

Exhibit A

Exhibit A



NEVADA DIVISION OF
**ENVIRONMENTAL
PROTECTION**

STATE OF NEVADA
Department of Conservation & Natural Resources
Steve Sisolak, Governor
Bradley Crowell, Director
Greg Lovato, Administrator

February 20, 2019

Terry Reck
First Member
Reck Brothers, LLC.
1502 Aultman Avenue, P.O. Box 151372
Ely, NV 89315

RE: Notification of Issuance of Revision of Class II Air Quality Operating Permit AP1611-0835.03, FIN A0480, Air Case 9749 – Ely Asphalt Plant

Dear Mr. Reck:

The Nevada Division of Environmental Protection – Bureau of Air Pollution Control (BAPC) has reviewed the application submitted by Reck Brothers, LLC. on July 30, 2018 for the above-referenced operating permit under legal authority from Nevada Revised Statutes (NRS) 445B.100 through 445B.640, inclusive, and pursuant to regulations in Nevada Administrative Code (NAC) 445B.001 through 445B.3689, inclusive. Based upon technical review and recommendation, I hereby issue the operating permit with appropriate restrictions. Enclosed is your copy of the operating permit which must be posted conspicuously at the facility.

In accordance with NRS 445B.340 and NAC 445B.890, you may appeal the Department's issuance of the operating permit within 10 days after you receive the operating permit. Appeals may be filed with the State Environmental Commission located at 901 S. Stewart Street, Carson City, Nevada 89701. For questions regarding appeals, call (775) 687-9374.

Please review the operating permit carefully and ensure you understand all conditions, restrictions, monitoring, recordkeeping, and other requirements. If you have any questions, contact Shantell Davis at (775) 687-9549 or shantell.davis@ndep.nv.gov.

Sincerely,

Keri Foster, P.E.
Supervisor, Permitting Branch
Bureau of Air Pollution Control

KF/sd
Enclosure: Class II Air Quality Operating Permit AP1611-0835.03
Certified Mail No. 9171 9690 0935 0010 7699 25
E-Copy (w/ enclosure): Terry Reck, Reck Brothers, LLC.
Gay McCleary, ECON, Inc.



BUREAU OF AIR POLLUTION CONTROL

901 SOUTH STEWART STREET SUITE 4001
 CARSON CITY, NEVADA 89701-5249

p: 775-687-9350 • www.ndep.nv.gov/bapc • f: 775-687-6396

Facility ID No. A0480

Permit No. AP1611-0835.03

CLASS II AIR QUALITY OPERATING PERMIT

Issued to: RECK BROTHERS LLC (HEREINAFTER REFERRED TO AS PERMITTEE)

Mailing Address: P.O. BOX 151372, ELY, NEVADA 89315

Physical Address: 1502 EAST AULTMAN STREET, ELY, NEVADA 89301

General Facility Location:

SECTION 6, T16N, R64E, MDB&M
 HA 179 – STEPTOE VALLEY/ WHITE PINE COUNTY
 NORTH 4,348.99 KM, EAST 689.11 KM, UTM ZONE 11

Emission Unit List (16 Emission Units):	
A. System 01 – Transfer to Aggregate Bins	
PF1.001	Material transfer to aggregate bins
B. System 02 – Aggregate Bins	
PF1.002	Aggregate bins (3) and discharge to conveyor
PF1.003	Conveyor and discharge to drum mixer
C. System 03 – Drum Mixer	
S2.001	Drum mixer, manufactured by Boeing, no model or serial #, and discharge to hot elevator
D. System 04 – Asphalt Transfer	
PF1.004	Hot elevator and discharge to hot asphalt silo
E. System 05 – Asphalt Silo	
PF1.005	Asphalt silo, manufactured by Howe Richard, 14'8" high, 11' diameter, 40 ton capacity, and discharge to trucks
F. System 06 – Diesel Generator	
S2.002	Diesel generator, manufactured by Detroit, 470 hp
G. System 01a – Alternative Operating Scenario: Aggregate Bins Transfers (Added February 2019, Aircase # 9749)	
PF1.001A	Material Transfer to Aggregate Bins (4) (Transfer by Loader)
PF1.002A	Aggregate Bins (4) and Discharge to Feed Conveyor
H. System 02a – Alternative Operating Scenario: Scalp Screen and Associated Transfers (Added February 2019, Aircase # 9749)	
PF1.006	Scalp Screen and Associated Transfers (In from Feed Conveyor #1, Discharge to Feed Conveyor #2 and Oversize Material to Stockpile)
PF1.003A	Feed Conveyor #2 Discharge to Drum Mixer
I. System 03a – Alternative Operating Scenario: Drum Mixer (Added February 2019, Aircase # 9749)	
S2.001A	Drum Mixer
PF1.007	Drum Mixer Discharge to Slat Conveyor
J. System 04a – Alternative Operating Scenario: Slat Conveyor and Discharge to Asphalt Silo (Added February 2019, Aircase 9749)	
PF1.004A	Slat Conveyor and Discharge to Asphalt Silo
K. System 05a – Alternative Operating Scenario: Asphalt Silo and Discharge to Trucks (Added February 2019, Aircase 9749)	
PF1.005A	Asphalt Silo and Discharge to Trucks
L. System 06a – Alternative Operating Scenario: 1,662 hp Caterpillar Diesel Generator (Added February 2019, Aircase 9749)	
S2.002A	1,662 hp Caterpillar Diesel Generator (Model 3412, Mfd. 1999)



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Section I. General Conditions

- A. Severability (Nevada Administrative Code (NAC) 445B.315.3(c))
Each of the conditions and requirements of this Operating Permit is severable and, if any are held invalid, the remaining conditions and requirements continue in effect.
- B. Prohibited Acts (Nevada Revised Statute (NRS) 445B.470)
Permittee shall not knowingly:
1. Violate any applicable provision, the terms or conditions of any permit or any provision for the filing of information;
 2. Fail to pay any fee;
 3. Falsify any material statement, representation or certification in any notice or report; or
 4. Render inaccurate any monitoring device or method, required pursuant to the provisions of NRS 445B.100 to 445B.450, inclusive, or 445B.470 to 445B.640, inclusive, or any regulation adopted pursuant to those provisions.
- C. Prohibited Conduct: Concealment of Emissions (NAC 445B.225)
Permittee shall not install, construct, or use any device which conceals any emission without reducing the total release of regulated air pollutants to the atmosphere.
- D. Compliance/Noncompliance (NAC 445B.315.3(d))
Permittee shall comply with all conditions of this Operating Permit. Any noncompliance constitutes a violation and is grounds for:
1. An action for noncompliance;
 2. Revising, revoking, reopening and revising, or terminating the Operating Permit; or
 3. Denial of an application for a renewal of the Operating Permit.
- E. NAC 445B.315.3(e)
The need to halt or reduce activity to maintain compliance with the conditions of this Operating Permit is not a defense to noncompliance with any conditions of this Operating Permit.
- F. NAC 445B.315.3(f)
The director may revise, revoke and reissue, reopen and revise, or terminate the operating permit for cause.
- G. NAC 445B.315.3(g)
This Operating Permit does not convey any property rights or any exclusive privilege.
- H. NAC 445B.315.3(h)
Permittee shall provide the Bureau of Air Pollution Control, within a reasonable time, with any information that the Bureau of Air Pollution Control requests in writing to determine whether cause exists for revising, revoking and reissuing, reopening and revising or terminating this Operating Permit or to determine compliance with the conditions of this Operating Permit.
- I. Fees (NAC 445B.315.3(i))
Permittee shall pay fees to the Bureau of Air Pollution Control in accordance with the provisions set forth in NAC 445B.327 and 445B.331.
- J. Right to Entry (NAC 445B.315.3(j))
Permittee shall allow the Bureau of Air Pollution Control personnel, upon the presentation of credentials, to:
1. Enter upon the premises of Permittee where:
 - a. The stationary source is located;
 - b. Activity related to emissions is conducted; or
 - c. Records are kept pursuant to the conditions of this Operating Permit;
 2. Have access to and copy, during normal business hours, any records that are kept pursuant to the conditions of this Operating Permit;
 3. Inspect, at reasonable times, any facilities, practices, operations, or equipment, including any equipment for monitoring or controlling air pollution, that are regulated or required pursuant to this Operating Permit; and
 4. Sample or monitor, at reasonable times, substances or parameters to determine compliance with the conditions of this Operating Permit or applicable requirements.
- K. Certification (NAC 445B.315.3(k))
A responsible official of Permittee shall certify that, based on information and belief formed after reasonable inquiry, the statements made in any document required to be submitted by any condition of this Operating Permit are true, accurate and complete.



