur.

(B) The Permittee shall ensure at least 90% of the wells in the GCOCS network are fully operational 24 hours prior to the initiation of LFG characterization.

vi. Recurrent stack testing for SO₂ shall be conducted within five years from the date of the previous stack test. [NSR Permit No. 097-0114]

c. Record Keeping Requirements

i. The Permittee shall calculate and record the monthly and consecutive 12-month SO₂ emissions in units of tons. The consecutive 12-month emissions shall be determined by adding the current month's emissions to that of the previous 11 months. Such records shall include a sample calculation for each pollutant. The Permittee shall make these calculations within 30 days of the end of the previous month. [NSR Permit No. 097-0114]

ii. The Permittee shall maintain records of all SO₂ stack testing conducted pursuant to Section III.A.5.b.iii and III.A.5.b.iv of this Title V permit as well as any periodic testing required in the facility's amended Operations and Maintenance Plan; and the results of all testing conducted. [NSR Permit No. 097-0114; RCSA §22a-174-33(j)(1)(K)]

iii. The Permittee shall continuously record the pressure drop and the replacement of adsorbent in the dry scrubber. [NSR Permit No. 097-0114]

d. Reporting Requirements

i. The Permittee shall notify the commissioner, in writing, of the date of installation of the dry scrubber. Specifically, the written notification shall be submitted to DEEP.CACU@ct.gov, DEEP.SEM@ct.gov and DEEP.BAM.AirPermits@ct.gov no later than 30 days after the subject event. [NSR Permit No. 097-0114]

ii. The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

iii. The Permittee shall submit test results within 60 days after completion of testing. [NSR Permit No. 097-0114]

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6. Opacity (Visible Emissions)

a. Limitation or Restriction

- i. The opacity shall not exceed 10% during any six-minute block average as measured by 40 CFR 60, Appendix A, Reference Method 9. [NSR Permit No. 097-0114]
- ii. The Permittee shall operate the enclosed flare with no visible emissions except for periods not to exceed a total of five minutes during any two consecutive hours. [NSR Permit No. 097-0114]

b. Monitoring and Testing Requirements

- i. The Permittee shall operate this source and premises at all times in a manner so as not to violate or significantly contribute to the violation of any applicable state requirements for the control of fugitive particulate matter emissions and take reasonable precautions to prevent particulate matter from becoming airborne, as set forth in RCSA §22a-174-18(c). [NSR Permit No. 097-0114]
- ii. Upon request from the commissioner, the Permittee shall monitor visible emissions from the flare as determined by Reference Method 22, Visual Determination of Fugitive Emissions from Material Sources and Smoke Emissions from Flares. [NSR Permit No. 097-0114; RCSA §22a-174-33(j)(l)(K)(ii)]

c. Record Keeping Requirements

The Permittee shall maintain a record of any opacity tests conducted pursuant to Section III.A.6.b.ii of this Title V permit. Such records shall include the dates, times, and places of all visible emission observations, persons performing the observations, test methods used, the operating conditions at the time of observation, and the results of such observation. [RCSA §22a-174-4a(b)(1)]

d. Reporting Requirements

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

7. Flare and GCOCS Personnel Training

a. Limitation or Restriction

- i. The Permittee shall train all of the enclosed flare operating personnel annually on the operation of the flare according to the manufacturer's operating procedures and troubleshooting techniques. [NSR Permit No. 097-0114]
- ii. The Permittee shall only allow personnel who have been trained in the proper operation of the enclosed flare and GCOCS to operate such equipment. [NSR Permit No. 097-0114]

b. Monitoring and Testing Requirements

Record keeping specified in Section III.A.7.c of this Title V permit shall be sufficient to meet Monitoring and Testing Requirements pursuant to RCSA §22a-174-33. [RCSA §22a-174-33(j)(l)(K)(ii)]

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c. Record Keeping Requirements

- i. The Permittee shall keep records of the results of all GCOCS operation and maintenance as detailed in the facility's amended Operations and Maintenance Plan. [NSR Permit No. 097-0114]
- ii. The Permittee shall maintain a record of all training offered and personnel trained in the operation of the flare and GCOCS. Such record shall include the date of the last training, a summary of the training, the full name of the person providing the training and the personnel trained. [RCSA §22a-174-33(j)(l)(K)(ii)]

d. Reporting Requirements

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

8. Premises Operation

a. Limitation or Restriction

The Permittee shall restrict the public from uncontrolled access to any location on the premises/landfill. [NSR Permit No. 097-0114]

b. Monitoring Requirements

The Permittee shall monitor public access to the premises to ensure that public visitors do not have unrestricted access to the premises. [RCSA §22a-174-33(j)(l)(K)(ii)]

c. Record Keeping Requirements

The Permittee shall maintain a log of public visitors to the premises to ensure compliance with Section III.A.8.a of this Title V permit. [RCSA §22a-174-33(j)(l)(K)(ii)]

d. Reporting Requirements

Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

B. EMISSIONS UNIT 53 (EU-53) 100 KW FERMONT/WHITE EMERGENCY GENERATOR

Subject to RCSA §22a-174-3b(e) and 40 CFR Part 63 Subpart ZZZZ

Engine Classification: The engine is an existing emergency compression ignition RICE less than 500 HP and constructed before June 12, 2006 at an area source.

1. Maximum Operating Hours

a. Limitation or Restriction

- i. The Permittee shall not allow the emergency engine to operate except during periods of testing and scheduled maintenance or during an emergency as defined in RCSA §22a-174-22e and unless the following condition is met:

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- (A) Operation of the engine shall not exceed 300 hours during any 12-month rolling aggregate. [STATE ONLY REQUIREMENT] [RCSA §22a-174-3b(e)(2)(A)]

b. Monitoring Requirements

Record keeping specified in Section III.B.1.c of this Title V permit shall be sufficient to meet Monitoring Requirements pursuant to RCSA §22a-174-33. [RCSA §22a-174-33(j)(1)(K)(ii)]

c. Record Keeping Requirements

- i. The Permittee shall make and maintain records of hours of operation for each month and each 12-month rolling aggregate. [STATE ONLY REQUIREMENT] [RCSA §22a-174-3b(e)(4)]
- ii. The Permittee shall maintain all records for five years from the date such record is created and make available to the commissioner to inspect and copy upon request. [STATE ONLY REQUIREMENT] [RCSA §22a-174-3b(e)(3)]

d. Reporting Requirements

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

2. Maximum Fuel Sulfur Content

a. Limitation or Restriction

The Permittee shall comply with the fuel sulfur content requirements of RCSA §22a-174-19b(d)(2) for any nongaseous fuel consumed by the engine. [STATE ONLY REQUIREMENT] [RCSA §22a-174-3b(e)(2)(B)]

b. Monitoring Requirements

Record keeping specified in Section III.B.2.c of this Title V permit shall be sufficient to meet Monitoring Requirements pursuant to RCSA §22a-174-33. [RCSA §22a-174-33(j)(1)(K)(ii)]

c. Record Keeping Requirements

The Permittee shall maintain records sufficient to demonstrate the sulfur content of fuel combusted and the quantity purchased for combustion. A written certification or a written contract with a fuel supplier is sufficient to satisfy this requirement if the certification or contract identifies the following: [RCSA §22a-174-19b(g)(3)]

- i. The name of the fuel seller;
- ii. The type of fuel purchased;
- iii. The sulfur content of the fuel purchased; and
- iv. The method used to determine the sulfur content of the fuel purchased.

