



MAJOR SOURCE OPERATING PERMIT

PERMITTEE: ALABAMA BULK TERMINAL COMPANY, LLC
FACILITY NAME: BLAKELEY ISLAND TERMINAL
FACILITY/PERMIT NO.: 503-3035
LOCATION: MOBILE, MOBILE COUNTY, ALABAMA

In accordance with and subject to the provisions of the Alabama Air Pollution Control Act of 1971, Ala. Code §§ 22-28-1 to 22-28-23, as amended, the Alabama Environmental Management Act, Ala. Code §§ 22-22A-1 to 22-22A-17, as amended, and rules and regulations adopted there under, and subject further to the conditions set forth in this permit, the Permittee is hereby authorized to construct, install and use the equipment, device or other article described above.

*Pursuant to the **Clean Air Act of 1990**, all conditions of this permit are federally enforceable by EPA, the Alabama Department of Environmental Management, and citizens in general. Those provisions which are not required under the **Clean Air Act of 1990** are considered to be state permit provisions and are not federally enforceable by EPA and citizens in general. Those provisions are contained in separate sections of this permit.*

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General Permit Provisos

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<p>1. <u>Transfer</u></p> <p>This permit is not transferable, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another, or from one person to another, except as provided in ADEM Admin. Code r. 335-3-16-.13(1)(a)5.</p>	ADEM Admin. Code r. 335-3-16-.02(6)
<p>2. <u>Renewals</u></p> <p>An application for permit renewal shall be submitted at least six (6) months, but not more than eighteen (18) months, before the date of expiration of this permit.</p> <p>The source for which this permit is issued shall lose its right to operate upon the expiration of this permit unless a timely and complete renewal application has been submitted within the time constraints listed in the previous paragraph.</p>	ADEM Admin. Code r. 335-3-16-.12(2)
<p>3. <u>Severability Clause</u></p> <p>The provisions of this permit are declared to be severable and if any section, paragraph, subparagraph, subdivision, clause, or phrase of this permit shall be adjudged to be invalid or unconstitutional by any court of competent jurisdiction, the judgment shall not affect, impair, or invalidate the remainder of this permit, but shall be confined in its operation to the section, paragraph, subparagraph, subdivisions, clause, or phrase of this permit that shall be directly involved in the controversy in which such judgment shall have been rendered.</p>	ADEM Admin. Code r. 335-3-16-.05(e)
<p>4. <u>Compliance</u></p> <p>(a) The permittee shall comply with all conditions of ADEM Admin. Code 335-3. Noncompliance with this permit will constitute a violation of the Clean Air Act of 1990 and ADEM Admin. Code 335-3 and may result in an enforcement action; including but not limited to, permit termination, revocation and reissuance, or modification; or denial of a permit renewal application by the permittee.</p> <p>(b) The permittee shall not use as a defense in an enforcement action that maintaining compliance with conditions of this permit would have required halting or reducing the permitted activity.</p>	ADEM Admin. Code r. 335-3-16-.05(f) ADEM Admin. Code r. 335-3-16-.05(g)
<p>5. <u>Termination for Cause</u></p> <p>This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance will not stay any permit condition.</p>	ADEM Admin. Code r. 335-3-16-.05(h)

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<p>6. <u>Property Rights</u></p> <p>The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.</p>	ADEM Admin. Code r. 335-3-16-.05(i)
<p>7. <u>Submission of Information</u></p> <p>The permittee must submit to the Air Division, within 30 days or for such other reasonable time as the Air Division may set, any information that the Air Division may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. Upon receiving a specific request, the permittee shall also furnish to the Air Division copies of records required to be kept by this permit.</p>	ADEM Admin. Code r. 335-3-16-.05(j)
<p>8. <u>Economic Incentives, Marketable Permits, and Emissions Trading</u></p> <p>No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.</p>	ADEM Admin. Code r. 335-3-16-.05(k)
<p>9. <u>Certification of Truth, Accuracy, and Completeness</u></p> <p>Any application form, report, test data, monitoring data, or compliance certification submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.</p>	ADEM Admin. Code r. 335-3-16-.07(a)
<p>10. <u>Inspection and Entry</u></p> <p>Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized representatives of the Alabama Department of Environmental Management and EPA to conduct the following:</p> <ul style="list-style-type: none">(a) Enter upon the permittee's premises where a source is located or emissions-related activity is conducted, or where records must be kept pursuant to the conditions of this permit;(b) Review and/or copy, at reasonable times, any records that must be kept pursuant to the conditions of this permit;(c) Inspect, at reasonable times, this facility's equipment (including monitoring equipment and air pollution control equipment), practices, or operations regulated or required pursuant to this permit;	ADEM Admin. Code r. 335-3-16-.07(b)

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- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or other applicable requirements.

11. Compliance Provisions

- (a) The permittee shall continue to comply with the applicable requirements with which the company has certified that it is already in compliance.
- (b) The permittee shall comply in a timely manner with applicable requirements that become effective during the term of this permit.

ADEM Admin. Code r.
335-3-16-.07(c)

12. Compliance Certification

The permittee shall submit a complete and accurate compliance certification by **March 1st** of each year for each annual reporting period of this permit (January 1st - December 31st).

ADEM Admin. Code r.
335-3-16-.07(e)

- (a) The compliance certification shall include the following:
- (1) The identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with ADEM Admin. Code r. 335-3-16-.05(c) (Monitoring and Recordkeeping Requirements);
 - (4) Whether compliance has been continuous or intermittent;
 - (5) Such other facts as the Air Division may require to determine the compliance status of the source;
- (b) The compliance certification shall be submitted to:

Alabama Department of Environmental Management
Air Division
P.O. Box 301463
Montgomery, AL 36130-1463

and to:

Enforcement and Compliance Assurance Division
EPA Region 4
Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, GA 30303

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13. Reopening for Cause

Under any of the following circumstances, this permit will be reopened prior to the expiration of the permit:

ADEM Admin. Code r. 335-3-16-.13(5)

- (a) Additional applicable requirements under the Clean Air Act of 1990 become applicable to the permittee with a remaining permit term of three (3) or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire.
- (b) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into this permit.
- (c) The Department or EPA determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
- (d) The Administrator or the Department determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

14. Additional Rules and Regulations

This permit is issued on the basis of Rules and Regulations existing on the date of issuance. In the event additional Rules and Regulations are adopted, it shall be the permit holder's responsibility to comply with such rules.

§22-28-16(d), Code of Alabama 1975, as amended

15. Equipment Maintenance or Breakdown

- (a) In case of shutdown of air pollution control equipment (which operates pursuant to any permit issued by the Director) for necessary scheduled maintenance, the intent to shut down such equipment shall be reported to the Air Division at least (24) hours prior to the planned shutdown, unless such shutdown is accompanied by the shutdown of the source which such equipment is intended to control. Such prior notice shall include, but is not limited to the following:
 - (1) Identification of the specific facility to be taken out of service as well as its location and permit number;
 - (2) The expected length of time that the air pollution control equipment will be out of service;

ADEM Admin. Code r. 335-3-1-.07(1),(2)

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- (3) The nature and quality of emissions of air contaminants likely to occur during the shutdown period;
 - (4) Measures such as the use of off-shift labor and equipment that will be taken to minimize the length of the shutdown period;
 - (5) The reasons that it would be impossible or impractical to shut down the sources operation during the maintenance period.
- (b) In the event that there is a breakdown of equipment or upset of process in such a manner as to cause, or is expected to cause, increased emissions of air contaminants which are above an applicable standard, the person responsible for such equipment shall notify the Director within 24 hours or the next working day and provide a statement giving all pertinent facts, including the estimated duration of the breakdown. The Director shall be notified when the breakdown has been corrected.

16. Operation of Capture and Control Devices

All air pollution control devices and capture systems for which this permit is issued shall be maintained and operated at all times in a manner so as to minimize the emissions of air contaminants. Procedures for ensuring that the above equipment is properly operated and maintained so as to minimize the emission of air contaminants shall be established.

§22-28-16(d), Code of Alabama 1975, as amended

17. Obnoxious Odors

This permit is issued with the condition that, should obnoxious odors arising from the plant operations be verified by Air Division inspectors, measures to abate the odorous emissions shall be taken upon a determination by the Alabama Department of Environmental Management that these measures are technically and economically feasible.

ADEM Admin. Code r. 335-3-1-.08

18. Fugitive Dust

- (a) Precautions shall be taken to prevent fugitive dust emanating from plant roads, grounds, stockpiles, screens, dryers, hoppers, ductwork, etc.
- (b) Plant or haul roads and grounds shall be maintained in the following manner so that dust will not become airborne. A minimum of one, or a combination, of the following methods shall be utilized to minimize airborne dust from plant or haul roads and grounds:

ADEM Admin. Code r. 335-3-4-.02

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- (1) By the application of water any time the surface of the road is sufficiently dry to allow the creation of dust emissions by the act of wind or vehicular traffic;
- (2) By reducing the speed of vehicular traffic to a point below that at which dust emissions are created;
- (3) By paving;
- (4) By the application of binders to the road surface at any time the road surface is found to allow the creation of dust emissions.

Should one, or a combination, of the above methods fail to adequately reduce airborne dust from plant or haul roads and grounds, alternative methods shall be employed, either exclusively or in combination with one or all of the above control techniques, so that dust will not become airborne. Alternative methods shall be approved by the Air Division prior to utilization.

19. Additions and Revisions

Any modifications to this source shall comply with the modification procedures in ADEM Admin. Code r. 335-3-16-.13 or 335-3-16-.14.

ADEM Admin. Code r. 335-3-16-.13 and 335-3-16-.14

20. Recordkeeping Requirements

- (a) Records of required monitoring information of the source shall include the following:
 - (1) The date, place, and time of all sampling or measurements;
 - (2) The date analyses were performed;
 - (3) The company or entity that performed the analyses;
 - (4) The analytical techniques or methods used;
 - (5) The results of all analyses; and
 - (6) The operating conditions that existed at the time of sampling or measurement.
- (b) Retention of records of all required monitoring data and support information of the source for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring

ADEM Admin. Code r. 335-3-16-.05(c)2.

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<p>instrumentation and copies of all reports required by the permit.</p>	
<p>21. Reporting Requirements</p>	
<p>(a) Reports to the Air Division of any required monitoring shall be submitted at least every 6 months. All instances of deviations from permit requirements must be clearly identified in said reports. All required reports must be certified by a responsible official consistent with ADEM Admin. Code r. 335-3-16-.04(9).</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)3.</p>
<p>(b) Deviations from permit requirements shall be reported within 48 hours or 2 working days of such deviations, including those attributable to upset conditions as defined in the permit. The report shall include the probable cause of said deviations, and any corrective actions or preventive measures that were taken.</p>	
<p>22. Emission Testing Requirements</p>	
<p>Each point of emission which requires testing shall be provided with sampling ports, ladders, platforms, and other safety equipment to facilitate testing performed in accordance with procedures established by Part 60 of Title 40 of the Code of Federal Regulations, as the same may be amended or revised.</p>	<p>ADEM Admin. Code r. 335-3-1-.05(3) and 335-3-1-.04(1)</p>
<p>The Air Division must be notified in writing at least 10 days in advance of all emission tests to be conducted and submitted as proof of compliance with the Department's air pollution control rules and regulations.</p>	
<p>To avoid problems concerning testing methods and procedures, the following shall be included with the notification letter:</p>	<p>ADEM Admin. Code r. 335-3-1-.04</p>
<p>(a) The date the test crew is expected to arrive, the date and time anticipated of the start of the first run, how many and which sources are to be tested, and the names of the persons and/or testing company that will conduct the tests.</p>	
<p>(b) A complete description of each sampling train to be used, including type of media used in determining gas stream components, type of probe lining, type of filter media, and probe cleaning method and solvent to be used (if test procedures require probe cleaning).</p>	
<p>(c) A description of the process(es) to be tested including the feed rate, any operating parameters used to control or influence the operations, and the rated capacity.</p>	
<p>(d) A sketch or sketches showing sampling point locations and their relative positions to the nearest upstream and downstream gas flow disturbances.</p>	

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<p>A pretest meeting may be held at the request of the source owner or the Air Division. The necessity for such a meeting and the required attendees will be determined on a case-by-case basis.</p> <p>All test reports must be submitted to the Air Division within 30 days of the actual completion of the test unless an extension of time is specifically approved by the Air Division.</p>	ADEM Admin. Code r. 335-3-1-.04
<p>23. <u>Payment of Emission Fees</u></p> <p>(a) The permittee shall remit the annual Operating Permit Fees required by ADEM Admin. Code r. 335-1-7-.04 according to the schedule in ADEM Admin. Code r. 335-1-7-.05.</p> <p>(b) The permittee shall submit its estimate of actual emissions for the previous calendar year according to the schedule in ADEM Admin. Code r. 335-1-7-.05.</p>	ADEM Admin. Code r. 335-1-7-.05 ADEM Admin. Code r. 335-1-7-.05
<p>24. <u>Other Reporting and Testing Requirements</u></p> <p>Submission of other reports regarding monitoring records, fuel analyses, operating rates, and equipment malfunctions may be required as authorized in the Department's air pollution control rules and regulations. The Department may require emission testing at any time.</p>	ADEM Admin. Code r. 335-3-1-.04(1)
<p>25. <u>Title VI Requirements (Refrigerants)</u></p> <p>Any facility having appliances or refrigeration equipment, including air conditioning equipment, which use Class I or Class II ozone-depleting substances as listed in 40 CFR Part 82, Subpart A, Appendices A and B, shall service, repair, and maintain such equipment according to the work practices, personnel certification requirements, and certified recycling and recovery equipment specified in 40 CFR Part 82, Subpart F.</p> <p>No person shall knowingly vent or otherwise release any Class I or Class II substance into the environment during the repair, servicing, maintenance, or disposal of any device except as provided in 40 CFR Part 82, Subpart F.</p> <p>The responsible official shall comply with all reporting and recordkeeping requirements of 40 CFR §82.166. Reports shall be submitted to the US EPA and the Department as required.</p>	ADEM Admin. Code r. 335-3-16-.05(a)
<p>26. <u>Chemical Accidental Prevention Provisions</u></p> <p>If a chemical listed in Table 1 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Table 1, then:</p> <p>(a) The owner or operator shall comply with the provisions in 40 CFR Part 68.</p>	40 CFR Part 68