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CLASS II AIR QUALITY OPERATING PERMIT

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Section I. General Conditions (continued)

L. Testing and Sampling (NAC 445B.252)

1. To determine compliance with NAC 445B.001 to 445B.3689, inclusive, before the approval or the continuance of an operating permit or similar class of permits, the director may either conduct or order the owner of any stationary source to conduct or have conducted such testing and sampling as the director determines necessary. Testing and sampling or either of them must be conducted and the results submitted to the director within 60 days after achieving the maximum rate of production at which the affected facility will be operated, but not later than 180 days after initial startup of the facility and at such times as may be required by the director.
2. Tests of performance must be conducted and data reduced in accordance with the methods and procedures of the test contained in each applicable subsection of this section unless the director:
 - a. Specifies or approves, in specific cases, the use of a method of reference with minor changes in methodology;
 - b. Approves the use of an equivalent method;
 - c. Approves the use of an alternative method, the results of which he has determined to be adequate for indicating whether a specific stationary source is in compliance; or
 - d. Waives the requirement for tests of performance because the owner or operator of a stationary source has demonstrated by other means to the director's satisfaction that the affected facility is in compliance with the standard.
3. Tests of performance must be conducted under such conditions as the director specifies to the operator of the plant based on representative performance of the affected facility. The owner or operator shall make available to the director such records as may be necessary to determine the conditions of the performance test. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of a performance test unless otherwise specified in the applicable standard. (NAC 445B.252.3)
4. Permittee shall give notice to the director 30 days before the test of performance to allow the director to have an observer present. A written testing procedure for the test of performance must be submitted to the director at least 30 days before the test of performance to allow the director to review the proposed testing procedures. (NAC 445B.252.4)
5. Each test of performance must consist of at least three separate runs using the applicable method for that test. Each run must be conducted for the time and under the conditions specified in the applicable standard. For the purpose of determining compliance with an applicable standard, the arithmetic means of results of the runs apply. In the event of forced shutdown, failure of an irreplaceable portion of the sampling train, extreme meteorological conditions or other circumstances with less than three valid samples being obtained, compliance may be determined using the arithmetic mean of the results of the other two runs upon the director's approval. (NAC 445B.252.5)
6. All testing and sampling will be performed in accordance with recognized methods and as specified by the director. (NAC 445B.252.6)
7. The cost of all testing and sampling and the cost of all sampling holes, scaffolding, electric power and other pertinent allied facilities as may be required and specified in writing by the director must be provided and paid for by the owner of the stationary source. (NAC 445B.252.7)
8. All information and analytical results of testing and sampling must be certified as to their truth and accuracy and as to their compliance with all provisions of NAC 445B.001 to 445B.3689, inclusive, and copies of these results must be provided to the director no later than 60 days after the testing or sampling, or both.

M. Maximum Opacity of Emissions (NAC 445B.22017)

1. Except as otherwise provided in this section and NAC 445B.2202, Permittee may not cause or permit the discharge into the atmosphere from any emission unit opacity equal to or greater than 20 percent. Opacity must be determined by one of the following methods:
 - a. If opacity is determined by a visual measurement, it must be determined as set forth in Reference Method 9 in Appendix A of 40 C.F.R. Part 60.
 - b. If a source uses a continuous monitoring system for the measurement of opacity, the data must be reduced to 6-minute averages as set forth in 40 CFR § 60.13(h).
2. The provisions of this section and NAC 445B.2202 do not apply to that part of the opacity that consists of uncombined water. The burden of proof to establish the application of this exemption is upon the person seeking to come within the exemption.

N. Exceptions for Stationary Sources (NAC 445B.2202)

The provisions of NAC 445B.22017 do not apply to:

1. Smoke from the open burning described in NAC 445B.22067;
2. Smoke discharged in the course of training air pollution control inspectors to observe visible emissions, if the facility has written approval of the commission;
3. Emissions from an incinerator as set forth in NAC 445B.2207;
4. Emissions of stationary diesel-powered engines during warm-up for not longer than 15 minutes to achieve operating temperatures.



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Section I. General Conditions (continued)

- O. Odors (NAC 445B.22087)
Permittee may not discharge or cause to be discharged, from any stationary source, any material or regulated air pollutant which is or tends to be offensive to the senses, injurious or detrimental to health and safety, or which in any way interferes with or prevents comfortable enjoyment of life or property.
- P. Assertion of Emergency as Affirmative Defense to Action for Noncompliance (NAC 445B.326.1)
Permittee may assert an affirmative defense to an action brought for noncompliance with a technology-based emission limitation contained in the Operating Permit if the holder of the Operating Permit demonstrates through signed, contemporaneous operating logs or other relevant evidence that:
1. An emergency (as defined in NAC 445B.056) occurred and the holder of the Operating Permit can identify the cause of the emergency;
 2. The facility was being properly operated at the time of the emergency;
 3. During the emergency, the holder of the Operating Permit took all reasonable steps to minimize excess emissions; and
 4. Permittee submitted notice of the emergency to the director within 2 working days after the emergency. The notice must contain a description of the emergency, any steps taken to mitigate emissions, and any corrective actions taken to restore the normal operation of the facility.
 5. In any action for noncompliance, Permittee, by asserting the affirmative defense of any emergency, has the burden of proof.
- Q. Revocation and reissuance (NAC 445B.3265)
1. This Operating Permit may be revoked if the control equipment is not operating. (NAC 445B.3265.1)
2. This Operating Permit may be revoked by the director upon determination that there has been a violation of NAC 445B.001 to 445B.3689, inclusive, or the provisions of 40 CFR § 52.21, or 40 C.F.R. Part 60 or 61, Prevention of Significant Deterioration, New Source Performance Standards, and National Emission Standards for Hazardous Air Pollutants adopted by reference in NAC 445B.221. (NAC 445B.3265.2)
3. The revocation is effective 10 days after the service of a written notice, unless a hearing is requested. (NAC 445B.3265.3)

*******End of General Conditions*******



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CLASS II AIR QUALITY OPERATING PERMIT

Issued to: RECK BROTHERS LLC

Section II. General Construction Conditions

- A. Notification (NAC 445B.250; NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)
 Under the authority of NAC 445B.250 and NAC 445B.346; the Director shall be notified in writing of the following for **PF1.001A, PF1.002A, PF1.006, PF1.003A, S2.001A, PF1.007, PF1.004A, PF1.005A, and S2.002A:**
1. The date construction (or reconstruction as defined under NAC 445B.247) of the affected facility is commenced, postmarked no later than 30 days after such date. This requirement shall not apply in the case of mass-produced facilities which are purchased in completed form.
 2. The anticipated date of initial startup of an affected facility, postmarked no more than 60 days and no less than 30 days prior to such date.
 3. The actual date of initial startup of the affected facility, postmarked within 15 days after such date.
 4. The date upon which demonstration of the continuous monitoring system performance commences in accordance with NAC 445B.256 to 445B.267, inclusive. Notification must be postmarked not less than 30 days before such date.