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d. Reporting Requirements

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

3. 40 CFR Part 63 Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

a. Limitation or Restriction

i. The Permittee shall:

- (A) Change the oil and filter every 500 hours of operation or annually, whichever comes first;
- (B) Inspect the air cleaner every 1,000 hours of operation or annually, whichever comes first; and
- (C) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary. [40 CFR §63.6603(a)]

ii. The Permittee shall comply with the following limitation on hours of operation:

- (A) There is no time limit on the use of emergency stationary RICE in emergency situations, except as limited by Section III.B.1.a.i(A) of this Title V permit;
- (B) The Permittee may operate the emergency stationary RICE for any combination of the purposes specified in 40 CFR §63.6640 paragraph (f)(2)(i) for a maximum of 100 hours per calendar year.
- (C) The Permittee may operate the emergency stationary RICE for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator or the insurance company associated with the engine. The Permittee may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the Permittee maintains records indicating that Federal, State, or local standards require maintenance testing of emergency RICE beyond 100 hours per year. [40 CFR §63.6640(f)(2)]

b. Monitoring Requirements

- i. The Permittee shall operate and maintain the engine and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a maintenance plan which shall provide to the extent practicable for the maintenance and operation of the engine and after-treatment control device (if any) according to the manufacturer's emission-related instructions or develop a maintenance plan which shall provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. [40 CFR §63.6625(e)]*
- ii. The Permittee shall install a non-resettable hour meter if one is not already installed. [40 CFR §63.6625(f)]*

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- iii. During periods of startup, the Permittee shall minimize the engine's time spent at idle and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR §63.6625(h)]
- iv. The Permittee has the option of utilizing an oil analysis program in order to extend the specified oil and filter change requirement in Section III.B.3.a.i of this Title V permit. The oil analysis shall be performed at the same frequency specified for changing the oil and filter in Section III.B.3.a.i of this Title V permit. The analysis program shall at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30% of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20% from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the Permittee is not required to change the oil and filter. If any of the limits are exceeded, the Permittee shall change the oil and filter within two business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the Permittee shall change the oil and filter within two business days or before commencing operation, whichever is later. [40 CFR §63.6625(i)]
- v. The Permittee shall demonstrate continuous compliance with the operating limitations in Section III.B.3.a of this Title V permit by following all applicable requirements in 40 CFR §63.6640. [40 CFR §63.6640]

c. Record Keeping Requirements

- i. The Permittee shall keep records of the parameters that are analyzed as part of the optional oil analysis program, the results of the analysis, and the oil and filter changes for the engine. The analysis program shall be part of the maintenance plan for the engine. [40 CFR §63.6625(i)]
- ii. The Permittee shall keep records demonstrating compliance with Section III.B.3.b.i of this Title V permit. [40 CFR §63.6655(d)]
- iii. The Permittee shall keep records of the maintenance conducted on the engine in order to demonstrate that the Permittee operated and maintained the engine and after-treatment control device (if any) according to the Permittee's own maintenance plan. [40 CFR §63.6655(e)]
- iv. The Permittee shall keep records of the hours of operation that is recorded through the non-resettable hour meter. The Permittee shall document how many hours are spent for emergency operation, including what classified the operation as emergency. [40 CFR §63.6655(f)]

d. Reporting Requirements

If the engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the schedule required in Section III.B.3.a of this Title V permit, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under Federal, State, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under Federal, State, or local law has abated. The management practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under Federal, State, or local law has abated. The Permittee shall report any failure to perform the management practice on the schedule required and the Federal, State or local law under which the risk was deemed unacceptable. [40 CFR Part 63 Subpart ZZZZ, Table 2d, Footnote 2]

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C. GROUPED EMISSIONS UNIT 1 (GEU-1: EU-69 & EU-70) GASOLINE STORAGE AND DISPENSING FACILITY

Subject to 40 CFR Part 63 Subpart CCCCCC

1. 40 CFR Part 63 Subpart CCCCCC–National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities

a. Limitation or Restriction

The gasoline dispensing facility has a monthly throughput of less than 10,000 gallons of gasoline. Therefore, the Permittee shall comply with the requirements in 40 CFR §63.11116. [40 CFR §63.11111]

b. Monitoring and Operating Requirements

- i. The Permittee shall not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following:
 - (A) Minimize gasoline spills;
 - (B) Clean up spills as expeditiously as practicable;
 - (C) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use;
 - (D) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators. [40 CFR §63.11116(a)]
- ii. Portable gasoline containers that meet the requirements of 40 CFR Part 59 Subpart F–Control of Evaporative Emissions from New and In-Use Portable Fuel Containers, are considered acceptable for compliance with Section III.C.1.b.i.(C) of this Title V permit.
- iii. The Permittee shall comply with the requirements of 40 CFR Part 63 Subpart CCCCCC by the applicable dates specified in 40 CFR §63.11113. [40 CFR §63.11116(c)]

c. Record Keeping and Reporting Requirements

- i. The Permittee is not required to submit notifications or reports as specified in 40 CFR §63.11125 (record keeping requirements), 40 CFR §63.11126 (reporting requirements), or 40 CFR Part 63 Subpart A (General Provisions), but the Permittee shall have records available within 24 hours of a request by the Administrator to document the gasoline throughput. [40 CFR §63.11116(b)]
- ii. The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

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D. GROUPED EMISSIONS UNIT 2 (GEU-2: EU-74, EU-75, EU-76, and EU-79) COLD CLEANERS

Subject to RCSA §22a-174-20(l)

1. Operational Conditions

a. Limitation or Restriction

- i. Equip the cleaning device with a cover that is easily operated with one hand.
[RCSA §22a-174-20(1)(3)(A)]
- ii. Equip the cleaning device with an internal rack or equipment for draining cleaned parts so that parts are enclosed under the cover while draining. Such drainage rack or equipment may be external for applications where an internal type cannot fit into the cleaning system.
[RCSA §22a-174-20(1)(3)(B)]
- iii. Collect and store waste solvent in closed containers. Closed containers used for storing waste solvent may contain a device that allows pressure relief but does not allow liquid solvent to drain from the container. [RCSA §22a-174-20(1)(3)(C)]
- iv. Close the cover if parts are not being handled in the cleaner for two minutes or more, or if the device is not in use. [RCSA §22a-174-20(1)(3)(D)]
- v. Drain the cleaned parts for at least 15 seconds or until dripping ceases, whichever is longer.
[RCSA §22a-174-20(1)(3)(E)]
- vi. If a degreasing solvent spray is used:
 - (A) Supply a degreasing solvent spray that is a solid fluid stream (not a fine, atomized or shower type spray);
 - (B) Maintain a solvent spray pressure that does not exceed ten pounds per square inch as measured at the pump outlet; and
 - (C) Perform spraying within the confines of the cold cleaning unit.
[RCSA §22a-174-20(1)(3)(F)]
- vii. Minimize the drafts across the top of each cold cleaning unit such that whenever the cover is open the unit is not exposed to drafts greater than 40 meters per minute, as measured between one and two meters upwind, at the same elevation as the tank lip. [RCSA §22a-174-20(1)(3)(G)]
- viii. Do not operate the unit upon the occurrence of any visible solvent leak until such leak is repaired. Any leaked solvent or solvent spilled during transfer shall be cleaned immediately, and the wipe rags or other sorbent material used to clean the spilled or leaked solvent shall be immediately stored in covered containers for disposal or recycling. [RCSA §22a-174-20(1)(3)(H)]
- ix. Provide a permanent, conspicuous label on or posted near each unit summarizing the applicable operating requirements. [RCSA §22a-174-20(1)(3)(I)]
- x. Use only solvent that has a vapor pressure less than or equal to 1.0 mmHg at 20 °C.
[RCSA §22a-174-20(1)(3)(K)]