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<p>(b) The owner or operator shall submit one of the following:</p> <ul style="list-style-type: none">(1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,(2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan.	
<p>27. <u>Display of Permit</u></p> <p>This permit shall be kept under file or on display at all times at the site where the facility for which the permit is issued is located and shall make the permit readily available for inspection by any or all persons who may request to see it.</p>	<p>ADEM Admin. Code r. 335-3-16-.02(2)</p>
<p>28. <u>Circumvention</u></p> <p>No person shall cause or permit the installation or use of any device or any means which, without resulting in the reduction in the total amount of air contaminant emitted, conceals or dilutes any emission of air contaminant which would otherwise violate the Division 3 rules and regulations.</p>	<p>ADEM Admin. Code r. 335-3-1-.10</p>
<p>29. <u>Visible Emissions</u></p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, any source of particulate emissions shall not discharge more than one 6-minute average opacity greater than 20% in any 60-minute period. At no time shall any source discharge a 6-minute average opacity of particulate emissions greater than 40%. Opacity will be determined by 40 CFR Part 60, Appendix A, Method 9, unless otherwise specified in the Unit Specific provisos of this permit.</p>	<p>ADEM Admin. Code r. 335-3-4-.01(1)</p>
<p>30. <u>Fuel-Burning Equipment</u></p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge particulate emissions in excess of the emissions specified in ADEM Admin. Code r. 335-3-4-.03.</p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, no fuel-burning equipment may discharge sulfur dioxide emissions in excess of the emissions specified in ADEM Admin. Code r. 335-3-5-.01.</p>	<p>ADEM Admin. Code r. 335-3-4-.03</p> <p>ADEM Admin. Code r. 335-3-5-.01</p>
<p>31. <u>Process Industries – General</u></p> <p>Unless otherwise specified in the Unit Specific provisos of this permit, no process may discharge particulate emissions in excess of the emissions specified in ADEM Admin. Code r. 335-3-4-.04.</p>	<p>ADEM Admin. Code r. 335-3-4-.04</p>

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<p>32. <u>Averaging Time for Emission Limits</u></p> <p>Unless otherwise specified in the permit, the averaging time for the emission limits listed in this permit shall be the nominal time required by the specific test method.</p>	<p>ADEM Admin. Code r. 335-3-1-.05</p>
<p>33. <u>Open Burning</u></p> <p>Precautions should be taken to ensure that no person shall ignite, cause to ignite, permit to be ignited, or maintain any open fire in such a manner as to cause the Department's rules and regulations applicable to open burning to be violated.</p>	<p>ADEM Admin. Code r. 335-3-3-.01</p>
<p>34. <u>Permit Shield</u></p> <p>A permit shield exists under this operating permit in accordance with ADEM Admin. Code r. 335-3-16-.10 in that compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance. The permit shield is based on the accuracy of the information supplied in the application of this permit. Under this shield, it has been determined that requirements listed as non-applicable in the application are not applicable to this source.</p>	<p>ADEM Admin. Code r. 335-3-16-.10</p>

Emission Unit No. 001 (Tank No. 1)

Summary Page

Description: Internal Floating Roof Storage Tank and Associated Piping

Emission Unit No.	Tank No.	Capacity	Design	Seal Type	Product
001	1	Maximum Fill: 937,570 gallons Shell Capacity: 1,050,000 gallons	Internal Floating Roof	Primary: Mechanical Shoe Secondary: None	General VOC Storage

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission Limit	Regulation
001-01	Tank No. 1 (Rim Seal, Withdrawal, Deck Fitting, and Deck Seam Losses)	VOC	TVP <11.0 psia under actual storage conditions	ADEM Admin. Code r. 335-3-6-.03(2)(b) 40 CFR Part 63, Subpart EEEE
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)
001-02 (Fugitive)	Miscellaneous Valves, Pump Seals, Compressor Seals, Flanges, Open Ended Lines, Sample Connections, and Pressure Relief Valves	VOC	N/A	N/A
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)

<p>*There is a facility-wide HAP emission limit of 9.5 TPY of individual HAPs and 24.5 TPY of total HAPs. This is not a unit specific limit.</p>

Emission Unit No. 001 (Tank No. 1)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>(a) This tank is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."</p> <p>(b) When storing a product with a true vapor pressure greater than or equal to 1.5 psia, this tank is subject to the applicable requirements of ADEM Admin. Code r. 335-3-6-.03, "Loading and Storage of VOC".</p> <p>(c) When storing an organic liquid, as defined in 40 CFR §63.2406, this tank is subject to the applicable requirements of 40 CFR Part 63, Subpart EEEE, National Emission Standards for Hazardous Air Pollutants for Organic Liquids (Non-Gasoline) Distribution and the applicable requirements of 40 CFR Part 63, Subpart A, General Provisions as provided in Table 12 to Subpart EEEE.</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>ADEM Admin. Code r. 335-3-6-.03</p> <p>ADEM Admin. Code r. 335-3-11-.06(82) and 40 CFR Part 63, Subpart EEEE</p>
<p>2. <u>Emission Standards</u></p> <p>(a) The permittee shall not store any product in this tank that has a vapor pressure greater than or equal to 11.0 psia under actual storage conditions.</p> <p>(b) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall demonstrate compliance with Subpart EEEE by complying with the level 2 control requirements of 40 CFR Part 63, Subpart WW.</p> <p>(c) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall comply with the applicable requirements specified in 40 CFR §63.1006 through 40 CFR §63.1016 for each equipment leak component.</p> <p>(d) The permittee shall not exceed the following facility-wide emission limits of HAPs during any consecutive 12-month period: 9.5 tons of individual HAPs and 24.5 tons of total HAPs.</p>	<p>ADEM Admin. Code r. 335-3-6-.03</p> <p>40 CFR Part 63, Subpart EEEE, 40 CFR 63, Subpart WW, ADEM Admin. Code r. 335-3-11-.06(82), and ADEM Admin. Code r. 335-3-11-.06(48)</p> <p>40 CFR Part 63, Subpart EEEE, 40 CFR Part 63, Subpart TT, ADEM Admin. Code r. 335-3-11-.06(82), and ADEM Admin. Code r. 335-3-11-.06(45)</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>3. <u>Compliance and Performance Test Methods and Procedures</u></p> <p>(a) The permittee shall conduct floating roof inspections in accordance with the applicable procedures specified in 40 CFR §63.1063(d) of 40 CFR Part 63, Subpart WW.</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>

Federally Enforceable Provisos	Regulations
<p>(b) The permittee shall comply with the inspection and monitoring of each equipment leak component, as defined in 40 CFR §63.2406, which shall be conducted in accordance with the procedures specified in 40 CFR §63.1004.</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>4. <u>Emission Monitoring</u></p>	
<p>(a) The permittee shall certify semiannually that no product was stored in this tank that exceeded the vapor pressure limit specified in Section 2(a) above.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(b) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall conduct monitoring of the floating roof at the following frequencies specified 40 CFR §63.1063(c):</p> <p>(i) The permittee shall inspect the internal floating roof as specified in 40 CFR §63.1063(d)(2) at least once per year; and</p> <p>(ii) The permittee shall inspect the internal floating roof as specified in 40 CFR §63.1063(d)(1) each time the storage vessel is completely emptied or degassed, or every 10 years, whichever occurs first.</p>	<p>40 CFR Part 63, Subpart WW and ADEM Admin. Code r. 335-3-11-.06(48)</p>
<p>(c) When an inspection of the floating roof deck, deck fittings, or rim seal indicates a repair is needed, the permittee shall complete the repair within the following timeframes specified in 40 CFR §63.1063(e):</p> <p>(i) If the inspection is performed while the storage vessel is not storing liquid, repairs shall be completed before the refilling of the storage vessel with liquid; and</p> <p>(ii) If the inspection is performed while the storage vessel is storing liquid, repairs shall be completed or the vessel removed from service within 45 days. If a repair cannot be completed and the vessel cannot be emptied within 45 days, the owner or operator may use up to 2 extensions of up to 30 additional days each. Documentation of a decision to use an extension shall include a description of the failure, shall document that alternate storage capacity is unavailable, and shall specify a schedule of actions that will ensure that the control equipment will be repaired or the vessel will be completely emptied as soon as practical.</p>	<p>40 CFR Part 63, Subpart WW and ADEM Admin. Code r. 335-3-11-.06(48)</p>
<p>(d) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall conduct monitoring of each equipment leak component in accordance with 40 CFR §63.1006 (valves), 40 CFR §63.1007 (pumps), and 40 CFR §63.1008 (connectors), which includes but may not be limited to the following:</p>	<p>40 CFR Part 63, Subpart TT and ADEM Admin. Code r. 335-3-11-.06(45)</p>

Federally Enforceable Provisos	Regulations
<p>(i) The permittee shall monitor the valves monthly as required by 40 CFR §63.1006(b)(3), unless the conditions of 40 CFR §63.1006(b)(3)(ii) are met, which allows quarterly monitoring. In addition, if the conditions of 40 CFR §63.1006(b)(6)(i) or 40 CFR §63.1006(b)(6)(ii) are met, the permittee may elect to monitor semiannually or annually, respectively. If at any time the permittee detects leaks in greater than 2.0 percent of the valves, the permittee shall resume monitoring in accordance with 40 CFR §63.1006(b)(3). The instrument reading that defines a leak is 10,000 parts per million or greater;</p> <p>(ii) The permittee shall monitor the pumps at least monthly as required by 40 CFR §63.1007(b)(1) and visually inspect the pumps each calendar week as required by 40 CFR §63.1007(3). The instrument reading that defines a leak is 10,000 parts per million or greater; and</p> <p>(iii) The permittee shall monitor connectors within 5 days by the method specified in 40 CFR §63.1004(b) if evidence of a potential leak is found by visual, audible, olfactory, or any other detection method. No monitoring is required if the evidence of a potential leak is eliminated within 5 days. The instrument reading that defines a leak is 10,000 parts per million or greater.</p> <p>(e) When the permittee determines a leak exists in an equipment leak component, the permittee shall:</p> <p>(i) Attach a weatherproof and readily visible identification, marked with the equipment identification, to the leaking equipment as required by 40 CFR §63.1004(e)(1). The leak identification on a valve may be removed after it is monitored as specified in 40 CFR §63.1006(b), and no leak is detected during that monitoring. The leak identification on a connector may be removed after it is monitored as specified in 40 CFR §63.1008(b) and no leak is detected during that monitoring. The leak identification on other equipment, except valves and connectors, may be removed after it is repaired;</p> <p>(ii) Repair each leak detected no later than 15 calendar days after it is detected, except as provided in 40 CFR §63.1005(c) or (d). A first attempt at repair shall be made no later than 5 calendar days after the leak is detected.</p>	<p>40 CFR Part 63, Subpart TT and ADEM Admin. Code r. 335-3-11-.06(45)</p>
<p>5. <u>Recordkeeping and Reporting Requirements</u></p> <p>(a) The permittee shall maintain all required records in a permanent form suitable for inspection for a period of 5 years from the date of generation of each record and shall make the records readily available for inspection upon request. Unless specified otherwise in this permit or an applicable regulation, the permittee shall keep each record on-site for at least 2 years after the date of each generation of each record, but may keep the records off-site for the remaining 3 years.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Federally Enforceable Provisos	Regulations
<p>(b) The permittee shall maintain a record of all products stored, the period of storage, and the vapor pressure of that product under actual storage conditions during the respective storage period.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(c) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall comply with all applicable recordkeeping requirements of 40 CFR Part 63, Subparts EEEE, TT, and WW, which include but may not be limited to the following:</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>(i) As specified in 40 CFR §63.1065, the permittee shall maintain records of the dimensions and capacity of the storage vessel; inspection dates and results; repairs and repair dates; floating roof landings; and documentation of repair extensions allowed under 40 CFR §63.1063(e)(2).</p>	<p>40 CFR §63.1065</p>
<p>(ii) The permittee shall maintain general and specific equipment leak records as specified in 40 CFR §63.1017(b) and (c), which include but may not be limited to the following:</p> <p>A. Equipment identification records as specified in 40 CFR §63.1003(a) through (e);</p> <p>B. A written plan for monitoring equipment leak components designated as unsafe or difficult-to-monitor as specified in 40 CFR §63.1003(c)(5);</p> <p>C. Records of the identity and an explanation for any equipment that is designated as unsafe-to-repair as specified in 40 CFR §63.1003(d)(1);</p> <p>D. Records for leaking equipment as specified in 40 CFR §63.1004(e);</p> <p>E. Records for delay of repair as specified in 40 CFR §63.1005(c) and records for leak repair as specified in 40 CFR §63.1005(e);</p> <p>F. The valve monitoring schedule for each process unit as specified in 40 CFR §63.1006(b); and</p> <p>G. Documentation of pump visual inspections as specified in 40 CFR §63.1007(b)(4) or 40 CFR §63.1007(e)(1)(v), as applicable.</p>	<p>40 CFR §63.1017</p>
<p>(d) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall comply with all applicable notification and reporting requirements of 40 CFR Part 63, Subparts EEEE, TT, and WW, which include but may not be limited to the following:</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>(i) The permittee shall notify the Air Division prior to conducting an inspection required by 40 CFR §63.1063(d)(1). The permittee shall submit the notification in writing at least 30 days prior to the inspection except as otherwise provided in 40 CFR §63.1066(b)(1).</p>	<p>40 CFR §63.1066</p>