*******End of General Construction Conditions*******



BUREAU OF AIR POLLUTION CONTROL

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CLASS II AIR QUALITY OPERATING PERMIT

Issued to: RECK BROTHERS LLC

Section IIA. Specific Construction Requirements

- A. Initial Opacity Compliance Demonstration and Initial Performance Tests (NAC 445B.22017, NAC 445B.252, NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)
- Under the authority of NAC 445B.22017, NAC 445B.252, and NAC 445B.346, the Permittee, upon issuance of this operating permit, shall conduct initial opacity compliance demonstrations and/or initial performance tests within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup. The Permittee shall follow the test methods and procedures referenced in Table IV-1 and Table IV-2 below:

Table IV-1: Initial Opacity Compliance Demonstration

System	Emission Unit(s)	Pollutant To Be Tested	Testing Methods/Procedures
System 01a – Alternative Operating Scenario: Aggregate Bins Transfers	PF1.001A and PF1.002A	Opacity	Method 9 in Appendix A of 40 CFR Part 60 shall be used to determine opacity. Opacity observations shall be conducted concurrently with the applicable performance test. The minimum total time of observations shall be six minutes (24 consecutive observations recorded at 15 second intervals), unless otherwise specified by an applicable subpart.
System 02a – Alternative Operating Scenario: Scalp Screen and Associated Transfers	PF1.006 & PF1.003A		
System 03a – Alternative Operating Scenario: Drum Mixer	S2.001A & PF1.007		
System 04a – Alternative Operating Scenario: Slat Conveyor and Discharge to Asphalt Silo	PF1.004A		
System 05a – Alternative Operating Scenario: Asphalt Silo and Discharge to Trucks	PF1.005A		
System 06a – Alternative Operating Scenario: 1,662 hp Caterpillar Diesel Generator	S2.002A		

Table IV-2: Initial Performance Tests

System	Emission Unit(s)	Pollutants To Be Tested	Testing Methods/Procedures
System 03a – Drum Mixer	S2.001A	PM	Method 5 in Appendix A of 40 CFR Part 60 shall be used to determine PM emissions. The sample volume for each test run shall be at least 1.7 dscm (60 dscf). Test runs must be conducted for up to two hours in an effort to collect this minimum sample.
		PM ₁₀ /PM _{2.5}	Method 201A and Method 202 in Appendix M of 40 CFR Part 51 shall be used to determine PM ₁₀ and PM _{2.5} emissions. The sample time and sample volume collected for each test run shall be sufficient to collect enough mass to weigh accurately. The Method 201A and 202 test required in this section may be replaced by a Method 5 in Appendix A of 40 CFR Part 60 and Method 202 in Appendix M of 40 CFR Part 51 test. All particulate captured in the Method 5 and Method 202 test performed under this provision shall be considered PM _{2.5} for determination of compliance.
		SO ₂	Method 6C in Appendix A of 40 CFR Part 60 shall be used to determine the sulfur dioxide concentration. Each test will be run for a minimum of one hour.
		NO _x	Method 7E in Appendix A of 40 CFR Part 60 shall be used to determine the nitrogen oxides concentration. Each test will be run for a minimum of one hour.
		CO	Method 10 in Appendix A of 40 CFR Part 60 shall be used to determine the carbon monoxide concentration. Each test will be run for a minimum of one hour.
		VOC	Method 25A in Appendix A of 40 CFR Part 60 shall be used to determine the volatile organic compound concentration. Method 18 in Appendix A of 40 CFR Part 60 or Method 320 in Appendix A of CFR Part 63 may be used in conjunction with Method 25A to break out the organic compounds that are not considered VOC's by definition per 40 CFR 51.100(s). Each Method 25A test will be run for a minimum of one hour.

- All initial opacity compliance demonstrations and initial performance tests must comply with the advance notification, protocol review, operational conditions, reporting, and other requirements of **Section I.H. Testing and Sampling** (NAC 445B.252) of this operating permit. Material sampling must be conducted in accordance with protocols approved by the Director. All initial performance test results shall be based on the arithmetic average of three valid runs. (NAC 445B.252(5))
- Testing shall be conducted on the exhaust stack (post controls).
- Initial opacity compliance demonstrations and initial performance tests, as specified in Table IV-1 and Table IV-2 above, must be conducted under such conditions as the Director specifies to the operator of the plant based on representative performance of the affected facility. The Permittee shall make available to the Director such records as may be necessary to determine the conditions of the initial opacity compliance demonstrations and initial performance tests. Operations during periods of startup, shutdown and malfunction must not constitute representative conditions of the initial opacity compliance demonstrations and initial performance tests unless otherwise specified in the applicable standard. (NAC 445B.252(3))



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Section IIA. Specific Construction Requirements (continued)

- A. Initial Opacity Compliance Demonstration and Initial Performance Tests (NAC 445B.22017, NAC 445B.252, NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)
5. The Permittee shall give notice to the Director 30 days before the initial opacity compliance demonstrations and initial performance tests to allow the Director to have an observer present. A written testing procedure must be submitted to the Director at least 30 days before the initial opacity compliance demonstrations and initial performance tests to allow the Director to review the proposed testing procedures. (NAC 445B.252(4) and 40 CFR Part 60.7(a)(6))
 6. Within 60 days after completing the initial opacity compliance demonstrations and initial performance tests contained in Table IV-1 and Table IV-2 of this section, the Permittee shall furnish the Director a written report of the results. All information and analytical results of testing and sampling must be certified as to the truth and accuracy and as to their compliance with NAC 445B.001 to 445B.3689, inclusive. (NAC 445B.252(8))
 7. Initial opacity compliance demonstrations and initial performance tests required under this section that are conducted below the maximum allowable throughput, shall be subject to the Director's review to determine if the throughputs during the Initial opacity compliance demonstrations and initial performance tests were sufficient to provide adequate compliance demonstration. Should the Director determine that the Initial opacity compliance demonstrations and initial performance tests do not provide adequate compliance demonstration, the Director may require additional testing.

*******End of Specific Construction Requirements*******



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Section III. General Operating Conditions

A. Facilities Operation (NAC 445B.227)

Permittee may not:

1. Operate a stationary source of air pollution unless the control equipment for air pollution which is required by applicable requirements or conditions of this Operating Permit is installed and operating.
2. Disconnect, alter, modify or remove any of the control equipment for air pollution or modify any procedure required by an applicable requirement or condition of this Operating Permit.

B. Excess Emissions (NAC 445B.232; NAC 445B.346.2)

1. Scheduled maintenance or testing or scheduled repairs which may result in excess emissions of regulated air pollutants prohibited by NAC 445B.001 to 445B.3689, inclusive, must be approved by the director and performed during a time designated by the director as being favorable for atmospheric ventilation.
2. The director must be notified in writing of the time and expected duration at least 24 hours in advance of any scheduled maintenance which may result in excess emissions of regulated air pollutants prohibited by NAC 445B.001 to 445B.3689, inclusive.
3. The director must be notified in writing or by telephone of the time and expected duration at least 24 hours in advance of any scheduled repairs which may result in excess emissions of regulated air pollutants prohibited by NAC 445B.001 to 445B.3689, inclusive.
4. The director must be notified of any excess emissions within 24 hours after any malfunction or upset of the process equipment or equipment for controlling pollution or during startup or shutdown of such equipment. The telephone number for the notification is (775) 687-4670.
5. Permittee, as the owner or operator of an affected facility, shall provide the director, within 15 days after any malfunction, upset, startup, shutdown, or human error which results in excess emissions, sufficient information to enable the director to determine the seriousness of the excess emissions. The information must include at least the following:
 - a. The identity of the stack or other point of emission, or both, where the excess emissions occurred.
 - b. The estimated magnitude of the excess emissions expressed in opacity or in units of the applicable limitation on emission and the operating data and methods used in estimating the magnitude of the excess emissions.
 - c. The time and duration of the excess emissions.
 - d. The identity of the equipment causing the excess emissions.
 - e. If the excess emissions were the result of a malfunction, the steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of the malfunction.
 - f. The steps taken to limit the excess emissions.
 - g. Documentation that the equipment for controlling air pollution, process equipment, or processes were at all times maintained and operated, to a maximum extent practicable, in a manner consistent with good practice for minimizing emissions.

C. Permit Revision (NAC 445B.287.1.b)

A revision of this operating permit is required pursuant to the requirements of NAC 445B.3465 before the stationary source may be modified.

*******End of General Operating Conditions*******



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Section IV. General Monitoring and Recordkeeping

- A. Records Retention (NAC 445B.315.3(b))
Permittee shall retain records of all required monitoring data and supporting information for 5 years from the date of the sample collection, measurement, report or analysis. Supporting information includes, but is not limited to, all records regarding calibration and maintenance of the monitoring equipment and all original strip-chart recordings for continuous monitoring instrumentation.
- B. Reporting (NAC 445B.346.3)
Permittee will promptly report to the director any deviations from the requirements of this Operating Permit. The report to the director will include the probable cause of all deviations and any action taken to correct the deviations. For this Operating Permit, prompt is defined as submittal of a report within 15 days of the deviation. This definition does not alter any reporting requirements as established for reporting of excess emissions as required under NAC 445B.232 and under condition III.B of this permit.
- C. Yearly Reports (NAC 445B.315.3(h), NAC 445B.346.2)
Permittee will submit yearly reports including, but not limited to, throughput, production, fuel consumption, hours of operation, and emissions. These reports will be submitted on the form provided by the Bureau of Air Pollution Control for all emission units/systems specified on the form. The completed form must be submitted to the Bureau of Air Pollution Control no later than March 1 annually for the preceding calendar year.