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- xi. The Permittee shall not clean sponges, fabric, wood, leather, paper, and other absorbent material in a cold cleaning machines. [RCSA §22a-174-20(1)(3)(L)]

b. Monitoring Requirements

The Permittee shall monitor the operation of all cold cleaning units to ensure proper operation in accordance with Section III.D.1.a of this Title V permit. [RCSA §22a-174-33(j)(1)(K)(ii)]

c. Record Keeping Requirements

- i. The Permittee shall maintain appropriate records indicating compliance with Section III.D.1.a of this Title V permit. Such records may include, but are not limited to, manufacturer's specifications and operating recommendations and internal operating procedures. [RCSA §22a-174-33(j)(1)(K)(ii)]
- ii. The Permittee shall maintain records of the following information:
 - (A) The type of solvent used, including a description of the solvent and the solvent name;
 - (B) The vapor pressure of the solvent in mmHg measured at 20 °C (68 °F);
 - (C) The percent VOC content by weight; and
 - (D) The amount of solvent added to each unit on a monthly basis. [RCSA §22a-174-20(1)(3)(J)]
- iii. The commissioner may deem a cold cleaning unit in compliance with the requirements of Section III.D.1.a.i, ii and iv of this Title V permit, notwithstanding that such unit is uncovered, if the Permittee submits written documentation to the commissioner's satisfaction demonstrating such unit provides equal or better control of volatile organic compound emissions than a similar cold cleaning unit meeting such requirements. The written documentation shall include information demonstrating compliance with the following criteria:
 - (A) The cold cleaner shall have a remote solvent reservoir;
 - (B) The sink-like work area shall have an open drain area less than 100 cm²; and
 - (C) The waste solvent shall be stored or properly disposed of with minimal loss due to evaporation. [RCSA §22a-174-20(1)(6)]

d. Reporting Requirements

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

E. EMISSIONS UNIT 81 (EU-81) 200 KW CUMMINS/ONAN EMERGENCY ENGINE

Subject to RCSA §22a-174-3b(e) and 40 CFR Part 60 Subpart IIII

Engine classification: The engine is an emergency compression ignition engine constructed after June 12, 2006.

1. Maximum Operating Hours

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a. Limitation or Restriction

- i. The Permittee shall not allow the emergency engine to operate except during periods of testing and scheduled maintenance or during an emergency as defined in RCSA §22a-174-22e and unless the following condition is met:

(A) Operation of the engine shall not exceed 300 hours during any 12-month rolling aggregate. [STATE ONLY REQUIREMENT] [RCSA §22a-174-3b(e)(2)(A)]

b. Monitoring Requirements

Record keeping specified in Section III.E.1.c of this Title V permit shall be sufficient to meet Monitoring Requirements pursuant to RCSA §22a-174-33. [RCSA §22a-174-33(j)(1)(K)(ii)]

c. Record Keeping Requirements

- i. The Permittee shall make and maintain records of hours of operation for each month and each 12-month rolling aggregate. [STATE ONLY REQUIREMENT] [RCSA §22a-174-3b(e)(4)]
- ii. The Permittee shall maintain all records for five years from the date such record is created and make available to the commissioner to inspect and copy upon request. [STATE ONLY REQUIREMENT] [RCSA §22a-174-3b(e)(3)]

d. Reporting Requirements

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

2. Maximum Fuel Sulfur Content

a. Limitation or Restriction

The Permittee shall comply with the fuel sulfur content requirements of RCSA §22a-174-19b(d)(2) for any nongaseous fuel consumed by the engine. [STATE ONLY REQUIREMENT] [RCSA §22a-174-3b(e)(2)(B)]

b. Monitoring Requirements

Record keeping specified in Section III.E.2.c of this Title V permit shall be sufficient to meet Monitoring Requirements pursuant to RCSA §22a-174-33. [RCSA §22a-174-33(j)(1)(K)(ii)]

c. Record Keeping Requirements

The Permittee shall maintain records sufficient to demonstrate the sulfur content of fuel combusted and the quantity purchased for combustion. A written certification or a written contract with a fuel supplier is sufficient to satisfy the requirements if the certification or contract identifies the following: [RCSA §22a-174-19b(g)(3)]

- i. The name of the fuel seller;
- ii. The type of fuel purchased;

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- iii. The sulfur content of the fuel purchased; and
- iv. The method used to determine the sulfur content of the fuel purchased.

d. Reporting Requirements

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

3. 40 CFR Part 60 Subpart III—Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

a. Limitation or Restriction

- i. The Permittee shall comply with the emission standards for new nonroad compression ignition engines in 40 CFR §60.4202, for all pollutants, for the same model year and maximum engine power for the engine. [40 CFR §60.4205(b)]
- ii. The Permittee shall operate and maintain the engine to achieve the emission standards as required in 40 CFR §60.4205 over the entire life of the engine. [40 CFR §60.4206]
- iii. The Permittee shall use diesel fuel that meets the requirements of 40 CFR §1090.305 for nonroad diesel fuel. [40 CFR §60.4207(b)]
- iv. The Permittee shall do all of the following, except as permitted under Section III.E.3.a.vii of this Title V permit:
 - (A) Operate and maintain the stationary compression ignition internal combustion engine and control device according to the manufacturer's emission-related written instructions;
 - (B) Change only those emission-related settings that are permitted by the manufacturer; and
 - (C) Meet the requirements of 40 CFR Part 1068, as they apply. [40 CFR §60.4211(a)]
- v. The Permittee shall ensure the engine is certified to the emission standards in 40 CFR §60.4205(b) for the same model year and maximum engine power. The engine shall be installed and configured according to the manufacturer's emission-related specifications, except as permitted in Section III.E.3.a.vii of this Title V permit. [40 CFR §60.4211(c)]
- vi. The Permittee may operate the engine for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. There is no time limit on the use of emergency stationary ICE in emergency situations, except as limited by Section III.E.1.a.i.(A) of this Title V permit. The Permittee may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the Permittee maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency ICE beyond 100 hours per year. Any operation other than emergency operation, maintenance and testing is prohibited. [40 CFR §60.4211(f)(2)]

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vii. If the Permittee does not install, configure, operate, and maintain the engine and control device (if installed) according to the manufacturer's emission-related written instructions, or the Permittee changes emission-related settings in a way that is not permitted by the manufacturer, the Permittee shall demonstrate compliance by keeping a maintenance plan and records of conducted maintenance and shall, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, the Permittee shall conduct an initial performance test to demonstrate compliance with the applicable emission standards within one year of startup, or within one year after an engine and control device is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within one year after the Permittee changes emission-related settings in a way that is not permitted by the manufacturer. [40 CFR §60.4211(g)(2)]

b. Monitoring Requirements

- i. If the Permittee conducts performance tests pursuant to 40 CFR Part 60 Subpart IIII for the engine, the Permittee shall do so according to 40 CFR §60.4212(a) through (e), inclusive. [40 CFR §60.4212]
- ii. The Permittee shall comply with all applicable monitoring and testing requirements of the General Provisions in 40 CFR §60.1 through §60.19, as specified in 40 CFR Part 60 Subpart IIII, Table 8. [40 CFR §60.4218]

c. Record Keeping Requirements

- i. The Permittee shall comply with all applicable record keeping requirements of the General Provisions in 40 CFR §60.1 through §60.19, as specified in 40 CFR Part 60 Subpart IIII, Table 8. [40 CFR §60.4218]
- ii. The Permittee shall maintain appropriate records indicating compliance with the limitations and restrictions in Section III.E.3.a of this Title V permit. Such records may include, but are not limited to, manufacturer's specifications and operating recommendations, purchase records and internal operating procedures. [RSCA §22a-174-33(j)(1)(K)(ii)]

d. Reporting Requirements

The Permittee shall comply with all applicable reporting requirements of the General Provisions in 40 CFR §60.1 through §60.19, as specified in 40 CFR in 40 CFR Part 60 Subpart IIII, Table 8. [40 CFR §60.4218]

F. GROUPED EMISSIONS UNIT 3 (GEU-3: EU-82 and EU-89) 100 KW CUMMINS AND 100 KW KOHLER EMERGENCY ENGINES

Subject to 40 CFR Part 60 Subpart IIII

Engine Classification: The engines are emergency compression ignition engines constructed after June 12, 2006.