Federally Enforceable Provisos	Regulations
<p>(ii) The permittee shall submit a Compliance Report for each respective semiannual period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21. The report shall contain all applicable information specified in 40 CFR Part 63, Subparts EEEE, TT, and WW, which includes but may not be limited to the following:</p> <p>A. The information specified in 40 CFR §63.2386(d), as applicable;</p> <p>B. A copy of each tank inspection record where an inspection failure occurred during the reporting period;</p> <p>C. A copy of the documentation required by 40 CFR §63.1063(e)(2) where the permittee elected to use a repair extension during the reporting period; and</p> <p>D. The information specified in 40 CFR §63.1018(a), as applicable;</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p> <p>40 CFR §63.2386(d)</p> <p>40 CFR §63.1066(b)(1)</p> <p>40 CFR §63.1066(b)(2)</p> <p>40 CFR §63.1018</p>
<p>(e) The permittee shall maintain records of the facility-wide total HAP and individual HAP emissions on a monthly and 12-month rolling total basis to be recorded no later than 15 days from the end of each calendar month for the previous month and shall be made available for inspection at the facility no later than 30 days after the end of each calendar month.</p>	<p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>(f) The permittee shall submit a certification that the 12-month rolling HAP emissions do not exceed the limits specified in Section 2(d) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(g) The permittee shall submit a certification that no product was stored that exceeded the vapor pressure limit specified in Section 2(a) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Emission Unit Nos. 002 and 003 (Tank Nos. 2 and 3)

Summary Page

Description: Fixed Roof Storage Tanks and Associated Piping

Emission Unit No.	Tank No.	Capacity	Design	Seal Type	Product
002	2	Maximum Fill: 1,003,674 gallons Shell Capacity: 1,050,000 gallons	Vertical Fixed Roof	N/A	General VOC Storage
003	3	Maximum Fill: 4,941,321 gallons Shell Capacity: 5,040,000 gallons	Vertical Fixed Roof	N/A	General VOC Storage

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission Limit	Regulation
002-01	Tank No. 2 (Standing and Working Losses)	VOC	TVP <1.5 psia	ADEM Admin. Code r. 335-3-6-.03 (SIP)
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)
002-02 (Fugitive)	Miscellaneous Valves, Pump Seals, Compressor Seals, Flanges, Open Ended Lines, Sample Connections, and Pressure Relief Valves	VOC	N/A	N/A
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)
003-01	Tank No. 3 (Standing and Working Losses)	VOC	TVP <1.5 psia	ADEM Admin. Code r. 335-3-6-.03 (SIP)
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)
003-02 (Fugitive)	Miscellaneous Valves, Pump Seals, Compressor Seals, Flanges, Open Ended Lines, Sample Connections, and Pressure Relief Valves	VOC	N/A	N/A
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)

***There is a facility-wide HAP emission limit of 9.5 TPY of individual HAPs and 24.5 TPY of total HAPs. This is not a unit specific limit.**

Emission Unit Nos. 002 and 003 (Tank Nos. 2 and 3)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>(a) These tanks are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."</p> <p>(b) When storing a product with a TVP greater than 1.0 psia, these tanks are subject to the applicable requirements of ADEM Admin. Code r. 335-3-6-.04, "Fixed-Roof Petroleum Liquid Storage Vessels."</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>ADEM Admin. Code r. 335-3-6-.04</p>
<p>2. <u>Emission Standards</u></p> <p>(a) This permit is valid for the storage of a product with a true vapor pressure of less than 1.5 psia. If a product is stored with a vapor pressure of 1.5 psia or greater, the permittee shall obtain approval from the Air Division prior to its storage.</p> <p>(b) The permittee shall not exceed the following facility-wide emission limits of HAPs during any consecutive 12-month period: 9.5 tons of individual HAPs and 24.5 tons of total HAPs.</p>	<p>ADEM Admin. Code r. 335-3-6-.03</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>3. <u>Compliance and Performance Test Methods and Procedures</u></p> <p>There are no unit specific compliance or performance test methods or procedures applicable to these tanks.</p>	<p>N/A</p>
<p>4. <u>Emission Monitoring</u></p> <p>The permittee shall certify semiannually that no product was stored that exceeded the vapor pressure limit specified in Section 2(a) above.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>5. <u>Recordkeeping and Reporting Requirements</u></p> <p>(a) The permittee shall maintain all required records in a permanent form suitable for inspection for a period of 5 years from the date of generation of each record and shall make the records readily available for inspection upon request. Unless specified otherwise in this permit or an applicable regulation, the permittee shall keep each record on-site for at least 2 years after the date of each generation of each record, but may keep the records off-site for the remaining 3 years.</p> <p>(b) When storing a product with a TVP greater than 1.0 psia, the permittee shall record the average monthly temperature of the product stored. The permittee shall maintain a record of all products stored, the period of storage, and the vapor pressure of that product under actual storage conditions during the respective storage period.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-6-.04</p>

Federally Enforceable Provisos	Regulations
<p>(c) The permittee shall maintain records of the facility-wide total HAP and individual HAP emissions on a monthly and 12-month rolling total basis to be recorded no later than 15 days from the end of each calendar month for the previous month and shall be made available for inspection at the facility no later than 30 days after the end of each calendar month.</p>	<p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>(d) The permittee shall submit a certification that the 12-month rolling HAP emissions do not exceed the limits specified in Section 2(b) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(e) The permittee shall submit a certification that no product was stored that exceeded the vapor pressure limit specified in Section 2(a) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Emission Unit No. 004 (Tank No. 4)

Summary Page

Description: Fixed Roof Storage Tank and Associated Piping

Emission Unit No.	Tank No.	Capacity	Design	Seal Type	Product
004	4	Maximum Fill: 8,148,914 gallons Shell Capacity: 8,610,000 gallons	Vertical Fixed Roof	N/A	General VOC Storage

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission Limit	Regulation
004-01	Tank No. 4 (Standing and Working Losses)	VOC	TVP < 1.5 psia	ADEM Admin. Code r. 335-3-6-.03 (SIP)
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)
004-02 (Fugitive)	Miscellaneous Valves, Pump Seals, Compressor Seals, Flanges, Open Ended Lines, Sample Connections, and Pressure Relief Valves	VOC	N/A	N/A
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)

***There is a facility-wide HAP emission limit of 9.5 TPY of individual HAPs and 24.5 TPY of total HAPs. This is not a unit specific limit.**

Emission Unit No. 004 (Tank No. 4)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>(a) This tank is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."</p> <p>(b) When storing a product with a TVP greater than 1.0 psia, this tank is subject to the applicable requirements of ADEM Admin. Code r. 335-3-6-.04, "Fixed-Roof Petroleum Liquid Storage Vessels."</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>ADEM Admin. Code r. 335-3-6-.04</p>
<p>2. <u>Emission Standards</u></p> <p>(a) This permit is valid for the storage of a product with a true vapor pressure of less than 1.5 psia. If a product is stored with a vapor pressure of 1.5 psia or greater, the permittee shall obtain approval from the Air Division prior to its storage.</p> <p>(b) The permittee shall not exceed the following facility-wide emission limits of HAPs during any consecutive 12-month period: 9.5 tons of individual HAPs and 24.5 tons of total HAPs.</p>	<p>ADEM Admin. Code r. 335-3-6-.03</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>3. <u>Compliance and Performance Test Methods and Procedures</u></p> <p>There are no unit specific compliance or performance test methods or procedures applicable to this tank.</p>	<p>N/A</p>
<p>4. <u>Emission Monitoring</u></p> <p>The permittee shall certify semiannually that no product was stored that exceeded the vapor pressure limit specified in Section 2(a) above.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>5. <u>Recordkeeping and Reporting Requirements</u></p> <p>(a) The permittee shall maintain all required records in a permanent form suitable for inspection for a period of 5 years from the date of generation of each record and shall make the records readily available for inspection upon request. Unless specified otherwise in this permit or an applicable regulation, the permittee shall keep each record on-site for at least 2 years after the date of each generation of each record, but may keep the records off-site for the remaining 3 years.</p> <p>(b) When storing a product with a TVP greater than 1.0 psia, the permittee shall record the average monthly temperature of the product stored. The permittee shall maintain a record of all products stored, the period of storage, and the vapor pressure of that product under actual storage conditions during the respective storage period.</p> <p>(c) The permittee shall maintain records of the facility-wide total HAP and individual HAP emissions on a monthly and 12-month rolling total basis to be recorded no later than 15 days from the</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-6-.04</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p>

Federally Enforceable Provisos	Regulations
<p>end of each calendar month for the previous month and shall be made available for inspection at the facility no later than 30 days after the end of each calendar month.</p> <p>(d) The permittee shall submit a certification that the 12-month rolling HAP emissions do not exceed the limits specified in Section 2(b) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p> <p>(e) The permittee shall submit their certification that no product was stored that exceeded the vapor pressure limit specified in Section 2(a) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

**Emission Unit No. 005 (Tank No. 5)
Summary Page**

Description: Fixed Roof Storage Tank and Associated Piping

Emission Unit No.	Tank No.	Capacity	Design	Seal Type	Product
005	5	Maximum Fill: 199,597 gallons Shell Capacity: 210,000 gallons	Vertical Fixed Roof	N/A	General VOC Storage

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission Limit	Regulation
005-01	Tank No. 5 (Standing and Working Losses)	VOC	TVP <1.5 psia	ADEM Admin. Code r. 335-3-6-.03 (SIP)
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)
005-02 (Fugitive)	Miscellaneous Valves, Pump Seals, Compressor Seals, Flanges, Open Ended Lines, Sample Connections, and Pressure Relief Valves	VOC	N/A	N/A
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)

***There is a facility-wide HAP emission limit of 9.5 TPY of individual HAPs and 24.5 TPY of total HAPs. This is not a unit specific limit.**

Emission Unit No. 005 (Tank No. 5)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>(a) This tank is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."</p> <p>(b) When storing a product with a TVP greater than 1.0 psia, this tank is subject to the applicable requirements of ADEM Admin. Code r. 335-3-6-.04, "Fixed-Roof Petroleum Liquid Storage Vessels."</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>ADEM Admin. Code r. 335-3-6-.04</p>
<p>2. <u>Emission Standards</u></p> <p>(a) This permit is valid for the storage of a product with a true vapor pressure of less than 1.5 psia. If a product is stored with a vapor pressure of 1.5 psia or greater, the permittee shall obtain approval from the Air Division prior to its storage.</p> <p>(b) The permittee shall not exceed the following facility-wide emission limits of HAPs during any consecutive 12-month period: 9.5 tons of individual HAPs and 24.5 tons of total HAPs.</p>	<p>ADEM Admin. Code r. 335-3-6-.03</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>3. <u>Compliance and Performance Test Methods and Procedures</u></p> <p>There are no unit specific compliance or performance test methods or procedures applicable to this tank.</p>	<p>N/A</p>
<p>4. <u>Emission Monitoring</u></p> <p>The permittee shall certify semiannually that no product was stored that exceeded the vapor pressure limit specified in Section 2(a) above.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>5. <u>Recordkeeping and Reporting Requirements</u></p> <p>(a) The permittee shall maintain all required records in a permanent form suitable for inspection for a period of 5 years from the date of generation of each record and shall make the records readily available for inspection upon request. Unless specified otherwise in this permit or an applicable regulation, the permittee shall keep each record on-site for at least 2 years after the date of each generation of each record, but may keep the records off-site for the remaining 3 years.</p> <p>(b) When storing a product with a TVP greater than 1.0 psia, the permittee shall record the average monthly temperature of the product stored. The permittee shall maintain a record of all products stored, the period of storage, and the vapor pressure of that product under actual storage conditions during the respective storage period.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-6-.04</p>

Federally Enforceable Provisos	Regulations
<p>(c) The permittee shall maintain records of the facility-wide total HAP and individual HAP emissions on a monthly and 12-month rolling total basis to be recorded no later than 15 days from the end of each calendar month for the previous month and shall be made available for inspection at the facility no later than 30 days after the end of each calendar month.</p>	<p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>(d) The permittee shall submit a certification that the 12-month rolling HAP emissions do not exceed the limits specified in Section 2(b) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(e) The permittee shall submit their certification that no product was stored that exceeded the vapor pressure limit specified in Section 2(a) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Emission Unit No. 006 (Tank No. 6)

Summary Page

Description: Internal Floating Roof Storage Tank and Associated Piping

Emission Unit No.	Tank No.	Capacity	Design	Seal Type	Product
006	6	Maximum Fill: 9,729,384 gallons Shell Capacity: 10,500,000 gallons	Internal Floating Roof	Primary: Mechanical Shoe Secondary: None	General VOC Storage

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission Limit	Regulation
006-01	Tank No. 6 (Rim Seal, Withdrawal, Deck Fitting, and Deck Seam Losses)	VOC	TVP ≤ 11.1 psia	40 CFR Part 60, Subpart K 40 CFR Part 63, Subpart EEEE
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)
006-02 (Fugitive)	Miscellaneous Valves, Pump Seals, Compressor Seals, Flanges, Open Ended Lines, Sample Connections, and Pressure Relief Valves	VOC	N/A	N/A
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)

***There is a facility-wide HAP emission limit of 9.5 TPY of individual HAPs and 24.5 TPY of total HAPs. This is not a unit specific limit.**

Emission Unit No. 006 (Tank No. 6)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>(a) This tank is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."</p> <p>(b) This tank is subject to the applicable requirements of 40 CFR 60, Subpart K, "Standards of Performance for Petroleum Liquids for Which Construction Commenced After June 11, 1973, and Prior to May 19, 1978."</p> <p>(c) When storing an organic liquid, as defined in 40 CFR §63.2406, this tank is subject to the applicable requirements of 40 CFR Part 63, Subpart EEEE, National Emission Standards for Hazardous Air Pollutants for Organic Liquids (Non-Gasoline) Distribution and the applicable requirements of 40 CFR Part 63, Subpart A, General Provisions as provided in Table 12 to Subpart EEEE.</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>ADEM Admin. Code r. 335-3-10-.02(9)</p> <p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>2. <u>Emission Standards</u></p> <p>(a) The permittee shall not store any product in this tank that has a true vapor pressure greater than 11.1 psia.</p> <p>(b) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall operate and maintain the internal floating roof in accordance with the design and operational requirements specified in 40 CFR §63.1063.</p> <p>(c) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall comply with the applicable requirements specified in 40 CFR §63.1006 through 40 CFR §63.1016 for each equipment leak component.</p> <p>(d) The permittee shall not exceed the following facility-wide emission limits of HAPs during any consecutive 12-month period: 9.5 tons of individual HAPs and 24.5 tons of total HAPs.</p>	<p>ADEM Admin. Code r. 335-3-10-.02(9) and 40 CFR §60.112(a)(2)</p> <p>40 CFR Part 63, Subpart EEEE, 40 CFR 63, Subpart WW, ADEM Admin. Code r. 335-3-11-.06(82), and ADEM Admin. Code r. 335-3-11-.06(48)</p> <p>40 CFR Part 63, Subpart EEEE, 40 CFR Part 63, Subpart TT, ADEM Admin. Code r. 335-3-11-.06(82), and ADEM Admin. Code r. 335-3-11-.06(45)</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>3. <u>Compliance and Performance Test Methods and Procedures</u></p> <p>(a) When required, the floating roof inspections shall be conducted in accordance with the applicable procedures specified in 40 CFR §63.1063(d) of 40 CFR Part 63, Subpart WW.</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>