*****End of General Monitoring and Recordkeeping Conditions*****



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CLASS II AIR QUALITY OPERATING PERMIT

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Section V. Specific Operating Conditions

A. Emission Unit PF1.001 Location North 4348.99 km, East 689.11 km, UTM (Zone 11)

A. System 01 – Transfer to Aggregate Bins	
PF1.001	Material transfer to aggregate bins

1. Air Pollution Equipment (NAC 445B.308.7, NAC 445B.346.1)
Emissions from **PF1.001** shall be controlled by best operating practices located at both **PF1.001**.
2. Emission Limits (NAC 445B.308.7, NAC 445B.346.1)
On and after the date of startup of **PF1.001**, Permittee will not discharge or cause the discharge into the atmosphere the following pollutants in excess of the following specified limits:
 - a. The discharge of PM (particulate matter) to the atmosphere will not exceed 0.45 pound per hour, nor more than 0.31 ton per year.
 - b. The discharge of PM₁₀ (particulate matter less than 10 microns in diameter) to the atmosphere will not exceed 0.17 pound per hour, nor more than 0.11 ton per year.
 - c. The opacity from **PF1.001** will not equal or exceed 20 percent in accordance with NAC 445B.22017.
3. Operating Parameters (NAC 445B.308.7; NAC 445B.346.1)
 - a. The maximum allowable throughput rate for **PF1.001** will not exceed 150 tons of aggregate per any one-hour period, nor more than 204,000 tons per any 12-month rolling period.
 - b. Hours
 - (1) **PF1.001** will not operate in excess of 8 hours per day.
 - (2) **PF1.001** will not operate in excess of 1,360 hours per calendar year.
4. Monitoring, Testing and Reporting (NAC 445B.308.7; NAC 445B.346.2)
 - a. Monitoring and Recordkeeping
Permittee, upon the issuance date of this permit, will:
 - (1) Monitor the throughput rate of aggregate for **PF1.001** on a daily basis.
 - (2) Monitor the hours of operation for **PF1.001** on a daily basis.
 - (3) The required monitoring established in (1) and (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
 - (a) The calendar date of any required monitoring.
 - (b) The total daily throughput rate of aggregate in tons, for the corresponding date.
 - (c) The total daily hours of operation for the corresponding date.
 - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in (b) and (c) above.
 - (e) The monthly hours of operation, and the corresponding sum of hours of operation for the calendar year. The monthly hours of operation will be determined at the end of each calendar month as the sum of daily hours of operation as determined in (c) above for each day of the calendar month. The monthly hours of operation shall be added beginning in January of each year to insure compliance with 3.b.(2) of this section.



BUREAU OF AIR POLLUTION CONTROL

Facility ID No. A0480

Permit No. AP1611-0835.03

CLASS II AIR QUALITY OPERATING PERMIT

Issued to: RECK BROTHERS LLC

Section V. Specific Operating Conditions (continued)

B. Emission Units PF1.002 and PF1.003 Location North 4348.99 km, East 689.11 km, UTM (Zone 11)

B. System 02 – Aggregate Bins	
PF1.002	Aggregate bins (3) and discharge to conveyor
PF1.003	Conveyor and discharge to drum mixer

1. Air Pollution Equipment (NAC 445B.308.7; NAC 445B.346.1)
Emissions from **PF1.002 and PF1.003** shall be controlled by best operating practices.
2. Emission Limits (NAC 445B.308.7; NAC 445B.346.1)
 - a. On and after the date of startup of **PF1.002 and PF1.003**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.002 and PF1.003** the following pollutants in excess of the following specified limits:
 - (1) The discharge of PM to the atmosphere will not exceed 0.30 pound per hour, nor more than 0.31 ton per year, each.
 - (2) The discharge of PM₁₀ to the atmosphere will not exceed 0.11 pound per hour, nor more than 0.11 ton per year, each.
 - (3) The opacity from **PF1.002 and PF1.003** each, will not equal or exceed 20 percent in accordance with NAC 445B.22017.
3. Operating Parameters (NAC 445B.308.7; NAC 445B.346.1)
 - a. The maximum allowable throughput rate for **PF1.002 and PF1.003** each will not exceed 100 tons of aggregate per any one-hour period, nor more than 204,000 tons per any 12-month rolling period.
 - b. Hours
 - (1) **PF1.002 and PF1.003** each will not operate in excess of 8 hours per day.
 - (2) **PF1.002 and PF1.003** each will not operate in excess of 2,040 hours per calendar year.
4. Monitoring, Testing and Reporting (NAC 445B.308.7; NAC 445B.346.2)
 - a. Monitoring and Recordkeeping
Permittee, upon the issuance date of this permit, will:
 - (1) Monitor the throughput rate of aggregate for **PF1.002 and PF1.003** on a daily basis.
 - (2) Monitor the hours of operation for **PF1.002 and PF1.003** on a daily basis.
 - (3) The required monitoring established in (1) and (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
 - (a) The calendar date of any required monitoring.
 - (b) The total daily throughput rate of aggregate in tons, for the corresponding date.
 - (c) The total daily hours of operation for the corresponding date.
 - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in (b) and (c) above.
 - (e) The monthly hours of operation, and the corresponding sum of hours of operation for the calendar year. The monthly hours of operation will be determined at the end of each calendar month as the sum of daily hours of operation as determined in (c) above for each day of the calendar month. The monthly hours of operation shall be added beginning in January of each year to insure compliance with 3.b.(2) of this section.



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Section V. Specific Operating Conditions (continued)

C. Emission Unit S2.001 Location North 4348.99 km, East 689.11 km, UTM (Zone 11)

C. System 03 – Drum Mixer
S2.001 Drum mixer, manufactured by Boeing, no model or serial #, and discharge to hot elevator

1. Air Pollution Equipment (NAC 445B.308.7; NAC 445B.346.1)
Emissions from **S2.001** shall be ducted to a control system consisting of a wet scrubber with 100% capture and a maximum volume flow rate of 6,019 dry standard cubic feet per minute (dscfm).

Stack height – 30 feet
Stack inside diameter – 3 feet x 3 feet
Stack temperature – 500° Fahrenheit
2. Emission Limits (NAC 445B.308.7; NAC 445B.346.1)
 - a. On and after the date of startup of **S2.001**, Permittee will not discharge or cause the discharge into the atmosphere from the exhaust stack of wet scrubber the following pollutants in excess of the following specified limits:
 - (1) The discharge of PM to the atmosphere will not exceed 2.06 pounds per hour, nor more than 2.10 tons per year.
 - (2) The discharge of PM₁₀ to the atmosphere will not exceed 2.06 pounds per hour, nor more than 2.10 tons per year.
 - (3) The discharge of nitrogen oxides to the atmosphere will not exceed 3.90 pounds per hour, nor more than 3.98 tons per year.
 - (4) The discharge of sulfur dioxide to the atmosphere will not exceed 0.51 pound per hour, nor more than 0.52 ton per year.
 - (5) The discharge of carbon monoxide to the atmosphere will not exceed 19.50 pounds per hour, nor more than 19.89 tons per year.
 - (6) The discharge of volatile organic compounds to the atmosphere will not exceed 4.80 pounds per hour, nor more than 4.90 tons per year.
 - (7) The opacity from the wet scrubber will not equal or exceed 20 percent in accordance with NAC 445B.22017.
 - b. New Source Performance Standards - Subpart I - Standards of Performance for Hot Mix Asphalt Facilities (40 CFR Part 60.92)
On and after the date on which the performance test required to be conducted is completed, Permittee will not discharge or cause the discharge into the atmosphere from the wet scrubber the following pollutants in excess of the following specified limits:
 - (1) Emissions of particulate matter in excess of 90 mg/dscm (0.04 grain per dry standard cubic foot). (40 CFR Part 60.92.(a)(1))
 - (2) Emissions that exhibit 20 percent opacity, or greater. (40 CFR Part 60.92(a)(2))
 - (3) The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction.(40 CFR Part 60.11(c))
 - (4) At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **S2.001** including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))
3. Operating Parameters (NAC 445B.308.7; NAC 445B.346.1)
 - a. The maximum allowable throughput rate for **S2.001** will not exceed 150 tons of asphalt product per any one-hour period, nor more than 306,000 tons per any 12-month rolling period.
 - b. **S2.001** may combust only propane as fuel.
 - c. The maximum allowable combustion of propane will not exceed 280 gallons per any one-hour period, nor more than 571,200 gallons per any 12-month rolling period.
 - d. Hours
 - (1) **S2.001** will not operate in excess of 10 hours per day.
 - (2) **S2.001** will not operate in excess of 2,040 hours per calendar year.