1. 40 CFR Part 60 Subpart IIII—Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

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a. Limitation or Restriction

- i. The Permittee shall comply with the emission standards for new nonroad compression ignition engines in 40 CFR §60.4202, for all pollutants, for the same model year and maximum engine power for the engines. [40 CFR §60.4205(b)]
- ii. The Permittee shall operate and maintain the engines to achieve the emission standards as required in 40 CFR §60.4205 over the entire life of the engines. [40 CFR §60.4206]
- iii. The Permittee shall use diesel fuel that meets the requirements of 40 CFR §1090.305 for nonroad diesel fuel. [40 CFR §60.4207(b)]
- iv. The Permittee shall do all of the following, except as permitted under Section III.F.1.a.vii of this Title V permit:
 - (A) Operate and maintain the stationary compression ignition internal combustion engines and control devices according to the manufacturer's emission-related written instructions;
 - (B) Change only those emission-related settings that are permitted by the manufacturer; and
 - (C) Meet the requirements of 40 CFR Part 1068, as they apply. [40 CFR §60.4211(a)]
- v. The Permittee shall ensure each engine is certified to the emission standards in 40 CFR §60.4205(b) for the same model year and maximum engine power. The engines shall be installed and configured according to the manufacturer's emission-related specifications, except as permitted in Section III.F.1.a.vii of this Title V permit. [40 CFR §60.4211(c)]
- vi. The Permittee may operate each engine for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, the regional transmission organization or equivalent and transmission operator or the insurance company associated with the engine. Maintenance checks and readiness testing of each engine is limited to 100 hours per year. There is no time limit on the use of emergency stationary ICE in emergency situations. The Permittee may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the Permittee maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency ICE beyond 100 hours per year. Emergency stationary ICE may operate up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing. The 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, to generate income for a facility to supply power to an electric grid or otherwise supply non-emergency power as part of a financial arrangement with another entity. Any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year is prohibited. [40 CFR §60.4211(f)]
- vii. If the Permittee does not install, configure, operate, and maintain the engines and control devices (if installed) according to the manufacturer's emission-related written instructions, or the Permittee changes emission-related settings in a way that is not permitted by the manufacturer, the Permittee shall demonstrate compliance by keeping a maintenance plan and records of conducted maintenance and shall, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, the Permittee shall conduct an initial performance test to demonstrate compliance with the applicable emission standards within one year of startup, or within one year after an engine and control device is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written

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instructions, or within one year after the Permittee changes emission-related settings in a way that is not permitted by the manufacturer. [40 CFR §60.4211(g)(2)]

b. Monitoring Requirements

- i. If the Permittee conducts performance tests pursuant to 40 CFR Part 60 Subpart IIII for the engines, the Permittee shall do so according to 40 CFR §60.4212(a) through (e), inclusive. [40 CFR §60.4212]
- ii. The Permittee shall comply with all applicable monitoring and testing requirements of the General Provisions in 40 CFR §60.1 through §60.19, as specified in 40 CFR Part 60 Subpart IIII, Table 8. [40 CFR §60.4218]

c. Record Keeping Requirements

- i. The Permittee shall comply with all applicable record keeping requirements of the General Provisions in 40 CFR §60.1 through §60.19, inclusive, as specified in 40 CFR Part 60 Subpart IIII, Table 8. [40 CFR §60.4218]
- ii. The Permittee shall maintain appropriate records indicating compliance with the limitations and restrictions in Section III.F.3.a of this Title V permit. Such records may include, but are not limited to, manufacturer’s specifications and operating recommendations, purchase records and internal operating procedures. [RCSA §22a-174-33(j)(1)(K)]

d. Reporting Requirements

The Permittee shall comply with all applicable reporting requirements of the General Provisions in 40 CFR §60.1 through §60.19, as specified in 40 CFR in 40 CFR Part 60 Subpart IIII, Table 8. [40 CFR §60.4218]

G. EMISSIONS UNIT 90 (EU-90) 1,600 KW KOHLER EMERGENCY ENGINE

Subject to RCSA §22a-174-3b(e), RCSA §22a-174-22f and 40 CFR Part 60 Subpart IIII - Engine classification: The engine is an emergency compression ignition engine constructed after June 12, 2006.

1. Maximum Operating Hours

a. Limitation or Restriction

- i. The Permittee shall not allow the emergency engine to operate except during periods of testing and scheduled maintenance or during an emergency as defined in RCSA §22a-174-22e and unless the following condition is met:
 - (A) Operation of the engine shall not exceed 300 hours during any 12-month rolling aggregate. [STATE ONLY REQUIREMENT] [RCSA §22a-174-3b(e)(2)(A)]

b. Monitoring Requirements

Record keeping specified in Section III.G.1.c of this Title V permit shall be sufficient to meet Monitoring Requirements pursuant to RCSA §22a-174-33. [RCSA §22a-174-33(j)(1)(K)(ii)]

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c. Record Keeping Requirements

- i. The Permittee shall make and maintain records of hours of operation for each month and each 12-month rolling aggregate. [STATE ONLY REQUIREMENT] [RCSA §22a-174-3b(e)(4)]
- ii. The Permittee shall maintain all records for five years from the date such record is created and make available to the commissioner to inspect and copy upon request. [STATE ONLY REQUIREMENT] [RCSA §22a-174-3b(e)(3)]

d. Reporting Requirements

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

2. Maximum Fuel Sulfur Content

a. Limitation or Restriction

The Permittee shall comply with the fuel sulfur content requirements of RCSA §22a-174-19b(d)(2) for any nongaseous fuel consumed by the engine. [STATE ONLY REQUIREMENT] [RCSA §22a-174-3b(e)(2)(B)]

b. Monitoring Requirements

Record keeping specified in Section III.G.2.c of this Title V permit shall be sufficient to meet Monitoring Requirements pursuant to RCSA §22a-174-33. [RCSA §22a-174-33(j)(1)(K)(ii)]

c. Record Keeping Requirements

The Permittee shall maintain records sufficient to demonstrate the sulfur content of fuel combusted and the quantity purchased for combustion. A written certification or a written contract with a fuel supplier is sufficient to satisfy this requirement if the certification or contract identifies the following: [RCSA §22a-174-19b(g)(3)]

- i. The name of the fuel seller;
- ii. The type of fuel purchased;
- iii. The sulfur content of the fuel purchased; and
- iv. The method used to determine the sulfur content of the fuel purchased.

d. Reporting Requirements

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

3. NO_x

a. Limitation or Restriction

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The Permittee shall not operate EU-90 for routine, scheduled testing or maintenance on any day for which the commissioner has forecast that ozone levels will be “moderate to unhealthy for sensitive groups” or greater. [RCSA §22a-174-22f(d)(2)]

b. Monitoring Requirements

Record keeping specified in Section III.G.3.c of this Title V permit shall be sufficient to meet other Monitoring and testing Requirement pursuant to RCSA §22a-174-33. [RCSA §22a-174-33(j)(1)(K)(ii)]

c. Record Keeping Requirements

- i. As an emergency engine not subject to 40 CFR 63 Subpart ZZZZ, the Permittee shall keep daily records of the operating hours of this engine, identifying the operating hours of emergency use and the reason for each period of emergency operation. [RCSA §22a-174-22f(g)(3)(A)]
- ii. The Permittee shall keep records of the date and work performed for repairs, replacement of parts and other maintenance. [RCSA §22a-174-22f(g)(3)(B)]
- iii. The Permittee shall keep copies of all documents submitted to the commissioner pursuant to RCSA §22a-174-22f. [RCSA §22a-174-22f(g)(3)(C)]

d. Reporting Requirements

The Permittee shall submit additional information in writing, at the commissioner’s request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier. [RCSA §22a-174-33(j)(1)(X)]