Federally Enforceable Provisos	Regulations
<p>(b) The permittee shall comply with the inspection and monitoring of each equipment leak component, as defined in 40 CFR §63.2406, which shall be conducted in accordance with the procedures specified in 40 CFR §63.1004.</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>4. <u>Emission Monitoring</u></p>	
<p>(a) The permittee shall certify semiannually that no product was stored in this tank that exceeded the vapor pressure limit specified in Section 2(a) above.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(b) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall conduct monitoring of the floating roof at the following frequencies specified 40 CFR §63.1063(c):</p> <p>(i) The permittee shall inspect the internal floating roof as specified in 40 CFR §63.1063(d)(2) at least once per year; and</p> <p>(ii) The permittee shall inspect the internal floating roof as specified in 40 CFR §63.1063(d)(1) each time the storage vessel is completely emptied or degassed, or every 10 years, whichever occurs first.</p>	<p>40 CFR Part 63, Subpart WW and ADEM Admin. Code r. 335-3-11-.06(48)</p>
<p>(c) When an inspection of the floating roof deck, deck fittings, or rim seal indicates a repair is needed, the permittee shall complete the repair within the following timeframes specified in 40 CFR §63.1063(e):</p> <p>(i) If the inspection is performed while the storage vessel is not storing liquid, repairs shall be completed before the refilling of the storage vessel with liquid; and</p> <p>(ii) If the inspection is performed while the storage vessel is storing liquid, repairs shall be completed or the vessel removed from service within 45 days. If a repair cannot be completed and the vessel cannot be emptied within 45 days, the owner or operator may use up to 2 extensions of up to 30 additional days each. Documentation of a decision to use an extension shall include a description of the failure, shall document that alternate storage capacity is unavailable, and shall specify a schedule of actions that will ensure that the control equipment will be repaired or the vessel will be completely emptied as soon as practical.</p>	<p>40 CFR Part 63, Subpart WW and ADEM Admin. Code r. 335-3-11-.06(48)</p>
<p>(d) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall conduct monitoring of each equipment leak component in accordance with 40 CFR §63.1006 (valves), 40 CFR §63.1007 (pumps), and 40 CFR §63.1008 (connectors), which includes but may not be limited to the following:</p>	<p>40 CFR Part 63, Subpart TT and ADEM Admin. Code r. 335-3-11-.06(45)</p>

Federally Enforceable Provisos	Regulations
<p>(i) The permittee shall monitor the valves monthly as required by 40 CFR §63.1006(b)(3), unless the conditions of 40 CFR §63.1006(b)(3)(ii) are met, which allows quarterly monitoring. In addition, if the conditions of 40 CFR §63.1006(b)(6)(i) or 40 CFR §63.1006(b)(6)(ii) are met, the permittee may elect to monitor semiannually or annually, respectively. If at any time the permittee detects leaks in greater than 2.0 percent of the valves, the permittee shall resume monitoring in accordance with 40 CFR §63.1006(b)(3). The instrument reading that defines a leak is 10,000 parts per million or greater;</p> <p>(ii) The permittee shall monitor the pumps at least monthly as required by 40 CFR §63.1007(b)(1) and visually inspect the pumps each calendar week as required by 40 CFR §63.1007(3). The instrument reading that defines a leak is 10,000 parts per million or greater; and</p> <p>(iii) The permittee shall monitor connectors within 5 days by the method specified in 40 CFR §63.1004(b) if evidence of a potential leak is found by visual, audible, olfactory, or any other detection method. No monitoring is required if the evidence of a potential leak is eliminated within 5 days. The instrument reading that defines a leak is 10,000 parts per million or greater.</p> <p>(e) When the permittee determines a leak exists in an equipment leak component, the permittee shall:</p> <p>(i) Attach a weatherproof and readily visible identification, marked with the equipment identification, to the leaking equipment as required by 40 CFR §63.1004(e)(1). The leak identification on a valve may be removed after it is monitored as specified in 40 CFR §63.1006(b), and no leak is detected during that monitoring. The leak identification on a connector may be removed after it is monitored as specified in 40 CFR §63.1008(b) and no leak is detected during that monitoring. The leak identification on other equipment, except valves and connectors, may be removed after it is repaired;</p> <p>(ii) Repair each leak detected no later than 15 calendar days after it is detected, except as provided in 40 CFR §63.1005(c) or (d). A first attempt at repair shall be made no later than 5 calendar days after the leak is detected.</p>	<p>40 CFR Part 63, Subpart TT and ADEM Admin. Code r. 335-3-11-.06(45)</p>
<p>5. <u>Recordkeeping and Reporting Requirements</u></p> <p>(a) The permittee shall maintain all required records in a permanent form suitable for inspection for a period of 5 years from the date of generation of each record and shall make the records readily available for inspection upon request. Unless specified otherwise in this permit or an applicable regulation, the permittee shall keep each record on-site for at least 2 years after the date of each generation of each record, but may keep the records off-site for the remaining 3 years.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Federally Enforceable Provisos	Regulations
<p>(b) The permittee shall maintain a record of the type of petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period as specified in 40 CFR §60.113.</p>	<p>ADEM Admin. Code r. 335-3-10-.02(9) and ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(c) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall comply with all applicable recordkeeping requirements of 40 CFR Part 63, Subparts EEEE, TT, and WW, which include but may not be limited to the following:</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>(i) As specified in 40 CFR §63.1065, the permittee shall maintain records of the dimensions and capacity of the storage vessel; inspection dates and results; repairs and repair dates; floating roof landings; and documentation of repair extensions allowed under 40 CFR §63.1063(e)(2).</p>	<p>40 CFR §63.1065</p>
<p>(ii) The permittee shall maintain general and specific equipment leak records as specified in 40 CFR §63.1017(b) and (c), which include but may not be limited to the following:</p>	<p>40 CFR §63.1017</p>
<p>A. Equipment identification records as specified in 40 CFR §63.1003(a) through (e);</p>	
<p>B. A written plan for monitoring equipment leak components designated as unsafe or difficult-to-monitor as specified in 40 CFR §63.1003(c)(5);</p>	
<p>C. Records of the identity and an explanation for any equipment that is designated as unsafe-to-repair as specified in 40 CFR §63.1003(d)(1);</p>	
<p>D. Records for leaking equipment as specified in 40 CFR §63.1004(e);</p>	
<p>E. Records for delay of repair as specified in 40 CFR §63.1005(c) and records for leak repair as specified in 40 CFR §63.1005(e);</p>	
<p>F. The valve monitoring schedule for each process unit as specified in 40 CFR §63.1006(b); and</p>	
<p>G. Documentation of pump visual inspections as specified in 40 CFR §63.1007(b)(4) or 40 CFR §63.1007(e)(1)(v), as applicable.</p>	
<p>(d) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall comply with all applicable notification and reporting requirements of 40 CFR Part 63, Subparts EEEE, TT, and WW, which include but may not be limited to the following:</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>(i) The permittee shall notify the Air Division prior to conducting an inspection required by 40 CFR §63.1063(d)(1). The permittee shall submit the notification in writing at least 30 days prior to the inspection except as otherwise provided in 40 CFR §63.1066(b)(1).</p>	<p>40 CFR §63.1066</p>

Federally Enforceable Provisos	Regulations
<p>(ii) The permittee shall submit a Compliance Report for each respective semiannual period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21. The report shall contain all applicable information specified in 40 CFR Part 63, Subparts EEEE, TT, and WW, which includes but may not be limited to the following:</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>A. The information specified in 40 CFR §63.2386(d), as applicable;</p>	<p>40 CFR §63.2386(d)</p>
<p>B. A copy of each tank inspection record where an inspection failure occurred during the reporting period;</p>	<p>40 CFR §63.1066(b)(1)</p>
<p>C. A copy of the documentation required by 40 CFR §63.1063(e)(2) where the permittee elected to use a repair extension during the reporting period; and</p>	<p>40 CFR §63.1066(b)(2)</p>
<p>D. The information specified in 40 CFR §63.1018(a), as applicable;</p>	<p>40 CFR §63.1018</p>
<p>(e) The permittee shall maintain records of the facility-wide total HAP and individual HAP emissions on a monthly and 12-month rolling total basis to be recorded no later than 15 days from the end of each calendar month for the previous month and shall be made available for inspection at the facility no later than 30 days after the end of each calendar month.</p>	<p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>(f) The permittee shall submit a certification that the 12-month rolling HAP emissions do not exceed the limits specified in Section 2(d) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(g) The permittee shall submit a certification that no product was stored that exceeded the vapor pressure limit specified in Section 2(a) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Emission Unit Nos. 008 and 010 (Tank Nos. 8 and 10)

Summary Page

Description: External Floating Roof Storage Tanks and Associated Piping

Emission Unit No.	Tank No.	Capacity	Design	Seal Type	Product
008	8	Maximum Fill: 8,921,346 gallons Shell Capacity: 10,500,000 gallons	External Floating Roof	Primary: Mechanical Shoe Secondary: Rim-mounted	General VOC Storage
010	10	Maximum Fill: 13,895,236 gallons Shell Capacity: 15,666,000 gallons	External Floating Roof	Primary: Mechanical Shoe Secondary: Rim-mounted	General VOC Storage

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission Limit	Regulation
008-01	Tank No. 8 (Rim Seal, Withdrawal, and Roof Fitting Losses)	VOC	TVP ≤11.1 psia	40 CFR Part 60, Subpart Ka 40 CFR Part 63, Subpart EEEE
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)
008-02 (Fugitive)	Miscellaneous Valves, Pump Seals, Compressor Seals, Flanges, Open Ended Lines, Sample Connections, and Pressure Relief Valves	VOC	N/A	N/A
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)
010-01	Tank No. 10 (Rim Seal, Withdrawal, and Roof Fitting Losses)	VOC	TVP ≤11.1 psia	40 CFR Part 60, Subpart Ka 40 CFR Part 63, Subpart EEEE
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)
010-02 (Fugitive)	Miscellaneous Valves, Pump Seals, Compressor Seals, Flanges, Open Ended Lines, Sample Connections, and Pressure Relief Valves	VOC	N/A	N/A
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)

***There is a facility-wide HAP emission limit of 9.5 TPY of individual HAPs and 24.5 TPY of total HAPs. This is not a unit specific limit.**

Emission Unit Nos. 008 and 010 (Tank Nos. 8 and 10)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>(a) These tanks are subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."</p> <p>(b) These tanks are subject to the applicable requirements of 40 CFR 60, Subpart Ka, "Standards of Performance for Petroleum Liquids for Which Construction Commenced After May 18, 1978, and Prior to July 23, 1984."</p> <p>(c) When storing an organic liquid, as defined in 40 CFR §63.2406, these tanks are subject to the applicable requirements of 40 CFR Part 63, Subpart EEEE, National Emission Standards for Hazardous Air Pollutants for Organic Liquids (Non-Gasoline) Distribution and the applicable requirements of 40 CFR Part 63, Subpart A, General Provisions as provided in Table 12 to Subpart EEEE.</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>ADEM Admin. Code r. 335-3-10-.02(9)(a)</p> <p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>2. <u>Emission Standards</u></p> <p>(a) These tanks are subject to the applicable emission standards of 40 CFR §60.112a. The tanks must be equipped with one of the following:</p> <ul style="list-style-type: none"> • An external floating roof • Fix floating roof with an internal floating type cover equipped with a continuous closure device between the tank wall and the cover edge • A vapor recovery system <p>(b) The permittee shall not store any product in these tanks that has a true vapor pressure greater than 11.1 psia.</p> <p>(c) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall operate and maintain the external floating roof in accordance with the design and operational requirements specified in 40 CFR §63.1063.</p> <p>(d) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall comply with the applicable requirements specified in 40 CFR §63.1006 through §63.1016 for each equipment leak component.</p>	<p>ADEM Admin. Code r. 335-3-10-.02(9)(a)</p> <p>ADEM Admin. Code r. 335-3-10-.02(9)(a) and 40 CFR §60.112a(b)</p> <p>40 CFR Part 63, Subpart EEEE, 40 CFR 63, Subpart WW, ADEM Admin. Code r. 335-3-11-.06(82), and ADEM Admin. Code r. 335-3-11-.06(48)</p> <p>40 CFR Part 63, Subpart EEEE, 40 CFR Part 63, Subpart TT, ADEM Admin. Code r. 335-3-11-.06(82), and ADEM Admin. Code r. 335-3-11-.06(45)</p>