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Section V. Specific Operating Conditions (continued)

C. Emission Units S2.001 (continued)

4. Monitoring, Testing and Reporting (NAC 445B.308.7; NAC 445B.346.2)

a. Monitoring and Recordkeeping

Permittee, upon the issuance date of this permit will:

- (1) Monitor the throughput rate of asphalt product for **S2.001** on a daily basis.
- (2) Monitor the combustion of propane for **S2.001** on a daily basis.
- (3) Monitor the hours of operation for **S2.001** on a daily basis.
- (4) The required monitoring established in (1) through (3) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
 - (a) The calendar date of any required monitoring.
 - (b) The total daily throughput rate of asphalt product in tons, for the corresponding date.
 - (c) The total daily combustion of propane in gallons, for the corresponding date.
 - (d) The total daily hours of operation for the corresponding date.
 - (e) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in (b) and (d) above.
 - (f) The monthly throughput rate in tons per calendar month, and the corresponding annual throughput rate in tons per 12-month rolling period. The monthly throughput rate will be determined at the end of each calendar month as the sum of each total daily throughput rate as determined in (b) above for each day of the calendar month. The annual throughput rate will be determined at the end of each calendar month as the sum of the monthly throughput rates for the 12 immediately preceding calendar months.
 - (g) The corresponding average hourly combustion rate of propane in gallons per hour. The average hourly combustion rate will be determined from the total daily combustion and the total daily hours of operation recorded in (c) and (d) above.
 - (h) The monthly hours of operation, and the corresponding sum of hours of operation for the calendar year. The monthly hours of operation will be determined at the end of each calendar month as the sum of daily hours of operation as determined in (d) above for each day of the calendar month. The monthly hours of operation shall be added beginning in January of each year to insure compliance with 3.d.(2) above.

b. Performance/Compliance Testing (NAC 445B.252.1)

At least 90 days prior to the date of expiration of this permit, but no earlier than 365 days from the date of expiration of this permit, Permittee will conduct and record the following performance tests on the exhaust stack of the wet scrubber:

- (1) Method 5 in Appendix A of 40 CFR Part 60 with a back-half catch shall be used to determine the particulate matter concentration. The sample volume for each test run shall be at least 1.7 dscm (60 dscf). The sampling probe and filter holder of Method 5 may be operated without heaters if the gas stream being sampled is at ambient temperature. For gas streams above ambient temperature, the Method 5 sampling train shall be operated with a probe and filter temperature slightly above the effluent temperature (up to a maximum filter temperature of 121°C (250°F)) in order to prevent water condensation on the filter.
- (2) A Method 201A and 202 test in accordance with 40 CFR Part 51, Appendix M (or an alternative EPA reference method approved by the director for PM₁₀). The sample time for each test run shall be at least 60 minutes. The sample volume for each test run shall be at least 1.7 dscm (60 dscf).
- (3) The Method 201A and 202 test required in this section may be replaced by a Method 5 test that includes the back-half catch. All particulate captured in the Method 5 tests with back-half catch performed under this provision shall be considered PM₁₀ emissions for determination of compliance with the emission limitations established in 2.a of this section.
- (4) Method 7E in Appendix A of 40 CFR Part 60 shall be used to determine the nitrogen oxide concentration.
- (5) Method 10 in Appendix A of 40 CFR Part 60 shall be used to determine the carbon monoxide concentration.
- (6) Method 6C in Appendix A of 40 CFR Part 60 shall be used to determine the sulfur dioxide concentration.
- (7) For the purposes of demonstrating compliance with the opacity standard established in 2.a and 2.b of this section, opacity observations shall be conducted concurrently with the performance test and in accordance with Reference Method 9 in Appendix A of 40 CFR Part 60. The minimum total time of observations shall be six minutes (24 consecutive observations recorded at 15-second intervals).
- (8) Performance tests required under this section shall use the methods specified and be conducted for a minimum of 60 minutes for each test run, unless otherwise approved by the Director.
- (9) Performance tests required under this section that are conducted below the maximum allowable throughput, as established in 3.a of this section, shall be subject to the director's review to determine if the throughputs during the performance tests were sufficient to provide adequate compliance demonstration. Should the director determine that the performance tests do not provide adequate compliance demonstration, the director may require additional performance testing.
- (10) Permittee shall comply with the requirements of Section I.L.3 through I.L.8 for all performance testing.

c. New Source Performance Standards (NSPS) - Notification and Record Keeping (40 CFR Part 60.7(b))

Permittee, upon the issuance date of this permit shall:

- (1) Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.



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Section V. Specific Operating Conditions (continued)

D. Emission Unit PF1.004 Location North 4348.99 km, East 689.11 km, UTM (Zone 11)

D. System 04 – Asphalt Transfer	
PF1.004	Hot elevator and discharge to hot asphalt silo

1. Air Pollution Equipment (NAC 445B.308.7; NAC 445B.346.1)
Emissions from PF1.004 shall be controlled by best operating practices.
2. Emission Limits (NAC 445B.308.7; NAC 445B.346.1)
 - a. On and after the date of startup of PF1.004, Permittee will not discharge or cause the discharge into the atmosphere from PF1.004 the following pollutants in excess of the following specified limits:
 - (1) The discharge of PM to the atmosphere will not exceed 0.09 pound per hour, nor more than 0.09 ton per year.
 - (2) The discharge of PM₁₀ to the atmosphere will not exceed 0.09 pound per hour, nor more than 0.09 ton per year.
 - (3) The discharge of carbon monoxide to the atmosphere will not exceed 0.18 pound per hour, nor more than 0.18 ton per year.
 - (4) The discharge of volatile organic compounds will not exceed 1.83 pounds per hours, nor more than 1.87 tons per year.
 - (5) The opacity from PF1.004 will not equal or exceed 20 percent in accordance with NAC 445B.22017.
 - b. New Source Performance Standards - Subpart I - Standards of Performance for Hot Mix Asphalt Facilities (40 CFR Part 60.92)
On and after the date on which the performance test required to be conducted is completed, Permittee will not discharge or cause the discharge into the atmosphere from PF1.004 the following pollutants in excess of the following specified limits:
 - (1) Emissions that exhibit 20 percent opacity, or greater. (40 CFR Part 60.92(a)(2))
 - (2) The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction.(40 CFR Part 60.11(c))
 - (3) At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate PF1.004 including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))
3. Operating Parameters (NAC 445B.308.7; NAC 445B.346.1)
 - a. The maximum allowable throughput rate for PF1.004 will not exceed 150 tons of asphalt product per any one-hour period, nor more than 306,000 tons per 12-month rolling period.
 - b. Hours
 - (1) PF1.004 will not operate in excess of 10 hours per day.
 - (2) PF1.004 will not operate in excess of 2,040 hours per calendar year.
4. Monitoring, Testing and Reporting (NAC 445B.308.7; NAC 445B.346.2)
 - a. Monitoring and Recordkeeping
Permittee, upon the issuance date of this permit will:
 - (1) Monitor the throughput rate of asphalt product for PF1.004 on a daily basis.
 - (2) Monitor the hours of operation for PF1.004 on a daily basis.
 - (3) The required monitoring established in (1) and (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
 - (a) The calendar date of any required monitoring.
 - (b) The total daily throughput rate of asphalt product in tons, for the corresponding date.
 - (c) The total daily hours of operation for the corresponding date.
 - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in (b) and (d) above.
 - (e) The monthly throughput rate in tons per calendar month, and the corresponding annual throughput rate in tons per 12-month rolling period. The monthly throughput rate will be determined at the end of each calendar month as the sum of each total daily throughput rate as determined in (b) above for each day of the calendar month. The annual throughput rate will be determined at the end of each calendar month as the sum of the monthly throughput rates for the 12 immediately preceding calendar months.
 - (f) The monthly hours of operation, and the corresponding sum of hours of operation for the calendar year. The monthly hours of operation will be determined at the end of each calendar month as the sum of daily hours of operation as determined in (d) above for each day of the calendar month. The monthly hours of operation shall be added beginning in January of each year to insure compliance with 3.d.(2) above.
 - b. New Source Performance Standards (NSPS) - Notification and Record Keeping (40 CFR Part 60.7(b))
Permittee, upon the issuance date of this permit shall:
 - (1) Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.