4. 40 CFR Part 60 Subpart IIII–Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

a. Limitation or Restriction

- i. The Permittee shall comply with the emission standards for new nonroad compression ignition engines in 40 CFR §60.4202, for all pollutants, for the same model year and maximum engine power for the engine. [40 CFR §60.4205(b)]
- ii. The Permittee shall operate and maintain the engine to achieve the emission standards as required in 40 CFR §60.4205 over the entire life of the engine. [40 CFR §60.4206]
- iii. The Permittee shall use diesel fuel that meets the requirements of 40 CFR §1090.305 for nonroad diesel fuel. [40 CFR §60.4207(b)]
- iv. The Permittee shall do all of the following, except as permitted under Section III.G.4.a.vii of this Title V permit:
 - (A) Operate and maintain the stationary compression ignition internal combustion engine and control device according to the manufacturer's emission-related written instructions;
 - (B) Change only those emission-related settings that are permitted by the manufacturer; and
 - (C) Meet the requirements of 40 CFR Part 1068, as they apply. [40 CFR §60.4211(a)]
- v. The Permittee shall ensure the engine is certified to the emission standards in 40 CFR §60.4205(b) for

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the same model year and maximum engine power. The engine shall be installed and configured according to the manufacturer's emission-related specifications, except as permitted in Section III.G.4.a.vii of this Title V permit. [40 CFR §60.4211(c)]

- vi. The Permittee may operate the engine for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. Maintenance checks and readiness testing of the engine is limited to 100 hours per year. There is no time limit on the use of emergency stationary ICE in emergency situations, except as limited by Section III.G.1.a.i.(A) of this Title V permit. The Permittee may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the Permittee maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency ICE beyond 100 hours per year. Any operation other than emergency operation, maintenance and testing is prohibited. [40 CFR §60.4211(f)(2)]
- vii. If the Permittee does not install, configure, operate, and maintain the engine and control device (if installed) according to the manufacturer's emission-related written instructions, or the Permittee changes emission-related settings in a way that is not permitted by the manufacturer, the Permittee shall demonstrate compliance by keeping a maintenance plan and records of conducted maintenance and shall, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, the Permittee shall conduct an initial performance test to demonstrate compliance with the applicable emission standards within one year of startup, or within one year after an engine and control device is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within one year after the Permittee changes emission-related settings in a way that is not permitted by the manufacturer. The Permittee must conduct subsequent performance testing every 8,760 hours of engine operation or 3 years, whichever comes first, thereafter to demonstrate compliance with the applicable emission standards. [40 CFR §60.4211(g)(3)]

b. Monitoring Requirements

- i. If the Permittee conducts performance tests pursuant to 40 CFR Part 60 Subpart IIII for the engine, the Permittee shall do so according to 40 CFR §60.4212(a) through (e), inclusive. [40 CFR §60.4212]
- ii. The Permittee shall comply with all applicable monitoring and testing requirements of the General Provisions in 40 CFR §60.1 through §60.19, , as specified in 40 CFR Part 60 Subpart IIII, Table 8. [40 CFR §60.4218]

c. Record Keeping Requirements

- ii. The Permittee shall comply with all applicable record keeping requirements of the General Provisions in 40 CFR §60.1 through §60.19, , as specified in 40 CFR Part 60 Subpart IIII, Table 8. [40 CFR §60.4218]
- iii. The Permittee shall maintain appropriate records indicating compliance with the limitations and restrictions in Section III.G.4.a of this Title V permit. Such records may include, but are not limited to, manufacturer's specifications and operating recommendations, purchase records and internal operating procedures. [RSCA §22a-174-33(j)(1)(K)(ii)]

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d. Reporting Requirements

The Permittee shall comply with all applicable reporting requirements of the General Provisions in 40 CFR §60.1 through §60.19, inclusive, as specified in 40 CFR Part 60 Subpart IIII, Table 8. [40 CFR §60.4218]

H. EMISSIONS UNIT 94 (EU-94) No. 2 FUEL OIL FIRED BOILER

Subject to 40 CFR Part 63 Subpart JJJJJJ

Boiler Classification: The boiler is a new boiler with heat input capacity less than 5 MMBtu/hr and constructed after June 4, 2010.

1. 40 CFR Part 63 Subpart JJJJJJ–Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources

a. Limitation or Restriction

- i. The Permittee shall not be required to complete an initial performance tune-up; however, a complete applicable five-year tune-up as specified in 40 CFR §63.11223 no later than 61 months after the initial startup of the new boiler shall be required. [40 CFR §63.11210(g) and 40 CFR §63.11223(b)]
- ii. The Permittee shall conduct the tune-up while burning the type of fuel that provided the majority of the heat input to the boiler over the 12 months prior to the tune-up. [40 CFR §63.11223(a)]
- iii. If the boiler is not operating on the required date for a tune-up, the tune-up must be conducted within 30 days of startup. [40 CFR §63.11223(b)(7)]
- iv. The Permittee of a new boiler subject to a requirement to conduct a tune-up shall not be required to prepare and submit a Notification of Compliance Status for the tune-up. [40 CFR §63.11225(a)(4)]

b. Monitoring and Testing Requirements

- i. The Permittee shall conduct a tune-up of the boiler every five years to demonstrate continuous compliance specified as follows:
[40 CFR §63.11223(e)]
 - (A) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (the burner inspection may be delayed until the next scheduled unit shutdown, not to exceed 36 months from the previous inspection). [40 CFR §63.11223(b)(1)]
 - (B) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available. [40 CFR §63.11223(b)(2)]
 - (C) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (the inspection may be delayed until the next scheduled unit shutdown, not to exceed 36 months from the previous inspection).
[40 CFR §63.11223(b)(3)]
 - (D) Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any nitrogen oxide requirement to which the boiler is subject. [40 CFR §63.11223(b)(4)]

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- (E) Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer. [40 CFR §63.11223(b)(5)]

c. Record Keeping and Reporting Requirements

- i. The Permittee shall maintain records on-site and submit, if requested by the Administrator, a report containing the following information:
 - (A) The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler. [40 CFR §63.11223(b)(6)(i)]
 - (B) A description of any corrective actions taken as a part of the tune-up of the boiler. [40 CFR §63.11223(b)(6)(ii)]
 - (C) The type and amount of fuel used over the 12 months prior to the tune-up of the boiler, but only if the boiler was physically and legally capable of using more than one type of fuel during that period. Boilers sharing a fuel meter may estimate the fuel use by each boiler. [40 CFR §63.11223(b)(6)(iii)]
- ii. The Permittee shall keep records that identify the boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned. [40 CFR §63.11225(c)(2)(i)]
- iii. The Permittee shall keep records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment. [40 CFR §63.11225(c)(4)]
- iv. The Permittee shall keep records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in 40 CFR §63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation. [40 CFR §63.11225(c)(5)]
- v. The Permittee shall prepare, by March 1, and submit to the Administrator upon request, a five-year compliance certification report for the previous calendar years. Specifically, the boiler is subject only to the requirement to conduct a 5-year tune-up according to §63.11223(a) and is not subject to emission limits or operating limits. Therefore, the Permittee shall prepare only a 5-year compliance report as specified below: [40 CFR §63.11225(b)]
 - (A) Company name and address; and [40 CFR §63.11225(b)(1)]
 - (B) Statement by a responsible official, with the official's name, title, phone number, email address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart. The notification shall include the following certification(s) of compliance, as applicable, and signed by a responsible official: [40 CFR §63.11225(b)(2)]
 - (1) "This facility complies with the requirements in §63.11223 to conduct a biennial or 5-year tune-up, as applicable, of each boiler."