Federally Enforceable Provisos	Regulations
<p>(e) The permittee shall not exceed the following facility-wide emission limits of HAPs during any consecutive 12-month period: 9.5 tons of individual HAPs and 24.5 tons of total HAPs.</p>	<p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>3. <u>Compliance and Performance Test Methods and Procedures</u></p>	
<p>(a) These tanks are subject to the applicable testing and procedure requirements of 40 CFR §60.113a, which include determining the gap areas and the maximum gap widths between the primary seal and the tank wall and between the secondary seal and the tank wall of each tank.</p>	<p>ADEM Admin. Code r. 335-3-10-.02(9)(a) and 40 CFR 60, Subpart Ka</p>
<p>(b) When required, the floating roof inspections shall be conducted in accordance with the applicable procedures specified in 40 CFR §63.1063(d).</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>(c) When required, the inspection and monitoring of each equipment leak component, as defined in 40 CFR §63.2406, shall be conducted in accordance with the procedures specified in 40 CFR §63.1004.</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>4. <u>Emission Monitoring</u></p>	
<p>(a) The permittee shall certify semiannually that no product was stored in these tanks that exceeded the vapor pressure limit specified in Section 2 above.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(b) For these tanks, the permittee shall determine the gap areas and maximum gap widths between the primary seal and the tank wall and between the secondary seal and the tank wall according to the following frequency:</p> <p>(i) For primary seals, gap measurements shall be performed within 60 days of the initial fill with petroleum liquid and at least once every five years thereafter. If a tank is out of service for a period of one year or more, subsequent refilling with petroleum liquid shall be considered initial fill.</p> <p>(ii) For secondary seals, gap measurements shall be performed within 60 days of the initial fill with petroleum liquid and at least once every year thereafter. If a tank is out of service for a period of one year or more, subsequent refilling with petroleum liquid shall be considered initial fill.</p>	<p>40 CFR §60.113a(a)(1)</p>
<p>(c) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall conduct monitoring of the floating roof at the following frequencies specified 40 CFR §63.1063(c):</p> <p>(i) The permittee shall inspect the secondary rim seal for each external floating roof as specified in 40 CFR §63.1063(d)(3) at least once every year;</p> <p>(ii) The permittee shall inspect the primary rim seal for each external floating roof as specified in 40 CFR §63.1063(d)(3) at least once every 5 years;</p>	<p>40 CFR Part 63, Subpart WW and ADEM Admin. Code r. 335-3-11-.06(48)</p>

Federally Enforceable Provisos	Regulations
<p>(iii) The permittee shall inspect the external floating roof as specified in 40 CFR §63.1063(d)(1) each time the storage vessel is completely emptied or degassed, or every 10 years, whichever occurs first.</p> <p>(d) When an inspection of the floating roof deck, deck fittings, or rim seal indicates a repair is needed, the permittee shall complete the repair within the following timeframes specified in 40 CFR §63.1063(e):</p> <p>(i) If the inspection is performed while the storage vessel is not storing liquid, repairs shall be completed before the refilling of the storage vessel with liquid; and</p> <p>(ii) If the inspection is performed while the storage vessel is storing liquid, repairs shall be completed or the vessel removed from service within 45 days. If a repair cannot be completed and the vessel cannot be emptied within 45 days, the owner or operator may use up to 2 extensions of up to 30 additional days each. Documentation of a decision to use an extension shall include a description of the failure, shall document that alternate storage capacity is unavailable, and shall specify a schedule of actions that will ensure that the control equipment will be repaired or the vessel will be completely emptied as soon as practical.</p> <p>(e) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall conduct monitoring of each equipment leak component in accordance with 40 CFR §63.1006 (valves), 40 CFR §63.1007 (pumps), and 40 CFR §63.1008 (connectors), which includes but may not be limited to the following:</p> <p>(i) The permittee shall monitor the valves monthly as required by 40 CFR §63.1006(b)(3), unless the conditions of 40 CFR §63.1006(b)(3)(ii) are met, which allows quarterly monitoring. In addition, if the conditions of 40 CFR §63.1006(b)(6)(i) or 40 CFR §63.1006(b)(6)(ii) are met, the permittee may elect to monitor semiannually or annually, respectively. If at any time the permittee detects leaks in greater than 2.0 percent of the valves, the permittee shall resume monitoring in accordance with 40 CFR §63.1006(b)(3). The instrument reading that defines a leak is 10,000 parts per million or greater;</p> <p>(ii) The permittee shall monitor the pumps at least monthly as required by 40 CFR §63.1007(b)(1) and visually inspect the pumps each calendar week as required by 40 CFR §63.1007(3). The instrument reading that defines a leak is 10,000 parts per million or greater; and</p> <p>(iii) The permittee shall monitor connectors within 5 days by the method specified in 40 CFR §63.1004(b) if evidence of a potential leak is found by visual, audible, olfactory, or any other detection method. No monitoring is required if the evidence of a potential leak is eliminated within 5 days. The instrument reading that defines a leak is 10,000 parts per million or greater.</p>	<p>40 CFR Part 63, Subpart WW and ADEM Admin. Code r. 335-3-11-.06(48)</p> <p>40 CFR Part 63, Subpart TT and ADEM Admin. Code r. 335-3-11-.06(45)</p>

Federally Enforceable Provisos	Regulations
<p>(f) When the permittee determines a leak exists in an equipment leak component, the permittee shall:</p> <p>(i) Attach a weatherproof and readily visible identification, marked with the equipment identification, to the leaking equipment as required by 40 CFR §63.1004(e)(1). The leak identification on a valve may be removed after it is monitored as specified in 40 CFR §63.1006(b), and no leak is detected during that monitoring. The leak identification on a connector may be removed after it is monitored as specified in 40 CFR §63.1008(b) and no leak is detected during that monitoring. The leak identification on other equipment, except valves and connectors, may be removed after it is repaired;</p> <p>(ii) Repair each leak detected no later than 15 calendar days after it is detected, except as provided in 40 CFR §63.1005(c) or (d). A first attempt at repair shall be made no later than 5 calendar days after the leak is detected.</p>	<p>40 CFR Part 63, Subpart TT and ADEM Admin. Code r. 335-3-11-.06(45)</p>
<p>5. Recordkeeping and Reporting Requirements</p>	
<p>(a) The permittee shall maintain all required records in a permanent form suitable for inspection for a period of 5 years from the date of generation of each record and shall make the records readily available for inspection upon request. Unless specified otherwise in this permit or an applicable regulation, the permittee shall keep each record on-site for at least 2 years after the date of each generation of each record, but may keep the records off-site for the remaining 3 years.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(b) The permittee shall maintain a record of the type of petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period in accordance with 40 CFR §60.115a(a).</p>	<p>ADEM Admin. Code r. 335-3-10-.02(9)(a) and ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(c) The permittee shall maintain records of each gap measurement that identify the tank on which the measurement was performed, the date of the seal gap measurement, the raw data obtained in the measurement process required by paragraph 40 CFR §60.113a (a)(1)(ii), and the calculation required by 40 CFR §60.113a(a)(1)(iii).</p>	<p>40 CFR §60.113a(a)(1)</p>
<p>(d) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall comply with all applicable recordkeeping requirements of 40 CFR Part 63, Subparts EEEE, TT, and WW, which include but may not be limited to the following:</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>(i) As specified in 40 CFR §63.1065, the permittee shall maintain records of the dimensions and capacity of the storage vessel; inspection dates and results; repairs and repair dates; floating roof landings; and documentation of repair extensions allowed under 40 CFR §63.1063(e)(2).</p>	<p>40 CFR §63.1065</p>
<p>(ii) The permittee shall maintain general and specific equipment leak records as specified in 40 CFR §63.1017(b) and (c), which include but may not be limited to the following:</p>	<p>40 CFR §63.1017</p>

Federally Enforceable Provisos	Regulations
<p>A. Equipment identification records as specified in 40 CFR §63.1003(a) through (e);</p> <p>B. A written plan for monitoring equipment leak components designated as unsafe or difficult-to-monitor as specified in 40 CFR §63.1003(c)(5);</p> <p>C. Records of the identity and an explanation for any equipment that is designated as unsafe-to-repair as specified in 40 CFR §63.1003(d)(1);</p> <p>D. Records for leaking equipment as specified in 40 CFR §63.1004(e);</p> <p>E. Records for delay of repair as specified in 40 CFR §63.1005(c) and records for leak repair as specified in 40 CFR §63.1005(e);</p> <p>F. The valve monitoring schedule for each process unit as specified in 40 CFR §63.1006(b); and</p> <p>G. Documentation of pump visual inspections as specified in 40 CFR §63.1007(b)(4) or 40 CFR §63.1007(e)(1)(v), as applicable</p>	
<p>(e) The permittee shall submit a written notification 30 days prior to conducting a seal gap measurement required by 40 CFR §60.113a.</p>	
<p>(f) If either the seal gap calculated in accordance with paragraph 40 CFR §60.113a(a)(1)(iii) or the measured maximum seal gap exceeds the limitations specified by 40 CFR §60.112a, the permittee shall submit a written report to the Air Division within 60 days of the date of measurement(s). The report shall identify the tank and list each reason why the vessel did not meet the specifications of 40 CFR §60.112a. The report shall also describe the actions necessary to bring the storage vessel into compliance with the specifications of 40 CFR §60.112a.</p>	<p>40 CFR §60.113a(a)(1)</p>
<p>(g) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall comply with all applicable notification and reporting requirements of 40 CFR Part 63, Subparts EEEE, TT, and WW, which include but may not be limited to the following:</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>(i) The permittee shall notify the Air Division prior to conducting an inspection required by 40 CFR §63.1063(d)(1). The permittee shall submit the notification in writing at least 30 days prior to the inspection except as otherwise provided in 40 CFR §63.1066(b)(1).</p>	<p>40 CFR §63.1066</p>

Federally Enforceable Provisos	Regulations
<p>(ii) The permittee shall submit a Compliance Report for each respective semiannual period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21. The report shall contain all applicable information specified in 40 CFR Part 63, Subparts EEEE, TT, and WW, which includes but may not be limited to the following:</p> <p>A. The information specified in 40 CFR §63.2386(d), as applicable;</p> <p>B. A copy of each tank inspection record where an inspection failure occurred during the reporting period;</p> <p>C. A copy of the documentation required by 40 CFR §63.1063(e)(2) where the permittee elected to use a repair extension during the reporting period; and</p> <p>D. The information specified in 40 CFR §63.1018(a), as applicable;</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p> <p>40 CFR §63.2386(d)</p> <p>40 CFR §63.1066(b)(1)</p> <p>40 CFR §63.1066(b)(2)</p> <p>40 CFR §63.1018</p>
<p>(h) The permittee shall maintain records of the facility-wide total HAP and individual HAP emissions on a monthly and 12-month rolling total basis to be recorded no later than 15 days from the end of each calendar month for the previous month and shall be made available for inspection at the facility no later than 30 days after the end of each calendar month.</p>	<p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>(i) The permittee shall submit a certification that the 12-month rolling HAP emissions do not exceed the limits specified in Section 2(e) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(j) The permittee shall submit a certification that no product was stored that exceeded the vapor pressure limit specified in Section 2(b) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Emission Unit No. 009 (Tank No. 9)

Summary Page

Description: Internal Floating Roof Storage Tank and Associated Piping

Emission Unit No.	Tank No.	Capacity	Design	Seal Type	Product
009	9	Maximum Fill: 985,850 gallons Shell Capacity: 1,050,000 gallons	Internal Floating Roof	Primary: Mechanical Shoe Secondary: None	General VOC Storage

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission Limit	Regulation
009-01	Tank No. 9 (Rim Seal, Withdrawal, Deck Fitting, and Deck Seam Losses)	VOC	TVP ≤11.1 psia	40 CFR Part 60, Subpart Ka 40 CFR Part 63, Subpart EEEE
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)
009-02 (Fugitive)	Miscellaneous Valves, Pump Seals, Compressor Seals, Flanges, Open Ended Lines, Sample Connections, and Pressure Relief Valves	VOC	N/A	N/A
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)

***There is a facility-wide HAP emission limit of 9.5 TPY of individual HAPs and 24.5 TPY of total HAPs. This is not a unit specific limit.**

Emission Unit No. 009 (Tank No. 9)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>(a) This tank is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."</p> <p>(b) This tank is subject to the applicable requirements of 40 CFR Part 60, Subpart Ka, "Standards of Performance for Petroleum Liquids for Which Construction Commenced After May 18, 1978, and Prior to July 23, 1984."</p> <p>(c) When storing an organic liquid, as defined in 40 CFR §63.2406, this tank is subject to the applicable requirements of 40 CFR Part 63, Subpart EEEE, National Emission Standards for Hazardous Air Pollutants for Organic Liquids (Non-Gasoline) Distribution and the applicable requirements of 40 CFR Part 63, Subpart A, General Provisions as provided in Table 12 to Subpart EEEE.</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>ADEM Admin. Code r. 335-3-10-.02(9)(a)</p> <p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>2. <u>Emission Standards</u></p> <p>(a) This tank is subject to the applicable emission standards of 40 CFR §60.112a, and must be equipped with one of the following:</p> <ul style="list-style-type: none">• An external floating roof• Fix floating roof with an internal floating type cover equipped with a continuous closure device between the tank wall and the cover edge• A vapor recovery system <p>(b) The permittee shall not store any product in this tank that has a true vapor pressure greater than 11.1 psia.</p> <p>(c) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall operate and maintain the internal floating roof in accordance with the design and operational requirements specified in 40 CFR §63.1063.</p> <p>(d) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall comply with the applicable requirements specified in 40 CFR §63.1006 through 40 CFR §63.1016.</p>	<p>ADEM Admin. Code r. 335-3-10-.02(9)(a)</p> <p>ADEM Admin. Code r. 335-3-10-.02(9)(a) and 40 CFR §60.112a(b)</p> <p>40 CFR Part 63, Subpart EEEE, 40 CFR 63, Subpart WW, ADEM Admin. Code r. 335-3-11-.06(82), and ADEM Admin. Code r. 335-3-11-.06(48)</p> <p>40 CFR Part 63, Subpart EEEE, 40 CFR Part 63, Subpart TT, ADEM Admin. Code r. 335-3-11-.06(82), and ADEM Admin. Code r. 335-3-11-.06(45)</p>