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Section V. Specific Operating Conditions (continued)

E. Emission Units PF1.005 Location North 4348.99 km, East 689.11 km, UTM (Zone 11)

E. System 05 – Asphalt Silo
PF1.005 Asphalt silo, manufactured by Howe Richard, 14'8" high, 11' diameter, 40 ton capacity, and discharge to trucks

1. Air Pollution Equipment (NAC 445B.308.7; NAC 445B.346.1)
Emissions from **PF1.005** shall be controlled by best operating practices.
2. Emission Limits (NAC 445B.308.7; NAC 445B.346.1)
On and after the date of startup of **PF1.005**, Permittee will not discharge or cause the discharge into the atmosphere from **PF1.005** the following pollutants in excess of the following specified limits:
 - a. The discharge of PM to the atmosphere will not exceed 0.08 pound per hour, nor more than 0.08 ton per year.
 - b. The discharge of PM₁₀ to the atmosphere will not exceed 0.08 pound per hour, nor more than 0.08 ton per year.
 - c. The discharge CO to the atmosphere will not exceed 0.20 pound per hour, nor more than 0.21 ton per year.
 - d. The discharge of VOC to the atmosphere will not exceed 0.62 pound per hour, nor more than 0.64 ton per year.
 - e. The opacity from **PF1.005** will not equal or exceed 20 percent in accordance with NAC 445B.22017.
3. Operating Parameters (NAC 445B.308.7; NAC 445B.346.1)
 - a. The maximum allowable discharge rate for **PF1.005** will not exceed 150 tons of asphalt product per any one-hour period, nor more than 306,000 tons per 12-month rolling period.
 - b. Hours
 - (1) **PF1.005** will not operate in excess of 10 hours per day.
 - (2) **PF1.005** will not operate in excess of 2,040 hours per calendar year.
4. Monitoring, Testing and Reporting (NAC 445B.308.7; NAC 445B.346.2)
 - a. Monitoring and Recordkeeping
Permittee, upon the issuance date of this permit will:
 - (1) Monitor the discharge rate of asphalt product for **PF1.005** on a daily basis.
 - (2) Monitor the hours of operation for **PF1.005** on a daily basis.
 - (3) The required monitoring established in (1) and (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
 - (a) The calendar date of any required monitoring.
 - (b) The total daily throughput rate of asphalt product in tons, for the corresponding date.
 - (c) The total daily hours of operation for the corresponding date.
 - (d) The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate will be determined from the total daily throughput rate and the total daily hours of operation recorded in (b) and (d) above.
 - (e) The monthly hours of operation, and the corresponding sum of hours of operation for the calendar year. The monthly hours of operation will be determined at the end of each calendar month as the sum of daily hours of operation as determined in (d) above for each day of the calendar month. The monthly hours of operation shall be added beginning in January of each year to insure compliance with 3.b.(2) above.



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Section V. Specific Operating Conditions (continued)

F. **Emission Unit S2.001** Location North 4348.99 km, East 689.11 km, UTM (Zone 11)

F. System 06 – Diesel Generator	
S2.002	Diesel generator, manufactured by Detroit, 470 hp

1. Air Pollution Equipment (NAC 445B.308.7; NAC 445B.346.1)
S2.002 has no add-on controls.
2. Emission Limits (NAC 445B.308.7; NAC 445B.346.1)
On and after the date of startup of **S2.002**, Permittee will not discharge or cause the discharge into the atmosphere from **S2.002** the following pollutants in excess of the following specified limits:
 - a. The discharge of PM to the atmosphere will not exceed 0.43 pound per hour, nor more than 0.44 ton per year.
 - b. The discharge of PM₁₀ to the atmosphere will not exceed 0.43 pound per hour, nor more than 0.44 ton per year.
 - c. The discharge of sulfur dioxide to the atmosphere will not exceed 0.41 pound per hour, nor more than 0.41 ton per year.
 - d. The discharge of nitrogen oxides to the atmosphere will not exceed 6.17 pounds per hour, nor more than 6.30 tons per year.
 - e. The discharge of carbon monoxide to the atmosphere will not exceed 1.33 pounds per hour, nor more than 1.36 tons per year.
 - f. The discharge of volatile organic compounds to the atmosphere will not exceed 0.50 pound per hour, nor more than 0.51 ton per year.
 - g. The opacity from **S2.002** will not equal or exceed 20 percent in accordance with NAC 445B.22017.
 - h. NESHAP – Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (40 CFR Part 63 table 2c (4))
 - (1) Limit concentration of CO in the stationary RICE exhaust to 49 ppmvd at 15 percent O₂; or
 - (2) Reduce CO emissions by 70 percent or more.
 - i. Permittee will be required to comply with the applicable operating limitations (40 CFR 63.6595(a)(1)).
 - j. A non-resettable hour meter must be installed and monitored (40 CFR 63.6625 (f)).
3. Operating Parameters (NAC 445B.308.7; NAC 445B.346.1)
 - a. Fuel
 - (1) The maximum allowable fuel combustion rate for **S2.002** will not exceed 10 gallons per any one-hour period, combusting #2 diesel as fuel.
 - (2) NESHAP – Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (40 CFR Part 63)
Except as otherwise specifically provided in this subpart, all NR and LM diesel fuel is subject to the following per-gallon standards: (40 CFR 80.510(b))
 - (a) Sulfur content.
 - (i) 15 ppm maximum.
 - (ii) 500 ppm maximum for LM diesel fuel.
 - (b) Cetane index or aromatic content, as follows:
 - (i) A minimum Cetane index of 40; or
 - (ii) A maximum aromatic content of 35 volume percent
 - b. Hours
 - (1) **S2.002** will not operate in excess of 10 hours per day.
 - (2) **S2.002** will not operate in excess of 2,040 hours per calendar year.
 - c. NESHAP – Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (40 CFR Part 63.6625 (g)(1&2))
 - (1) If you own or operate an existing non-emergency, non-black start CI engine greater than or equal to 300 HP that is not equipped with a closed crankcase ventilation system, you must comply with either paragraph (g)(1) or paragraph (2) of this section. Owners and operators must follow the manufacturer's specified maintenance requirements for operating and maintaining the open or closed crankcase ventilation systems and replacing the crankcase filters, or can request the Administrator to approve different maintenance requirements that are as protective as manufacturer requirements. Existing CI engines located at area sources in areas of Alaska that meet either § 63.6603(b)(1) or § 63.6603(b)(2) do not have to meet the requirements of this paragraph (g). Existing CI engines located on offshore vessels that meet § 63.6603(c) do not have to meet the requirements of this paragraph (g).
 - (i) Install a closed crankcase ventilation system that prevents crankcase emissions from being emitted to the atmosphere, or
 - (ii) Install an open crankcase filtration emission control system that reduces emissions from the crankcase by filtering the exhaust stream to remove oil mist, particulates and metals.