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- (2) “For units that do not qualify for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act: “No secondary materials that are solid waste were combusted in any affected unit.”
- (3) “This facility complies with the requirement in §§63.11214(d) and 63.11223(g) to minimize the boiler's time spent during startup and shutdown and to conduct startups and shutdowns according to the manufacturer's recommended procedures or procedures specified for a boiler of similar design if manufacturer's recommended procedures are not available.”

I. PREMISES-WIDE GENERAL REQUIREMENTS

1. **Annual Emission Statements:** The Permittee shall submit annual emission statements requested by the commissioner as set forth in RCSA §22a-174-4a(b)(1).
2. **Emergency Episode Procedures:** The Permittee shall comply with the procedures for emergency episodes as set forth in RCSA §22a-174-6.
3. **Reporting of Malfunctioning Control Equipment:** The Permittee shall comply with the reporting requirements of malfunctioning control equipment as set forth in RCSA §22a-174-7.
4. **Prohibition of Air Pollution:** The Permittee shall comply with the requirement to prevent air pollution as set forth in RCSA §22a-174-9.
5. **Public Availability of Information:** The public availability of information shall apply, as set forth in RCSA §22a-174-10.
6. **Prohibition Against Concealment/Circumvention:** The Permittee shall comply with the prohibition against concealment or circumvention as set forth in RCSA §22a-174-11.
7. **Violations and Enforcement:** The Permittee shall not violate or cause the violation of any applicable regulation as set forth in RCSA §22a-174-12.
8. **Variances:** The Permittee may apply to the commissioner for a variance from one or more of the provisions of these regulations as set forth in RCSA §22a-174-13.
9. **No Defense to Nuisance Claim:** The Permittee shall comply with the regulations as set forth in RCSA §22a-174-14.
10. **Severability:** The Permittee shall comply with the severability requirements as set forth in RCSA §22a-174-15.
11. **Responsibility to Comply:** The Permittee shall be responsible to comply with the applicable regulations as set forth in RCSA §22a-174-16.
12. **Particulate Emissions:** The Permittee shall comply with the standards for control of particulate matter and visible emissions as set forth in RCSA §22a-174-18.
13. **Fuel Sulfur Content:**
 - a. For the period beginning July 1, 2014 and ending June 30, 2018, the Permittee shall not use No. 2 heating oil that exceeds five hundred parts per million of sulfur by weight as set forth in CGS §16a-

Section III: Applicable Requirements and Compliance Demonstration

21a(a)(2)(A); and

- b. On or after July 1, 2018, the Permittee shall not use No. 2 heating oil that exceeds fifteen parts per million of sulfur by weight as set forth in CGS §16a-21a(a)(2)(B).
- 14. Sulfur Compound Emissions:** The Permittee shall comply with the requirements for control of sulfur compound emissions as set forth in RCSA §§22a-174-19, 22a-174-19a and 22a-174-19b, as applicable.
- 15. Organic Compound Emissions:** The Permittee shall comply with the requirements for control of organic compound emissions as set forth in RCSA §22a-174-20.
- 16. Nitrogen Oxide Emissions:** The Permittee shall comply with the requirements for control of nitrogen oxide emissions as set forth in RCSA §22a-174-22e and §22a-174-22f.
- 17. Ambient Air Quality:** The Permittee shall not cause or contribute to a violation of an ambient air quality standard as set forth in RCSA §22a-174-24(b).
- 18. Open Burning:** The Permittee is prohibited from conducting open burning, except as may be allowed by CGS §22a-174(f).
- 19. Asbestos:** Should the premises, as defined in 40 CFR §61.145, become subject to the national emission standard for asbestos regulations in 40 CFR Part 61 Subpart M when conducting any renovation or demolition at this premises, then the Permittee shall submit proper notification as described in 40 CFR §61.145(b) and shall comply with all other applicable requirements of 40 CFR Part 61 Subpart M.
- 20. Emission Fees:** The Permittee shall pay an emission fee as set forth in RCSA §22a-174-26(d).

Section IV: Compliance Schedule

| TABLE IV: COMPLIANCE SCHEDULE | | | | |
|--------------------------------------|-------------------------------|---|---|--|
| Emissions Unit | Applicable Regulations | Steps Required for Achieving Compliance (Milestones) | Date by which Each Step is to be Completed | Dates for Monitoring, Record Keeping, and Reporting |
| | | No steps are required for achieving compliance at this time | | |
| | | | | |

Section V: State Enforceable Terms and Conditions

Only the Commissioner of the Department of Energy and Environmental Protection has the authority to enforce the terms, conditions and limitations contained in this section.

SECTION V: STATE ENFORCEABLE TERMS AND CONDITIONS

- A.** This Title V permit does not relieve the Permittee of the responsibility to conduct, maintain and operate the emissions units in compliance with all applicable requirements of any other Bureau of the Department of Energy and Environmental Protection or any federal, local or other state agency. Nothing in this Title V permit shall relieve the Permittee of other obligations under applicable federal, state and local law.
- B.** Nothing in this Title V permit shall affect the commissioner's authority to institute any proceeding or take any other action to prevent or abate violations of law, prevent or abate pollution, investigate air pollution, recover costs and natural resource damages, and to impose penalties for violations of law, including but not limited to violations of this or any other permit issued to the Permittee by the commissioner.
- C.** Additional Emissions Units
1. The Permittee shall make and submit a written record, at the commissioner's request, within 30 days of receipt of notice from the commissioner, or by such other date specified by the commissioner, of each additional emissions unit or group of similar or identical emissions units at the premises.
 2. Such record of additional emissions units shall include each emissions unit, or group of emissions units, at the premises which is not listed in Section II.A of this Title V permit, unless the emissions unit, or group of emissions units, is:
 - a. an insignificant emissions unit as defined in RCSA §22a-174-33; or
 - b. an emissions unit or activity listed in *White Paper for Streamlined Development of Part 70 Permit Applications, Attachment A* (EPA guidance memorandum dated July 10, 1995).
 3. For each emissions unit, or group of emissions units, on such record, the record shall include, as available:
 - a. Description, including make and model;
 - b. Year of construction/installation or if a group, range of years of construction/installation;
 - c. Maximum throughput or capacity; and
 - d. Fuel type, if applicable.
- D.** Odors: The Permittee shall not cause or permit the emission of any substance or combination of substances which creates or contributes to an odor that constitutes a nuisance beyond the property boundary of the premises as set forth in RCSA §22a-174-23.
- E.** Hazardous Air Pollutants (HAPs): The Permittee shall operate in compliance with the regulations for the control of HAPs as set forth in RCSA §22a-174-29.

Section VI: Title V Requirements

The Administrator of the United States Environmental Protection Agency and the Commissioner of the Department of Energy and Environmental Protection have the authority to enforce the terms and conditions contained in this section.