Federally Enforceable Provisos	Regulations
<p>(e) The permittee shall not exceed the following facility-wide emission limits of HAPs during any consecutive 12-month period: 9.5 tons of individual HAPs and 24.5 tons of total HAPs.</p>	<p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>3. <u>Compliance and Performance Test Methods and Procedures</u></p>	
<p>(a) When required, the floating roof inspections shall be conducted in accordance with the applicable procedures specified in 40 CFR §63.1063(d).</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>(b) When required, the inspection and monitoring of each equipment leak component, as defined in 40 CFR §63.2406, shall be conducted in accordance with the procedures specified in 40 CFR §63.1004.</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>4. <u>Emission Monitoring</u></p>	
<p>(a) The permittee shall certify semiannually that no product was stored in this tank that exceeded the vapor pressure limit specified in Section 2(b) above.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(b) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall conduct monitoring of the floating roof at the following frequencies specified 40 CFR §63.1063(c):</p> <p>(i) The permittee shall inspect the internal floating roof as specified in 40 CFR §63.1063(d)(2) at least once per year; and</p> <p>(ii) The permittee shall inspect the internal floating roof as specified in 40 CFR §63.1063(d)(1) each time the storage vessel is completely emptied or degassed, or every 10 years, whichever occurs first.</p>	<p>40 CFR Part 63, Subpart WW and ADEM Admin. Code r. 335-3-11-.06(48)</p>
<p>(c) When an inspection of the floating roof deck, deck fittings, or rim seal indicates a repair is needed, the permittee shall complete the repair within the following timeframes specified in 40 CFR §63.1063(e):</p> <p>(i) If the inspection is performed while the storage vessel is not storing liquid, repairs shall be completed before the refilling of the storage vessel with liquid; and</p> <p>(ii) If the inspection is performed while the storage vessel is storing liquid, repairs shall be completed or the vessel removed from service within 45 days. If a repair cannot be completed and the vessel cannot be emptied within 45 days, the owner or operator may use up to 2 extensions of up to 30 additional days each. Documentation of a decision to use an extension shall include a description of the failure, shall document that alternate storage capacity is unavailable, and shall specify a schedule of actions that will ensure that the control equipment will be repaired or the vessel will be completely emptied as soon as practical.</p>	<p>40 CFR Part 63, Subpart WW and ADEM Admin. Code r. 335-3-11-.06(48)</p>

Federally Enforceable Provisos	Regulations
<p>5. Recordkeeping and Reporting Requirements</p>	
<p>(a) The permittee shall maintain all required records in a permanent form suitable for inspection for a period of 5 years from the date of generation of each record and shall make the records readily available for inspection upon request. Unless specified otherwise in this permit or an applicable regulation, the permittee shall keep each record on-site for at least 2 years after the date of each generation of each record, but may keep the records off-site for the remaining 3 years.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(b) The permittee shall maintain a record of the type of petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period in accordance with 40 CFR §60.115a(a).</p>	<p>ADEM Admin. Code r. 335-3-10-.02(9)(a) and ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(c) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall comply with all applicable recordkeeping requirements of 40 CFR Part 63, Subparts EEEE, TT, and WW, which include but may not be limited to the following:</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>(i) As specified in 40 CFR §63.1065, the permittee shall maintain records of the dimensions and capacity of the storage vessel; inspection dates and results; repairs and repair dates; floating roof landings; and documentation of repair extensions allowed under 40 CFR §63.1063(e)(2).</p>	<p>40 CFR §63.1065</p>
<p>(ii) The permittee shall maintain general and specific equipment leak records as specified in 40 CFR §63.1017(b) and (c), which include but may not be limited to the following:</p> <ul style="list-style-type: none"> A. Equipment identification records as specified in 40 CFR §63.1003(a) through (e); B. A written plan for monitoring equipment leak components designated as unsafe or difficult-to-monitor as specified in 40 CFR §63.1003(c)(5); C. Records of the identity and an explanation for any equipment that is designated as unsafe-to-repair as specified in 40 CFR §63.1003(d)(1); D. Records for leaking equipment as specified in 40 CFR §63.1004(e); E. Records for delay of repair as specified in 40 CFR §63.1005(c) and records for leak repair as specified in 40 CFR §63.1005(e); F. The valve monitoring schedule for each process unit as specified in 40 CFR §63.1006(b); and G. Documentation of pump visual inspections as specified in 40 CFR §63.1007(b)(4) or 40 CFR §63.1007(e)(1)(v), as applicable. 	<p>40 CFR §63.1017</p>

Federally Enforceable Provisos	Regulations
<p>(d) When storing an organic liquid as defined in 40 CFR §63.2406, the permittee shall comply with all applicable notification and reporting requirements of 40 CFR Part 63, Subparts EEEE, TT, and WW, which include but may not be limited to the following:</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>(i) The permittee shall notify the Air Division prior to conducting an inspection required by 40 CFR §63.1063(d)(1). The permittee shall submit the notification in writing at least 30 days prior to the inspection except as otherwise provided in 40 CFR §63.1066(b)(1).</p>	<p>40 CFR §63.1066</p>
<p>(ii) The permittee shall submit a Compliance Report for each respective semiannual period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21. The report shall contain all applicable information specified in 40 CFR Part 63, Subparts EEEE, TT, and WW, which includes but may not be limited to the following:</p>	<p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>A. The information specified in 40 CFR §63.2386(d), as applicable;</p>	<p>40 CFR §63.2386(d)</p>
<p>B. A copy of each tank inspection record where an inspection failure occurred during the reporting period;</p>	<p>40 CFR §63.1066(b)(1)</p>
<p>C. A copy of the documentation required by 40 CFR §63.1063(e)(2) where the permittee elected to use a repair extension during the reporting period; and</p>	<p>40 CFR §63.1066(b)(2)</p>
<p>D. The information specified in 40 CFR §63.1018(a), as applicable;</p>	<p>40 CFR §63.1018</p>
<p>(e) The permittee shall maintain records of the facility-wide total HAP and individual HAP emissions on a monthly and 12-month rolling total basis to be recorded no later than 15 days from the end of each calendar month for the previous month and shall be made available for inspection at the facility no later than 30 days after the end of each calendar month.</p>	<p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>(f) The permittee shall submit a certification that the 12-month rolling HAP emissions do not exceed the limits specified in Section 2(e) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(g) The permittee shall submit a certification that no product was stored that exceeded the vapor pressure limit specified in Section 2(b) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

**Emission Unit No. 011 (25 MMBtu/hr Boiler)
Summary Page**

Description: 25 MMBtu/hr Boiler (Natural Gas-Primary Fuel, No. 2 Diesel-Standby Fuel)

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission Limit	Regulation
011	Boiler Exhaust	PM	$E=1.38(H)^{-0.44}$	ADEM Admin. Code r. 335-3-4-.03 (SIP)
		SO ₂	1.8 lb/MMBtu of heat input	ADEM Admin. Code r. 335-3-5-.01 (SIP)
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)

***There is a facility-wide HAP emission limit of 9.5 TPY of individual HAPs and 24.5 TPY of total HAPs. This is not a unit specific limit.**

Emission Unit No. 011 (25 MMBtu/hr Boiler)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>This unit is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p>
<p>2. <u>Emission Standards</u></p> <p>(a) The permittee shall not cause or allow the emission of particulate matter in any one hour from this unit in excess of the amount determined by the following equation:</p> $E = 1.38 (H)^{-0.44}$ <p>where E = Emissions in pounds per hour H = Heat Input in MMBtu/hr.</p> <p>(b) The permittee shall not cause or allow emissions of sulfur dioxide from this boiler to exceed 1.8 pounds per million BTU of heat input (lb/MMBtu).</p> <p>(c) The permittee shall only burn natural gas or No. 2 fuel oil in this unit. The No. 2 fuel oil may only be used during periods of gas curtailment or gas supply interruption of any duration or for periodic testing of liquid fuel, maintenance, or operator training, not to exceed a combined total of 48 hours during any calendar year.</p> <p>(d) The permittee shall not exceed the following facility-wide emission limits of HAPs during any consecutive 12-month period: 9.5 tons of individual HAPs and 24.5 tons of total HAPs.</p>	<p>ADEM Admin. Code r. 335-3-4-.03(1)</p> <p>ADEM Admin. Code r. 335-3-5-.01(1)(a)</p> <p>ADEM Admin. Code r. 335-3-14-.04</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>3. <u>Compliance and Performance Test Methods and Procedures</u></p> <p>(a) If testing is required, opacity shall be determined by 40 CFR Part 60, Appendix A, Reference Method 9.</p> <p>(b) If testing is required, particulate matter emissions shall be determined by 40 CFR Part 60, Appendix A, Reference Method 5.</p> <p>(c) If testing is required, sulfur dioxide emissions shall be determined by 40 CFR Part 60, Appendix A, Reference Method 6.</p> <p>(d) Compliance with the sulfur content of the No. 2 fuel oil burned in this unit shall be determined in accordance with the appropriate ASTM method, or an alternative method approved by the Department.</p>	<p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-1-.05</p>

Federally Enforceable Provisos	Regulations
<p>(e) Any compliance or performance test required shall be conducted and data reduced in accordance with the test methods and procedures contained in each specific permit condition unless the Director (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, or (3) approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific source is in compliance.</p>	<p>ADEM Admin. Code r. 335-3-1-.05</p>
<p>4. <u>Emission Monitoring</u></p> <p>The permittee shall certify semiannually that only natural gas or fuel oil meeting the requirements of Section 2(c) above was burned in this boiler.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>5. <u>Recordkeeping and Reporting Requirements</u></p> <p>(a) The permittee shall maintain records of the sulfur content of the fuel oil burned in this unit in a permanent form suitable for inspection for a period of 5 years from the date of generation of each record and shall make the records readily available for inspection upon request. Unless specified otherwise in this permit or an applicable regulation, the permittee shall keep each record on-site for at least 2 years after the date of each generation of each record, but may keep the records off-site for the remaining 3 years.</p> <p>(b) The permittee shall maintain records of the facility-wide total HAP and individual HAP emissions on a monthly and 12-month rolling total basis to be recorded no later than 15 days from the end of each calendar month for the previous month and shall be made available for inspection at the facility no later than 30 days after the end of each calendar month.</p> <p>(c) The permittee shall submit a certification that the 12-month rolling HAP emissions do not exceed the limits specified in Section 2(d) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p> <p>(d) The permittee shall submit a certification that only natural gas or fuel oil meeting the requirements of Section 2(c) above was burned in this boiler for each reporting period as part of the semiannual monitoring report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Emission Unit No. 012 (6.895 MMBtu/hr Oil Heater)

Summary Page

Description: 6.895 MMBtu/hr Oil Heater (Natural Gas-Primary Fuel, No. 2 Diesel-Standby Fuel)

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission Limit	Regulation
012	Oil Heater Exhaust	PM	$E=1.38(H)^{-0.44}$	ADEM Admin. Code r. 335-3-4-.03 (SIP)
		SO ₂	1.8 lb/MMBtu of heat input	ADEM Admin. Code r. 335-3-5-.01 (SIP)
			Maximum sulfur content of fuel oil: S ≤ 0.79% by weight	ADEM Admin. Code r. 335-3-14-.04
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)

***There is a facility-wide HAP emission limit of 9.5 TPY of individual HAPs and 24.5 TPY of total HAPs. This is not a unit specific limit.**

Emission Unit No. 012 (6.895 MMBtu/hr Oil Heater)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>(a) This unit is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."</p> <p>(b) This unit is subject to a synthetic minor source emission limit to restrict its potential to emit below the applicability threshold established at ADEM Admin. Code r. 335-3-14-.04, Air Permits Authorizing Construction in Clean Areas [Prevention of Significant Deterioration (PSD)].</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>ADEM Admin. Code r. 335-3-14-.04</p>
<p>2. <u>Emission Standards</u></p> <p>(a) The permittee shall not cause or allow the emission of particulate matter in any one hour from this unit in excess of the amount determined by the following equation:</p> <p>$E = 1.38 (H)^{-0.44}$</p> <p>where E = Emissions in pounds per hour H = Heat Input in MMBtu/hr.</p> <p>(b) The permittee shall not cause or allow emissions of sulfur dioxide from this unit to exceed 1.8 pounds per million BTU heat input (lb/MMBtu).</p> <p>(c) The permittee shall only burn natural gas or fuel oil in this unit.</p> <p>(d) The permittee shall not burn fuel oil with sulfur content in excess of 0.79% sulfur by weight in this unit.</p> <p>(e) The permittee shall not exceed the following facility-wide emission limits of HAPs during any consecutive 12-month period: 9.5 tons of individual HAPs and 24.5 tons of total HAPs.</p>	<p>ADEM Admin. Code r. 335-3-4-.03(1)</p> <p>ADEM Admin. Code r. 335-3-5-.01(1)(a)</p> <p>ADEM Admin. Code r. 335-3-14-.04</p> <p>ADEM Admin. Code r. 335-3-14-.04</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>3. <u>Compliance and Performance Test Methods and Procedures</u></p> <p>(a) If required, compliance with the sulfur limit for the fuel oil shall be determined by procedures referenced in ASTM D129-95.</p> <p>(b) If required, the fuel oil sample to be tested for sulfur content shall be collected in accordance with ASTM D4177-82 of ASTM D4057-81.</p>	<p>ADEM Admin. Code r. 335-3-1-.05</p> <p>ADEM Admin. Code r. 335-3-1-.05</p>

Federally Enforceable Provisos	Regulations
<p>4. <u>Emission Monitoring</u></p> <p>The permittee shall certify semiannually that only natural gas or fuel oil meeting the requirements of Section 2(d) above was burned in this boiler.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>5. <u>Recordkeeping and Reporting Requirements</u></p> <p>(a) The permittee shall maintain records of the sulfur content of the fuel oil burned in this unit in a permanent form suitable for inspection for a period of 5 years from the date of generation of each record and shall make the records readily available for inspection upon request. Unless specified otherwise in this permit or an applicable regulation, the permittee shall keep each record on-site for at least 2 years after the date of each generation of each record, but may keep the records off-site for the remaining 3 years.</p> <p>(b) The permittee shall maintain records of the facility-wide total HAP and individual HAP emissions on a monthly and 12-month rolling total basis to be recorded no later than 15 days from the end of each calendar month for the previous month and shall be made available for inspection at the facility no later than 30 days after the end of each calendar month.</p> <p>(c) The permittee shall submit a certification that the 12-month rolling HAP emissions do not exceed the limits specified in Section 2(e) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p> <p>(d) The permittee shall submit a certification that only natural gas or fuel oil meeting the requirements of Section 2(d) above was burned in this boiler for each reporting period as part of the semiannual monitoring report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Emission Unit No. 013 (10.5 MMBtu/hr Oil Heater)