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F. Emission Unit S2.001 (continued)

4. Monitoring, Testing and Reporting (NAC 445B.308.7; NAC 445B.346.2)

a. Monitoring and Recordkeeping

Permittee, upon the issuance date of this permit, will:

- (1) Monitor the hours of operation for **S2.002** on a daily basis.
- (2) Monitor the sulfur content of the #2 diesel combusted in **S2.002**.
- (3) The required monitoring established in (1) and (2) above, will be maintained in a contemporaneous log containing, at a minimum, the following recordkeeping:
 - (a) The calendar date of any required monitoring.
 - (b) The total daily hours of operation for the corresponding date.
 - (c) The monthly hours of operation, and the corresponding sum of hours of operation for the calendar year. The monthly hours of operation will be determined at the end of each calendar month as the sum of daily hours of operation as determined in (c) above for each day of the calendar month. The monthly hours of operation shall be added beginning in January of each year to insure compliance with 3.b.(2) of this section.
 - (d) Fuel supplier certification consisting of the name of the oil supplier, and a statement from the oil supplier that the oil complies with the sulfur limit as specified in 3.a of this section for each #2 diesel delivery.

b. National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories

NESHAP for Stationary Reciprocating Internal Combustion Engines (RICE), 40 CFR Part 63, Subpart ZZZZ (40 CFR 63.6580, et. seq.) – Existing stationary RICE located at an Area Source of HAP emissions (40 CFR 63.6590(a)(1)(iii)) (FEDERAL REQUIREMENT)

- (1) Permittee will be required to comply with the applicable emission limitations, operating limitations, and other requirements. (40 CFR 63.6595(a)(1)).
- (2) Permittee shall comply with the following General Compliance Requirements for 40 CFR Part 63, Subpart ZZZZ (40 CFR 63.6605(a)(b))

c. NESHAP – Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (40 CFR Part 63.6612 and table 4) initial performance test

If you own or operate an existing stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions or an existing stationary RICE located at an area source of HAP emissions you are subject to the requirements of this section.

- (1) You must conduct any initial performance test or other initial compliance demonstration according to Tables 4 and 5 to this subpart that apply to you within 180 days after the compliance date that is specified for your stationary RICE in § 63.6595 and according to the provisions in § 63.7(a)(2).
- (2) An owner or operator is not required to conduct an initial performance test on a unit for which a performance test has been previously conducted, but the test must meet all of the conditions described in paragraphs (b)(1) through (4) of this section.
 - (a) The test must have been conducted using the same methods specified in this subpart, and these methods must have been followed correctly
 - (b) The test must not be older than 2 years.
 - (c) The test must be reviewed and accepted by the Administrator
 - (d) Either no process or equipment changes must have been made since the test was performed, or the owner or operator must be able to demonstrate that the results of the performance test, with or without adjustments, reliably demonstrate compliance despite process or equipment changes.
- (3) Owners or operators must comply with the following Notification requirements in 40 CFR 63.6645:
 - (a) Owners or operators of existing stationary RICE located at an area source of HAP emissions must submit all of the applicable notifications in 40 CFR 63.7(b) and (c), 63.8(e), (f)(4) and (f)(6), 63.9(b) through (e), and (g) and (h) by the dates specified (40 CFR 63.6645(a)).
 - (b) Owners or operators must submit a Notification of Intent to conduct a performance test at least 60 days before the performance test is scheduled to begin as required in 40 CFR 63.7(b)(1) (40 CFR 63.6645(g)).

d. Performance/Compliance Testing (NAC 445B.252.1)

- (1) Compliance with the numerical emission limitations established in Subpart ZZZZ is based on the results of testing the average of three 1-hour runs using the testing requirements and procedures in 40 CFR 63.6620 and Table 4 to Subpart ZZZZ (40 CFR Part 63.6603).



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Section V. Specific Operating Conditions (continued)

F. Emission Unit S2.001 (continued)

4. Monitoring, Testing and Reporting (continued)

d. Performance/Compliance Testing (continued)

- (2) You (Permittee) must conduct any initial performance test or other initial compliance demonstration according to Tables 4.3 and 5 of Subpart ZZZZ that apply to you (Permittee) within 180 days after the compliance date that is specified for your (Permittee) stationary RICE in 40 CFR 63.6595 and according to the provisions in 40 CFR 63.7(a)(2) (40 CFR 63.6612(a)).
 - (a) Method 1 in Appendix A of 40 CFR Part 60 shall be used to determine the number of traverse points.
 - (b) Method 3 in Appendix A of 40 CFR Part 60 shall be used to determine the oxygen (O₂) concentration being emitted from the sampling location.
 - (c) Method 4 in Appendix A of 40 CFR Part 60 shall be used to determine the moisture concentration being emitted from the sampling location.
 - (d) Method 320 or 323 in Appendix A of 40 CFR Part 60 shall be used to determine the formaldehyde concentration being emitted from the sampling location.
 - (e) Method 10 in Appendix A of 40 CFR Part 60 shall be used to determine the carbon monoxide concentration being emitted from the sampling location
 - (f) Conduct three separate test runs for each performance test required in 40CFR 63.6620, as specified in 40 CFR 63.7(e)(3). Each test run must last at least 1 hour (40 CFR 63.6620(d)).
 - (g) Performance tests required under this section that are conducted below the maximum allowable heat input, as established in 3.a of this section, shall be subject to the director's review to determine if the heat input during the performance tests were sufficient to provide adequate compliance demonstration. Should the director determine that the performance tests do not provide adequate compliance demonstration, the director may require additional performance testing.
 - (h) Permittee shall comply with the requirements of Section I.L.3 through I.L.8 for all performance testing

e. Owners or operators must comply with the following Reporting requirements in 40 CFR 63.6650:

- (1) Owners or operators must submit each applicable report in Table 7 of Subpart ZZZZ (40 CFR 63.6650(a)).
- (2) Unless the Administrator has approved a different schedule for submission of reports under 40 CFR 63.10(a), owners or operators must submit each report by the date in Table 7 of Subpart ZZZZ and according to the requirements in 40 CFR 63.6650(b)(1) through (b)(9).
- (3) The Compliance report must contain the following information (40 CFR 63.6650(c)):
 - (a) Company name and address (40 CFR 63.6650(c)(1)).
 - (b) Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report (40 CFR 63.6650(c)(2)).
 - (c) Date of report and beginning and ending dates of the reporting period (40 CFR 63.6650(c)(3)).
 - (d) If owners or operators had a malfunction during the reporting period, the compliance report must include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with 40 CFR 63.6605(b), including actions taken to correct a malfunction (40 CFR 63.6650(c)(4)).
 - (e) If there are no deviations from any applicable emission or operating limitations, a statement that there were no deviations from the emission or operating limitations during the reporting period (40 CFR 63.6650(c)(5)).
- (4) For each deviation from an emission or operating limitation that occurs for a stationary RICE where owners or operators are not using a CMS to comply with the emission or operating limitations in Subpart ZZZZ, the Compliance report must contain the information in paragraphs (c)(1) through (4) of 40 CFR 63.6650 and the information in paragraphs (d)(1) and (2) of 40 CFR 63.6650 (40 CFR 63.6650(d)).
- (5) The applicable reporting requirements contained 40 CFR 63.6650(e).
- (6) Owners or operators must comply with the following Recordkeeping requirements in 40 CFR 63.6655 and 63.6660:
 - (a) Owners or operators must keep the following records (40 CFR 63.6655(a)).
 - (i) A copy of each notification and report that owners or operators submitted to comply with Subpart ZZZZ, including all documentation supporting any Initial Notification or Notification of Compliance Status that they submitted, according to the requirement in 40 CFR 63.10(b)(2)(xiv) (40 CFR 63.6655(a)(1)).
 - (ii) Records of the occurrence and duration of each malfunction of operation (*i.e.*, process equipment) or the air pollution control and monitoring equipment (40 CFR 63.6655(a)(2)).
 - (iii) Records of performance tests and performance evaluations as required in 40 CFR 63.10(b)(2)(viii) (40 CFR 63.6655(a)(3)).
 - (iv) Records of all required maintenance performed on the air pollution control and monitoring equipment (40 CFR 63.6655(a)(4)).
 - (v) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation (40 CFR 63.6655(a)(5)).