SECTION VI: TITLE V REQUIREMENTS

A. SUBMITTALS TO THE COMMISSIONER & ADMINISTRATOR

The date of submission to the commissioner of any document required by this Title V permit shall be the date such document is received by the commissioner. The date of any notice by the commissioner under this Title V permit, including, but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is delivered or the date three days after it is mailed by the commissioner, whichever is earlier. Except as otherwise specified in this Title V permit, the word "day" means calendar day. Any document or action which is required by this Title V permit to be submitted or performed by a date which falls on a Saturday, Sunday or legal holiday shall be submitted or performed by the next business day thereafter.

Any document required to be submitted to the commissioner under this Title V permit shall, unless otherwise specified in writing by the commissioner, be directed to: Office of the Director; Engineering & Enforcement Division; Bureau of Air Management; Department of Energy and Environmental Protection; 79 Elm Street, 5th Floor; Hartford, Connecticut 06106-5127.

Any submittal to the Administrator of the Environmental Protection Agency shall be in a computer-readable format and addressed to: U.S. EPA New England, 5 Post Office Square, Suite 100 (OES04-2), Boston, Massachusetts 02109, Attn: Air Clerk.

B. CERTIFICATIONS [RCSA §22a-174-33(b)]

In accordance with RCSA §22a-174-33(b), any report or other document required by this Title V permit and any other information submitted to the commissioner or Administrator shall be signed by an individual described in RCSA §22a-174-2a(a), or by a duly authorized representative of such individual. Any individual signing any document pursuant to RCSA §22a-174-33(b) shall examine and be familiar with the information submitted in the document and all attachments thereto, and shall make inquiry of those individuals responsible for obtaining the information to determine that the information is true, accurate, and complete, and shall also sign the following certification as provided in RCSA §22a-174-2a(a)(4):

“I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that any false statement made in the submitted information may be punishable as a criminal offense under Section 22a-175 of the Connecticut General Statutes, under Section 53a-157b of the Connecticut General Statutes, and in accordance with any applicable statute.”

C. SIGNATORY RESPONSIBILITY [RCSA §22a-174-2a(a)]

For purposes of signing any Title V-related application, document, report or certification required by RCSA §22a-174-33, any corporation's duly authorized representative may be either a named individual or any individual occupying a named position. Such named individual or individual occupying a named position is a duly authorized representative if such individual is responsible for the overall operation of one or more manufacturing, production or operating facilities subject to RCSA §22a-174-33 and either:

Section VI: Title V Requirements

1. The facilities employ more than 250 persons or have gross annual sales or expenditures exceeding 25 million dollars in second quarter 1980 dollars; or
2. The delegation of authority to the duly authorized representative has been given in writing by an officer of the corporation in accordance with corporate procedures and the following:
 - i. Such written authorization specifically authorizes a named individual, or a named position, having responsibility for the overall operation of the Title V premises or activity,
 - ii. Such written authorization is submitted to the commissioner and has been approved by the commissioner in advance of such delegation. Such approval does not constitute approval of corporate procedures, and
 - iii. If a duly authorized representative is a named individual in an authorization submitted under subclause ii. of this subparagraph and a different individual is assigned or has assumed the responsibilities of the duly authorized representative, or, if a duly authorized representative is a named position in an authorization submitted under subclause ii. of this subparagraph and a different named position is assigned or has assumed the duties of the duly authorized representative, a new written authorization shall be submitted to the commissioner prior to or together with the submission of any application, document, report or certification signed by such representative.

D. ADDITIONAL INFORMATION [RCSA §22a-174-33(j)(1)(X), RCSA §22a-174-33(h)(2)]

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier, including information to determine whether cause exists for modifying, revoking, reopening, reissuing, or suspending this Title V permit or to determine compliance with this Title V permit.

In addition, the Permittee shall submit information to address any requirements that become applicable to the subject source and shall submit correct, complete, and sufficient information within 15 days of the applicant's becoming aware of any incorrect, incomplete, or insufficient submittal, during the pendency of the application, or any time thereafter, with an explanation for such deficiency and a certification pursuant to RCSA §22a-174-2a(a)(5).

E. MONITORING REPORTS [RCSA §22a-174-33(o)(1)]

A Permittee, required to perform monitoring pursuant to this Title V permit, shall submit to the commissioner, on forms prescribed by the commissioner, written monitoring reports on March 1 and September 1 of each year or on a more frequent schedule if specified in such permit. Such monitoring reports shall include the date and description of each deviation from a permit requirement including, but not limited to:

1. Each deviation caused by upset or control equipment deficiencies; and
2. Each deviation of a permit requirement that has been monitored by the monitoring systems required under this Title V permit, which has occurred since the date of the last monitoring report; and
3. Each deviation caused by a failure of the monitoring system to provide reliable data.

Section VI: Title V Requirements

F. PREMISES RECORDS [RCSA §22a-174-33(o)(2)]

Unless otherwise required by this Title V permit, the Permittee shall make and keep records of all required monitoring data and supporting information for at least five years from the date such data and information were obtained. The Permittee shall make such records available for inspection at the site of the subject source and shall submit such records to the commissioner upon request. The following information, in addition to required monitoring data, shall be recorded for each permitted source:

1. The type of monitoring or records used to obtain such data, including record keeping;
2. The date, place, and time of sampling or measurement;
3. The name of the individual who performed the sampling or the measurement and the name of such individual's employer;
4. The date(s) on which analyses of such samples or measurements were performed;
5. The name and address of the entity that performed the analyses;
6. The analytical techniques or methods used for such analyses;
7. The results of such analyses;
8. The operating conditions at the subject source at the time of such sampling or measurement; and
9. All calibration and maintenance records relating to the instrumentation used in such sampling or measurements, all original strip-chart recordings or computer printouts generated by continuous monitoring instrumentation, and copies of all reports required by the subject permit.

G. PROGRESS REPORTS [RCSA §22a-174-33(q)(1)]

The Permittee shall, on March 1 and September 1 of each year, or on a more frequent schedule if specified in this Title V permit, submit to the commissioner a progress report on forms prescribed by the commissioner, and certified in accordance with RCSA §22a-174-2a(a)(5). Such report shall describe the Permittee's progress in achieving compliance under the compliance plan schedule contained in this Title V permit. Such progress report shall:

1. Identify those obligations under the compliance plan schedule in this Title V permit which the Permittee has met, and the dates on which they were met; and
2. Identify those obligations under the compliance plan schedule in this Title V permit which the Permittee has not timely met, explain why they were not timely met, describe all measures taken or to be taken to meet them and identify the date by which the Permittee expects to meet them.

Any progress report prepared and submitted pursuant to RCSA §22a-174-33(q)(1) shall be simultaneously submitted by the Permittee to the Administrator.

Section VI: Title V Requirements

H. COMPLIANCE CERTIFICATIONS [RCSA §22a-174-33(q)(2)]

The Permittee shall, on March 1 of each year, or on a more frequent schedule if specified in this Title V permit, submit to the commissioner a written compliance certification certified in accordance with RCSA §22a-174-2a(a)(5) and which includes the information identified in 40 CFR §§70.6(c)(5)(iii)(A) to (C), inclusive.

Any compliance certification prepared and submitted pursuant to RCSA §22a-174-33(q)(2) shall be simultaneously submitted by the Permittee to the Administrator.

I. PERMIT DEVIATION NOTIFICATIONS [RCSA §22a-174-33(p)]

Notwithstanding Section VI.E of this Title V permit, the Permittee shall notify the commissioner in writing, on forms prescribed by the commissioner, of any deviation from an emissions limitation, and shall identify the cause or likely cause of such deviation, all corrective actions and preventive measures taken with respect thereto, and the dates of such actions and measures as follows:

1. For any hazardous air pollutant, no later than 24 hours after such deviation commenced; and
2. For any other regulated air pollutant, no later than ten days after such deviation commenced.