Summary Page

Description: 10.5 MMBtu/hr Oil Heater (Natural Gas-Primary Fuel, No. 2 Diesel-Standby Fuel)

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission Limit	Regulation
013	Oil Heater Exhaust	PM	$E=1.38(H)^{-0.44}$	ADEM Admin. Code r. 335-3-4-.03 (SIP)
		SO ₂	1.8 lb/MMBtu of heat input	ADEM Admin. Code r. 335-3-5-.01 (SIP)
			Usage Limitation: 675,910 gallons of fuel oil during any consecutive 12-month period	ADEM Admin. Code r. 335-3-14-.04
			Maximum sulfur content of Fuel oil: $S \leq 0.79\%$ by weight	ADEM Admin. Code r. 335-3-14-.04
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)

***There is a facility-wide HAP emission limit of 9.5 TPY of individual HAPs and 24.5 TPY of total HAPs. This is not a unit specific limit.**

Emission Unit No. 013 (10.5 MMBtu/hr Oil Heater)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. <u>Applicability</u>	
(a) This unit is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."	ADEM Admin. Code r. 335-3-16-.03
(b) This unit is subject to a synthetic minor source emission limit to restrict its potential to emit below the applicability threshold established at ADEM Admin. Code r. 335-3-14-.04, Air Permits Authorizing Construction in Clean Areas [Prevention of Significant Deterioration (PSD)].	ADEM Admin. Code r. 335-3-14-.04
2. <u>Emission Standards</u>	
(a) The permittee shall not cause or allow the emission of particulate matter in any one hour from this unit in excess of the amount determined by the following equation: $E = 1.38 (H)^{-0.44}$ <p>where E = Emissions in pounds per hour H = Heat Input in MMBtu/hr.</p>	ADEM Admin. Code r. 335-3-4-.03(1)
(b) The permittee shall not cause or allow emissions of sulfur dioxide from this unit to exceed 1.8 pounds per million BTU heat input (lb/MMBtu).	ADEM Admin. Code r. 335-3-5-.01(1)(a)
(c) The permittee shall only burn natural gas or fuel oil in this unit.	ADEM Admin. Code r. 335-3-14-.04
(d) The permittee shall not burn fuel oil with a sulfur content in excess of 0.79% sulfur by weight in this unit.	ADEM Admin. Code r. 335-3-14-.04
(e) The permittee shall not burn more than 675,910 gallons of fuel oil in this device during any consecutive 12-month period.	ADEM Admin. Code r. 335-3-14-.04
(f) The permittee shall not exceed the following facility-wide emission limits of HAPs during any consecutive 12-month period: 9.5 tons of individual HAPs and 24.5 tons of total HAPs.	ADEM Admin. Code r. 335-3-16-.01(q)
3. <u>Compliance and Performance Test Methods and Procedures</u>	
(a) If required, compliance with the sulfur limit for the fuel oil shall be determined by procedures referenced in ASTM D129-95.	ADEM Admin. Code r. 335-3-1-.05
(b) If required, the fuel oil sample to be tested for sulfur content shall be collected in accordance with ASTM D4177-82 of ASTM D4057-81.	ADEM Admin. Code r. 335-3-1-.05

Federally Enforceable Provisos	Regulations
<p>4. <u>Emission Monitoring</u></p> <p>(a) Within 15 days of the end of each calendar month, the previous month's monthly and 12-month rolling total fuel oil usage shall be calculated to determine compliance with the fuel oil throughput limitation.</p> <p>(b) The permittee shall certify semiannually that only natural gas or fuel oil meeting the requirements of Section 2(d) above was burned in this boiler.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>5. <u>Recordkeeping and Reporting Requirements</u></p> <p>(a) The permittee shall maintain records of the sulfur content of the fuel oil burned in this unit in a permanent form suitable for inspection for a period of 5 years from the date of generation of each record and shall make the records readily available for inspection upon request. Unless specified otherwise in this permit or an applicable regulation, the permittee shall keep each record on-site for at least 2 years after the date of each generation of each record, but may keep the records off-site for the remaining 3 years.</p> <p>(b) The permittee shall maintain records of fuel oil burned in this device on a monthly and 12-month rolling total basis. These records shall be maintained in a permanent form suitable for inspection for a period of five (5) years from the date of generation of each record and shall be made available for inspection upon request.</p> <p>(c) The permittee shall maintain records of the facility-wide total HAP and individual HAP emissions on a monthly and 12-month rolling total basis to be recorded no later than 15 days from the end of each calendar month for the previous month and shall be made available for inspection at the facility no later than 30 days after the end of each calendar month.</p> <p>(d) The permittee shall submit a certification that the 12-month rolling HAP emissions do not exceed the limits specified in Section 2(f) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p> <p>(e) The permittee shall submit a certification that only natural gas or fuel oil meeting the requirements of Section 2(d) above was burned in this boiler for each reporting period as part of the semiannual monitoring report required by General Permit Proviso No. 21. The permittee shall also submit the fuel oil usage calculations performed during the reporting period.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

**Emission Unit No. 014 (Volatile Organic Materials Truck Loading Operations)
Summary Page**

Description: Volatile Organic Materials (VOM) Truck Loading Operations

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission Limit	Regulation
014-01	VOM Truck Loading Spout Tank 1/2	VOC	Achieve 95% submerged fill	ADEM Admin. Code r. 335-3-6-.03 40 CFR Part 63, Subpart EEEE
014-02	VOM Truck Loading Spout Tank 3/5			
014-03	VOM Truck Loading Hose Tank 1			
014-04	VOM Truck Loading Hose Tank 2		All pumps shall have mechanical seals	ADEM Admin. Code r. 335-3-6-.09
014-05	VOM Truck Loading Hose Tank 3/5			
014-06	VOM Truck Loading Hose Tank 6			
014-07	VOM Truck Loading Hose Tank 8/10			
014-01	VOM Truck Loading Spout Tank 1/2	HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)
014-02	VOM Truck Loading Spout Tank 3/5			
014-03	VOM Truck Loading Hose Tank 1			
014-04	VOM Truck Loading Hose Tank 2			
014-05	VOM Truck Loading Hose Tank 3/5			
014-06	VOM Truck Loading Hose Tank 6			
014-07	VOM Truck Loading Hose Tank 8/10			

***There is a facility-wide HAP emission limit of 9.5 TPY of individual HAPs and 24.5 TPY of total HAPs. This is not a unit specific limit.**

Emission Unit No. 014 (Volatile Organic Materials Truck Loading Operations)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>(a) This truck loading operation is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, “Major Source Operating Permits.”</p> <p>(b) This truck loading operation is subject to the applicable requirements of ADEM Admin. Code r. 335-3-6-.03 “Loading and Storage of VOC” and ADEM Admin. Code r. 335-3-6-.09, “Pumps and Compressors.”</p> <p>(c) When loading an organic liquid, as defined in 40 CFR §63.2406, this truck loading operation is subject to the applicable requirements of 40 CFR Part 63, Subpart EEEE, the National Emission Standards for Hazardous Air Pollutants for Organic Liquids (Non-Gasoline) Distribution, and the applicable requirements of 40 CFR Part 63, Subpart A, General Provisions as provided in Table 12 to Subpart EEEE.</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>ADEM Admin. Code r. 335-3-6-.03 and ADEM Admin. Code r. 335-3-6-.09</p> <p>40 CFR Part 63, Subpart EEEE and ADEM Admin. Code r. 335-3-11-.06(82)</p>
<p>2. <u>Emission Standards</u></p> <p>(a) All products having a true vapor pressure greater than or equal to 1.5 psia shall be loaded using 95% submerged fill loading lines or equivalent method.</p> <p>(b) All pumps employed in the handling of volatile organic compounds must have mechanical seals or other equipment of equal efficiency.</p> <p>(c) The permittee shall not exceed the following facility-wide emission limits of HAPs during any consecutive 12-month period: 9.5 tons of individual HAPs and 24.5 tons of total HAPs.</p>	<p>ADEM Admin. Code r. 335-3-6-.03</p> <p>ADEM Admin. Code r. 335-3-6-.09</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>3. <u>Compliance and Performance Test Methods and Procedures</u></p> <p>There are no unit specific compliance or performance test methods or procedures applicable to the truck loading rack.</p>	<p>N/A</p>
<p>4. <u>Emission Monitoring</u></p> <p>The permittee shall certify on a semiannual basis that all products were loaded in accordance with Section 2(a) above.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Federally Enforceable Provisos	Regulations
<p>5. <u>Recordkeeping and Reporting Requirements</u></p> <p>(a) The permittee shall maintain records of the facility-wide total HAP and individual HAP emissions on a monthly and 12-month rolling total basis to be recorded no later than 15 days from the end of each calendar month for the previous month and shall be made available for inspection at the facility no later than 30 days after the end of each calendar month.</p> <p>(b) The permittee shall submit a certification that the 12-month rolling HAP emissions do not exceed the limits specified in Section 2(c) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p> <p>(c) The permittee shall submit a certification that all products were loaded in accordance with Section 2(a) above and all pumps employed in the handling of volatile organic compounds have mechanical seals in accordance with Section 2(b) above for each reporting period as part of the semiannual monitoring report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.01(q)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Emission Unit No. 015 (Volatile Organic Materials Marine Loading Operations)
Summary Page

Description: Volatile Organic Materials (VOM) Marine Loading Operations

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission limit	Regulation			
015-01	VOM Marine Loading Line S8	VOC	All pumps shall have mechanical seals	ADEM Admin. Code r. 335-3-6-.09			
015-02	VOM Marine Loading Line SW1						
015-03	VOM Marine Loading Line SW2						
015-04	VOM Marine Loading Line SW3						
015-05	VOM Marine Loading Line N1A						
015-06	VOM Marine Loading Line N1B						
015-07	VOM Marine Loading Line N1C						
015-08	VOM Marine Loading Line N1D						
015-09	VOM Marine Loading Line N2						
015-10	VOM Marine Loading Line N3						
015-11	VOM Marine Loading Line N4				HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)
015-12	VOM Marine Loading Line N5						
015-13	VOM Marine Loading Line N6						
015-14	VOM Marine Loading Line N8						
015-15	VOM Marine Loading Line S1A						
015-16	VOM Marine Loading Line S1B						
015-17	VOM Marine Loading Line S1C						
015-18	VOM Marine Loading Line S1D						
015-19	VOM Marine Loading Line S6						

***There is a facility-wide HAP emission limit of 9.5 TPY of individual HAPs and 24.5 TPY of total HAPs. This is not a unit specific limit.**

Emission Unit No. 015 (Volatile Organic Materials Marine Loading Operations)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>(a) This marine loading operation is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."</p> <p>(b) This marine loading operation is subject to the applicable requirements of ADEM Admin. Code r. 335-3-6-.09, "Pumps and Compressors."</p> <p>(c) This marine loading operation is subject to the applicable requirements of 40 CFR Part 63, Subpart Y, National Emission Standards for Marine Tank Vessel Loading Operations.</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>ADEM Admin. Code r. 335-3-6-.09</p> <p>ADEM Admin. Code r. 335-3-11-.06(24) and 40 CFR §63.560(a)(2) and (3)</p>
<p>2. <u>Emission Standards</u></p> <p>(a) All pumps employed in the handling of volatile organic compounds must have mechanical seals or other equipment of equal efficiency.</p> <p>(b) The permittee shall not exceed the following facility-wide emission limits of HAPs during any consecutive 12-month period: 9.5 tons of individual HAPs and 24.5 tons of total HAPs.</p>	<p>ADEM Admin. Code r. 335-3-6-.09</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>3. <u>Compliance and Performance Test Methods and Procedures</u></p> <p>Annual HAP emissions from the marine loading operations, excluding emissions from commodities exempted by 40 CFR §63.560(d), shall be calculated in accordance with emission estimation procedures in 40 CFR §63.565(l).</p>	<p>ADEM Admin. Code r. 335-3-11-.06(24) and 40 CFR §63.565(l)</p>
<p>4. <u>Emission Monitoring</u></p> <p>Within 90 days of the end of each calendar year, the permittee shall calculate the annual HAP emissions from the marine loading operations for the previous year, excluding emissions from commodities exempted by 40 CFR §63.560(d).</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>5. <u>Recordkeeping and Reporting Requirements</u></p> <p>(a) The permittee shall maintain all required records in a permanent form suitable for inspection for a period of 5 years from the date of generation of each record and shall make the records readily available for inspection upon request. Unless specified otherwise in this permit or an applicable regulation, the permittee shall keep each record on-site for at least 2 years after the date of each generation of each record, but may keep the records off-site for the remaining 3 years.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Federally Enforceable Provisos	Regulations
<p>(b) The permittee shall maintain records of the emission estimates determined in accordance with 40 CFR §63.565(l) and records of their actual throughputs by commodity.</p>	<p>ADEM Admin. Code r. 335-3-11-.06(24), 40 CFR §63.567(j)(4), and ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(c) The permittee shall notify the Air Division in writing within 30 days of determining that the actual HAP emissions from the marine loading operation, excluding emissions from commodities exempted by 40 CFR §63.560(d), have exceeded the 9.5/24.5 TPY threshold.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(d) The permittee shall notify the Air Division in writing within 30 days of determining that the throughput of gasoline has exceeded the 10 million barrel threshold or the throughput of crude oil has exceeded the 200 million barrel threshold.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(e) The permittee shall maintain records of the facility-wide total HAP and individual HAP emissions on a monthly and 12-month rolling total basis to be recorded no later than 15 days from the end of each calendar month for the previous month and shall be made available for inspection at the facility no later than 30 days after the end of each calendar month.</p>	<p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>(f) The permittee shall submit a certification that the 12-month rolling HAP emissions do not exceed the limits specified in Section 2(b) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(g) The permittee shall submit a certification that all products were loaded in accordance with Section 2(a) above and all pumps employed in the handling of volatile organic compounds have mechanical seals in accordance with Section 2(a) above for each reporting period as part of the semiannual monitoring report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Emission Unit No. 017 (454 Hp Emergency Generator Engine)

Summary Page

Description: 454 hp Generac (SG300) natural gas-fired, 4-stroke rich-burn reciprocating internal combustion engine that powers an emergency generator

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission Limit	Regulation
017	454 hp Generac (SG300) natural gas-fired, 4-stroke rich-burn reciprocating engine	HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)

***There is a facility-wide HAP emission limit of 9.5 TPY of individual HAPs and 24.5 TPY of total HAPs. This is not a unit specific limit.**

Emission Unit No. 017 (454 hp Emergency Generator Engine)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>(a) This unit is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, “Major Source Operating Permits.”</p> <p>(b) This unit is an affected source under 40 CFR Part 63, Subpart ZZZZ, the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE).</p> <p>2. <u>Emission Standards</u></p> <p>(a) The permittee shall not operate this unit except as provided in 40 CFR §63.6640(f)(1) through (f)(4), which include but may not be limited to:</p> <p>(i) Emergency Situations;</p> <p>(ii) Operate the emergency stationary RICE for the purpose of maintenance checks and readiness testing, provided that the test are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engines. Maintenance checks and readiness testing of the units are limited to 100 hours per year; and</p> <p>(iii) Operate the emergency stationary RICE up to 50 hours per year in non-emergency situations, but those 50 hours are counted toward 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 to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.</p> <p>(b) The permittee shall not exceed the following facility-wide emission limits of HAPs during any consecutive 12-month period: 9.5 tons of individual HAPs and 24.5 tons of total HAPs.</p> <p>3. <u>Compliance and Performance Test Methods and Procedures</u></p> <p>There are no performance test methods or procedures associated with this engine.</p> <p>4. <u>Emission Monitoring</u></p> <p>There is no emission monitoring associated with this engine.</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>40 CFR Part 63, Subpart ZZZZ</p> <p>40 CFR §63.6640</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p>

Federally Enforceable Provisos	Regulations
<p>5. <u>Recordkeeping and Reporting Requirements</u></p> <p>(a) The permittee shall maintain all required records in a permanent form suitable for inspection for a period of 5 years from the date of generation of each record and shall make the records readily available for inspection upon request. Unless specified otherwise in this permit or an applicable regulation, the permittee shall keep each record on-site for at least 2 years after the date of each generation of each record, but may keep the records off-site for the remaining 3 years.</p> <p>(b) The permittee shall keep records of the hours of operation of this engine. At a minimum, these records shall include:</p> <p>(i) For each period of operation, the length of operation and the reason the engine was in operation during that time. For periods of operation designated as “emergency operation,” the records shall reflect what classified the operation as emergency;</p> <p>(ii) The total number of hours each engine was operated during a calendar year subtotaled by the reason the engine was in operation.</p> <p>(c) The permittee shall maintain records of the facility-wide total HAP and individual HAP emissions on a monthly and 12-month rolling total basis to be recorded no later than 15 days from the end of each calendar month for the previous month and shall be made available for inspection at the facility no later than 30 days after the end of each calendar month.</p> <p>(d) The permittee shall submit a certification that the 12-month rolling HAP emissions do not exceed the limits specified in Section 2(b) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p> <p>(e) The permittee shall submit a certification that this engine is in accordance with Section 2(a) above for each reporting period as part of the semiannual monitoring report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Emission Unit No. 018 (80 hp Air Compressor Engine)

Summary Page

Description: 80 hp John Deere 4045DF150 compression ignition diesel-fired reciprocating internal combustion engine that powers an air compressor

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission Limit	Regulation
018	80 hp John Deere 4045DF150 compression ignition diesel-fired reciprocating internal combustion engine	PM	N/A	40 CFR Part 63, Subpart <i>ZZZZ</i>
		SO ₂	N/A	
		CO	N/A	
		VOC	N/A	
		NO _x	N/A	
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)

***There is a facility-wide HAP emission limit of 9.5 TPY of individual HAPs and 24.5 TPY of total HAPs. This is not a unit specific limit.**

Emission Unit No. 018 (80 hp Air Compressor Engine)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
<p>1. <u>Applicability</u></p> <p>(a) This engine is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, “Major Source Operating Permits.”</p> <p>(b) This engine is subject to the applicable requirements of the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, 40 CFR Part 63, Subpart ZZZZ, and the applicable requirements of 40 CFR 63, Subpart A, General Provisions as provided in Table 8 to Subpart ZZZZ.</p>	<p>ADEM Admin. Code r. 335-3-16-.03</p> <p>40 CFR 63, Subpart ZZZZ</p>
<p>2. <u>Emission Standards</u></p> <p>The permittee shall comply with the applicable requirements of 40 CFR §63.6603 and Table 2d to Subpart ZZZZ, which include, but may not be limited to:</p> <p>(a) Meet the following work practice requirements, except during periods of startup:</p> <p>(i) Change oil and filter every 1,000 hours of operation or annually, whichever comes first;</p> <p>(ii) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and</p> <p>(iii) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.</p> <p>(b) During periods of startup, minimize the engine’s time spent at idle and minimize the engine’s startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply.</p> <p>(c) The permittee shall not exceed the following facility-wide emission limits of HAPs during any consecutive 12-month period: 9.5 tons of individual HAPs and 24.5 tons of total HAPs.</p>	<p>40 CFR §63.6603 and ADEM Admin. Code r. 335-3-11-.06(103)</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>3. <u>Compliance and Performance Test Methods and Procedures</u></p> <p>There are no performance test methods or procedures associated with this engine.</p>	

Federally Enforceable Provisos	Regulations
<p>4. <u>Emission Monitoring</u></p> <p>The permittee shall operate and maintain this engine according to the manufacturer's emission-related written instructions or develop a maintenance plan that provides for, to the extent practicable, the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.</p>	<p>40 CFR §63.6605(b), 40 CFR §63.6625(e), 40 CFR §63.6640, and ADEM Admin Code r. 335-3-11-.06(103)</p>
<p>5. <u>Recordkeeping and Reporting Requirements</u></p> <p>(a) The permittee shall maintain files of all information (including all reports and notifications) required by 40 CFR Part 63, Subparts A and ZZZZ for these units recorded in a form suitable and readily available for expeditious inspection and review. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent 2 years of data shall be retained on-site.</p> <p>(b) The permittee shall maintain on-site for the life of this engine either a copy of the manufacturer's emission-related operation and maintenance instructions for this engine or the maintenance plan developed in accordance with 40 CFR §63.6625(e).</p> <p>(c) The permittee shall keep records of the operation and maintenance of this engine in accordance with 40 CFR §63.6655. At a minimum, these records shall include:</p> <p>(i) The dates of each oil and filter change with the corresponding hour on the hour meter;</p> <p>(ii) The dates of each inspection and replacement of air cleaners, hoses, and belts with the corresponding hour on the hour meter; and</p> <p>(iii) The dates and nature of other emission-related repairs and maintenance performed.</p> <p>(d) The permittee shall maintain records of the facility-wide total HAP and individual HAP emissions on a monthly and 12-month rolling total basis to be recorded no later than 15 days from the end of each calendar month for the previous month and shall be made available for inspection at the facility no later than 30 days after the end of each calendar month.</p> <p>(e) The permittee shall submit a certification that the 12-month rolling HAP emissions do not exceed the limits specified in Section 2(c) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c), 40 CFR §63.6660, and 40 CFR §63.10(b)(1)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c) and 40 CFR §63.6655</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p> <p>ADEM Admin. Code r. 335-3-16-.05(c)</p>

Federally Enforceable Provisos	Regulations
(f) The permittee shall submit a certification that this engine is in accordance with Section 2(a) above for each reporting period as part of the semiannual monitoring report required by General Permit Proviso No. 21.	ADEM Admin. Code r. 335-3-16-.05(c)

Emission Unit No. 020 (282 hp Fire Water Pump Engine)

Summary Page

Description: 282 hp John Deere Co./Clarke compression ignition diesel-fired reciprocating internal combustion engine which powers an emergency fire water pump

Permitted Operating Schedule: $\frac{24 \text{ Hours}}{\text{Day}} \times \frac{7 \text{ Days}}{\text{Week}} \times \frac{52 \text{ Weeks}}{\text{Year}} = \frac{8760 \text{ Hours}}{\text{Year}}$

Emission Limitations:

Emission Point No.	Description	Pollutant	Emission Limit	Regulation
020	282 hp John Deere Co./Clarke compression ignition diesel-fired reciprocating internal combustion engine	NMHC + NO _x	3.0g/hp-hr	40 CFR Part 60, Subpart IIII
		CO	2.6g/hp-hr	
		PM	0.15g/hp-hr	
		HAP	*	ADEM Admin. Code r. 335-3-16-.01(q)

***There is a facility-wide HAP emission limit of 9.5 TPY of individual HAPs and 24.5 TPY of total HAPs. This is not a unit specific limit.**

Emission Unit No. 020 (282 hp Fire Water Pump Engine)

Unit Specific Provisos

Federally Enforceable Provisos	Regulations
1. <u>Applicability</u>	
(a) This unit is subject to the applicable requirements of ADEM Admin. Code r. 335-3-16-.03, "Major Source Operating Permits."	ADEM Admin. Code r. 335-3-16-.03
(b) This engine is an affected source under 40 CFR Part 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.	40 CFR 63, Subpart ZZZZ
(c) This unit is subject to the applicable provisions of 40 CFR Part 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, and 40 CFR Part 60, Subpart A as specified in Table 3 to Subpart IIII.	ADEM Admin Code r. 335-3-10-.02(87) and 40 CFR Part 60, Subpart IIII
2. <u>Emission Standards</u>	
(a) The permittee shall comply with the following emission standards of 40 CFR §60.4205(c) and Table 4 of Subpart IIII for all pollutants:	40 CFR §60.4205(c) and Table 4 to Subpart IIII and ADEM Admin. Code r. 335-3-10-.02(87)
(i) The permittee shall not cause or allow the sum of emissions of non-methane hydrocarbons (NMHC) and nitrogen oxides (NO _x) from this unit to exceed 4.0 g/kW-hr (3.0 g/hp-hr).	
(ii) The permittee shall not cause or allow the emissions of carbon monoxides (CO) from this unit to exceed 3.5 g/kW-hr (2.6 g/hp-hr).	
(iii) The permittee shall not cause or allow the emissions of particulate matter (PM) from this unit to exceed 0.20 g/kW-hr (0.15 g/hp-hr).	
(b) The permittee shall not operate this unit except as provided in 40 CFR §60.4211(f)(1) through (3) which includes but may not be limited to:	40 CFR §60.4211(f) and ADEM Admin. Code r. 335-3-10-.02(87)
(i) Emergency situations;	
(ii) Maintenance checks and readiness testing, not to exceed 100 hours per year; and	

Federally Enforceable Provisos	Regulations
<p>(iii) Non-emergency situations, not to exceed 50 hours per year (those 50 hours of operation are counted towards the 100 hours per calendar year for maintenance checks and readiness testing).</p> <p>(c) The permittee shall only fire diesel fuel that meets the following criteria in this unit:</p> <p>(i) Sulfur content ≤15 ppm; and</p> <p>(ii) Cetane index ≥40 or aromatic content ≤35% by volume.</p> <p>(d) The permittee shall not exceed the following facility-wide emission limits of HAPs during any consecutive 12-month period: 9.5 tons of individual HAPs and 24.5 tons of total HAPs.</p>	<p>40 CFR §60.4207(b), 40 CFR §80.510(b), and ADEM Admin. Code r. 335-3-10-.02(87)</p> <p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>3. <u>Compliance and Performance Test Methods and Procedures</u></p>	
<p>The permittee shall operate and maintain the certified stationary CI internal combustion engine according to the manufacturer's emission-related written instructions and shall keep records of conducted maintenance to demonstrate compliance.</p>	<p>40 CFR §60.4206 and ADEM Admin. Code r. 335-3-10-.02(87)</p>
<p>4. <u>Emission Monitoring</u></p>	
<p>(a) The permittee shall operate and maintain this unit according to the manufacturer's emission-related written instructions, change only those emission-related settings that are permitted by the manufacturer, and meet the applicable requirements of 40 CFR Parts 89, 94, and/or 1068.</p>	<p>40 CFR §60.4211(a)(1)-(3) and ADEM Admin. Code r. 335-3-10-.02(87)</p>
<p>(b) The permittee is required to install and operate a non-resettable hour meter on this engine if one is not already installed.</p>	<p>40 CFR §60.4209 and ADEM Admin. Code r. 335-3-10-.02(87)</p>
<p>5. <u>Recordkeeping and Reporting Requirements</u></p>	
<p>(a) The permittee shall maintain on-site for the life of each unit either a copy of the manufacturer's emission-related operation and maintenance instructions for each unit or the maintenance plan developed in accordance with 40 CFR §63.6625(e) for each unit.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(b) The permittee shall keep records of the hours of operation through the non-resettable hour meter. The permittee shall record the time and the reason each time the unit is operated.</p>	<p>40 CFR §60.4214(b)</p>

Federally Enforceable Provisos	Regulations
<p>(c) The permittee shall maintain records of the facility-wide total HAP and individual HAP emissions on a monthly and 12-month rolling total basis to be recorded no later than 15 days from the end of each calendar month for the previous month and shall be made available for inspection at the facility no later than 30 days after the end of each calendar month.</p>	<p>ADEM Admin. Code r. 335-3-16-.01(q)</p>
<p>(d) The permittee shall submit a certification that the 12-month rolling HAP emissions do not exceed the limits specified in Section 2(d) above for each reporting period as part of the Semiannual Monitoring Report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>
<p>(e) The permittee shall submit a certification that this engine is in accordance with Section 2(a-c) above for each reporting period as part of the semiannual monitoring report required by General Permit Proviso No. 21.</p>	<p>ADEM Admin. Code r. 335-3-16-.05(c)</p>