J. PERMIT RENEWAL [RCSA §22a-174-33(j)(1)(B)]

All of the terms and conditions of this Title V permit shall remain in effect until the renewal permit is issued or denied provided that a timely renewal application is filed in accordance with RCSA §§22a-174-33(g), -33(h), and -33(i).

K. OPERATE IN COMPLIANCE [RCSA §22a-174-33(j)(1)(C)]

The Permittee shall operate the source in compliance with the terms of all applicable regulations, the terms of this Title V permit, and any other applicable provisions of law. In addition, any noncompliance constitutes a violation of the Clean Air Act and Chapter 446c of the Connecticut General Statutes and is grounds for federal and/or state enforcement action, permit termination, revocation and reissuance, or modification, and denial of a permit renewal application.

L. COMPLIANCE WITH PERMIT [RCSA §22a-174-33(j)(1)(G)]

This Title V permit shall not be deemed to:

1. Preclude the creation or use of emission reduction credits or allowances or the trading thereof in accordance with RCSA §§22a-174-33(j)(1)(I) and -33(j)(1)(P), provided that the commissioner's prior written approval of the creation, use, or trading is obtained;
2. Authorize emissions of an air pollutant so as to exceed levels prohibited pursuant to 40 CFR Part 72;
3. Authorize the use of allowances pursuant to 40 CFR Parts 72 through 78, inclusive, as a defense to noncompliance with any other applicable requirement; or
4. Impose limits on emissions from items or activities specified in RCSA §§22a-174-33(g)(3)(A) and -33(g)(3)(B) unless imposition of such limits is required by an applicable requirement.

Section VI: Title V Requirements

M. INSPECTION TO DETERMINE COMPLIANCE [RCSA §22a-174-33(j)(1)(M)]

The commissioner may, for the purpose of determining compliance with this Title V permit and other applicable requirements, enter the premises at reasonable times to inspect any facilities, equipment, practices, or operations regulated or required under such permit; to sample or otherwise monitor substances or parameters; and to review and copy relevant records lawfully required to be maintained at such premises in accordance with this Title V permit. It shall be grounds for permit revocation should entry, inspection, sampling, or monitoring be denied or effectively denied, or if access to and the copying of relevant records is denied or effectively denied.

N. PERMIT AVAILABILITY

The Permittee shall have available at the facility at all times a copy of this Title V permit.

O. SEVERABILITY CLAUSE [RCSA §22a-174-33(j)(1)(R)]

The provisions of this Title V permit are severable. If any provision of this Title V permit or the application of any provision of this Title V permit to any circumstance is held invalid, the remainder of this Title V permit and the application of such provision to other circumstances shall not be affected.

P. NEED TO HALT OR REDUCE ACTIVITY [RCSA §22a-174-33(j)(1)(T)]

It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Title V permit.

Q. PERMIT REQUIREMENTS [RCSA §22a-174-33(j)(1)(V)]

The filing of an application or of a notification of planned changes or anticipated noncompliance does not stay the Permittee's obligation to comply with this Title V permit.

R. PROPERTY RIGHTS [RCSA §22a-174-33(j)(1)(W)]

This Title V permit does not convey any property rights or any exclusive privileges. This Title V permit is subject to, and in no way derogates from any present or future property rights or other rights or powers of the State of Connecticut, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the facility or regulated activity affected thereby, including CGS §4-181a(b) and RCSA §22a-3a-5(b). This Title V permit shall neither create nor affect any rights of persons who are not parties to this Title V permit.

S. ALTERNATIVE OPERATING SCENARIO RECORDS [RCSA §22a-174-33(o)(3)]

The Permittee shall, contemporaneously with making a change authorized by this Title V permit from one alternative operating scenario to another, maintain a record at the premises indicating when changes are made from one operating scenario to another and shall maintain a record of the current alternative operating scenario.

Section VI: Title V Requirements

T. OPERATIONAL FLEXIBILITY AND OFF-PERMIT CHANGES [RCSA §22a-174-33(r)(2)]

The Permittee may engage in any action allowed by the Administrator in accordance with 40 CFR §§70.4(b)(12)(i) to (iii)(B), inclusive, and 40 CFR §§70.4(b)(14)(i) to (iv), inclusive, without a Title V non-minor permit modification, minor permit modification or revision and without requesting a Title V non-minor permit modification, minor permit modification or revision provided such action does not:

1. Constitute a modification under 40 CFR Part 60, 61 or 63;
2. Exceed emissions allowable under the subject permit;
3. Constitute an action which would subject the Permittee to any standard or other requirement pursuant to 40 CFR Parts 72 to 78, inclusive; or
4. Constitute a non-minor permit modification pursuant to RCSA §22a-174-2a(d)(4).

At least seven days before initiating an action specified in RCSA §22a-174-33(r)(2)(A), the Permittee shall notify the Administrator and the commissioner in writing of such intended action.

U. INFORMATION FOR NOTIFICATION [RCSA §22a-174-33(r)(2)(A)]

Written notification required under RCSA §22a-174-33(r)(2)(A) shall include a description of each change to be made, the date on which such change will occur, any change in emissions that may occur as a result of such change, any Title V permit terms and conditions that may be affected by such change, and any applicable requirement that would apply as a result of such change. The Permittee shall thereafter maintain a copy of such notice with the Title V permit. The commissioner and the Permittee shall each attach a copy of such notice to their copy of the Title V permit.

V. TRANSFERS [RCSA §22a-174-2a(g)]

No person other than the Permittee shall act or refrain from acting under the authority of this Title V permit unless such permit has been transferred to another person in accordance with RCSA §22a-174-2a(g).

The proposed transferor and transferee of a permit shall submit to the commissioner a request for a permit transfer on a form provided by the commissioner. A request for a permit transfer shall be accompanied by any fees required by any applicable provision of the general statutes or regulations adopted thereunder. The commissioner may also require the proposed transferee to submit with any such request, the information identified in CGS §22a-6o.

W. REVOCATION [RCSA §22a-174-2a(h)]

The commissioner may revoke this Title V permit on his own initiative or on the request of the Permittee or any other person, in accordance with CGS §4-182(c), RCSA §22a-3a-5(d), and any other applicable law. Any such request shall be in writing and contain facts and reasons supporting the request. The Permittee requesting revocation of this Title V permit shall state the requested date of revocation and provide evidence satisfactory to the commissioner that the subject source is no longer a Title V source.

Pursuant to the Clean Air Act, the Administrator has the power to revoke this Title V permit. Pursuant to the Clean Air Act, the Administrator also has the power to reissue this Title V permit if the Administrator has determined that the commissioner failed to act in a timely manner on a permit renewal application.

Section VI: Title V Requirements

This Title V permit may be modified, revoked, reopened, reissued, or suspended by the commissioner, or the Administrator in accordance with RCSA §22a-174-33(r), CGS §22a-174c, or RCSA §22a-3a-5(d).

X. REOPENING FOR CAUSE [RCSA §22a-174-33(s)]

This Title V permit may be reopened by the commissioner, or the Administrator in accordance with RCSA §22a-174-33(s).

Y. CREDIBLE EVIDENCE

Notwithstanding any other provision of this Title V permit, for the purpose of determining compliance or establishing whether a Permittee has violated or is in violation of any permit condition, nothing in this Title V permit shall preclude the use, including the exclusive use, of any credible evidence or information.

Print for Compliance Certification or Enforcement

Click the button below to generate the appropriate checklist. Be aware that this macro does not work unless you have access to the DEEP D-Drive.

This macro takes anywhere from 2-5 minutes to run. Your computer will look like it is locked up but it is working. Unfortunately the new DEEP virtual computer system makes this process even slower. Please be patient.

Print Enforcement Checklist

Print Compliance Certification