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Issued to: RECK BROTHERS LLC

Section V. Specific Operating Conditions (continued)

G. Emission Units PF1.001A and PF1.002A

System 01a – Alternative Operating Scenario: Aggregate Bins Transfers (Added February 2019, Aircase # 9749)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.001A	Material Transfer to Aggregate Bins (4) (Transfer by Loader)	4,349,701	688,194
PF1.002A	Aggregate Bins (4) and Discharge to Feed Conveyor	4,349,701	688,194

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
Emissions from **PF1.001A** and **PF1.002A**, each, have no add-on controls.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
 - a. The maximum allowable throughput rate for **PF1.001A** and **PF1.002A**, each, shall not exceed **200.0** tons of aggregate per any one-hour period, nor more than **272,000.0** tons per year.
 - b. Hours
 - (1) **PF1.001A** and **PF1.002A**, each, may operate a total of **8** hours per day.
 - (2) **PF1.001A** and **PF1.002A**, each, may operate a total of **1,360** hours per year.
 - c. **PF1.001A** and **PF1.002A** shall not operate in conjunction with **PF1.001**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (*Federally Enforceable SIP Requirement*)
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.001A** and **PF1.002A**, each, the following pollutants in excess of the following specified limits:
 - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.60** pounds per hour, nor more than **0.41** tons per year.
 - b. The discharge of **PM₁₀** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.22** pounds per hour, nor more than **0.15** tons per year.
 - c. The discharge of **PM_{2.5}** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.034** pounds per hour, nor more than **0.023** tons per year.
 - d. The opacity from **PF1.001A** and **PF1.002A**, each, shall not equal or exceed **20** percent in accordance with NAC 445B.22017.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
 - a. Monitor and record the throughput for **PF1.001A** and **PF1.002A**, each, on a daily basis.
 - b. Monitor and record the hours of operation for **PF1.001A** and **PF1.002A**, each, on a daily basis.
 - c. The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
 - d. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined at the end of each month as the sum of the monthly hours of operation for all previous months of that year.
 - e. The Permittee, upon issuance of this operating permit, shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. (40 CFR 60.7(b))
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart I – Standards of Performance for Hot Mix Asphalt Facilities (40 CFR Part 60.90)
 - a. On and after the date on which the performance test required to be conducted for **PF1.001A** and **PF1.002A**, each, is completed, the Permittee subject to the provisions of this subpart shall not discharge or cause the discharge into the atmosphere gasses which:
 - (1) Exhibit **20** percent opacity, or greater.
 - b. The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
 - c. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.001A** and **PF1.002A**, each, including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))



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Section V. Specific Operating Conditions (continued)

H. Emission Units PF1.006 and PF1.003A

Table with 4 columns: System, Description, Location UTM (Zone 11, NAD 83) m North, Location UTM (Zone 11, NAD 83) m East. Rows include System 02a - Alternative Operating Scenario: Scalp Screen and Associated Transfers (Added February 2019, Aircase # 9749), PF1.006, and PF1.003A.

- 1. Air Pollution Control Equipment (NAC 445B.346(1)) (Federally Enforceable SIP Requirement) Emissions from PF1.006 and PF1.003A, each, have no add-on controls.
2. Operating Parameters (NAC 445B.346(1)) (Federally Enforceable SIP Requirement)
a. The maximum allowable throughput rate for PF1.006 and PF1.003A, each, shall not exceed 200.0 tons of aggregate per any one-hour period, nor more than 272,000.0 tons per year.
b. Hours
(1) PF1.006 and PF1.003A, each, may operate a total of 8 hours per day.
(2) PF1.006 and PF1.003A, each, may operate a total of 1,360 hours per year.
c. PF1.006 and PF1.003A shall not operate in conjunction with PF1.002 and PF1.003.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B. 22017) (Federally Enforceable SIP Requirement)
a. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from PF1.006 the following pollutants in excess of the following specified limits:
(1) The discharge of PM (particulate matter) to the atmosphere shall not exceed 5.00 pounds per hour, nor more than 3.40 tons per year.
(2) The discharge of PM10 (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed 1.74 pounds per hour, nor more than 1.18 tons per year.
(3) The discharge of PM2.5 (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed 0.26 pounds per hour, nor more than 0.18 tons per year.
b. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from PF1.003A the following pollutants in excess of the following specified limits:
(1) The discharge of PM (particulate matter) to the atmosphere shall not exceed 0.60 pounds per hour, nor more than 0.41 tons per year.
(2) The discharge of PM10 (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed 0.22 pounds per hour, nor more than 0.15 tons per year.
(3) The discharge of PM2.5 (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed 0.034 pounds per hour, nor more than 0.023 tons per year.
c. The opacity from PF1.006 and PF1.003A, each, shall not equal or exceed 20 percent in accordance with NAC 445B.22017.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (Federally Enforceable SIP Requirement)
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
a. Monitor and record the throughput for PF1.006 and PF1.003A, each, on a daily basis.
b. Monitor and record the hours of operation for PF1.006 and PF1.003A, each, on a daily basis.
c. The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
d. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined at the end of each month as the sum of the monthly hours of operation for all previous months of that year.
e. The Permittee, upon issuance of this operating permit, shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. (40 CFR 60.7(b))
5. Federal Requirements (NAC 445B.346(2)) (Federally Enforceable SIP Requirement)
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart I – Standards of Performance for Hot Mix Asphalt Facilities (40 CFR Part 60.90)
a. On and after the date on which the performance test required to be conducted for PF1.006 and PF1.003A, each, is completed, the Permittee subject to the provisions of this subpart shall not discharge or cause the discharge into the atmosphere gasses which:
(1) Exhibit 20 percent opacity, or greater.
b. The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
c. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate PF1.006 and PF1.003A, each, including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))



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Section V. Specific Operating Conditions (continued)

I. Emission Units S2.001A and PF1.007

Table with 3 columns: System 03a - Alternative Operating Scenario: Drum Mixer (Added February 2019, Aircase # 9749), Location UTM (Zone 11, NAD 83) m North, Location UTM (Zone 11, NAD 83) m East. Rows include S2.001A Drum Mixer and PF1.007 Drum Mixer Discharge to Slat Conveyor.

- 1. Air Pollution Control Equipment (NAC 445B.346(1)) (Federally Enforceable SIP Requirement)
a. Emissions from S2.001A shall be controlled by a baghouse.
b. Emissions from PF1.007 have no add-on controls.
c. Descriptive Stack Parameters for S2.001A
Stack Height: 40.0 feet
Stack Diameter: 3.0 feet
Stack Temperature: 300 °F
Exhaust Flow: 20,798 dry standard cubic feet per minute (dscfm)
2. Operating Parameters (NAC 445B.346(1)) (Federally Enforceable SIP Requirement)
a. The maximum allowable throughput rate for S2.001A and PF1.007, each, shall not exceed 200.0 tons of aggregate and asphalt oil per any one-hour period, nor more than 272,000.0 tons per year.
b. S2.001A may consume only diesel.
c. The maximum allowable fuel consumption rate for S2.001A shall not exceed 928.0 gallons per any one-hour period.
d. Hours
(1) S2.001A and PF1.007, each, may operate a total of 8 hours per day.
(2) S2.001A and PF1.007, each, may operate a total of 1,360 hours per year.
e. S2.001A and PF1.007 shall not operate in conjunction with S2.001.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B.22017) (Federally Enforceable SIP Requirement)
a. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from S2.001A the following pollutants in excess of the following specified limits:
(1) The discharge of PM (particulate matter) to the atmosphere shall not exceed 7.13 pounds per hour, nor more than 4.85 tons per year.
(2) The discharge of PM10 (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed 7.13 pounds per hour, nor more than 4.85 tons per year.
(3) The discharge of PM2.5 (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed 7.13 pounds per hour, nor more than 4.85 tons per year.
(4) The discharge of NOx (oxides of nitrogen) to the atmosphere shall not exceed 11.00 pounds per hour, nor more than 7.48 tons per year.
(5) The discharge of SO2 (sulfur dioxide) to the atmosphere shall not exceed 2.20 pounds per hour, nor more than 1.50 tons per year.
(6) The discharge of CO (carbon monoxide) to the atmosphere shall not exceed 26.0 pounds per hour, nor more than 17.68 tons per year.
(7) The discharge of VOC (volatile organic compound) to the atmosphere shall not exceed 6.40 pounds per hour, nor more than 4.35 tons per year.
b. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from PF1.007 the following pollutants in excess of the following specified limits:
(1) The discharge of PM (particulate matter) to the atmosphere shall not exceed 0.10 pounds per hour, nor more than 0.071 tons per year.
(2) The discharge of PM10 (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed 0.10 pounds per hour, nor more than 0.071 tons per year.
(3) The discharge of PM2.5 (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed 0.10 pounds per hour, nor more than 0.071 tons per year.
(4) The discharge of CO (carbon monoxide) to the atmosphere shall not exceed 0.27 pounds per hour, nor more than 0.18 tons per year.
(5) The discharge of VOC (volatile organic compound) to the atmosphere shall not exceed 0.83 pounds per hour, nor more than 0.57 tons per year.
c. The opacity from S2.001A and PF1.007, each, shall not equal or exceed 20 percent in accordance with NAC 445B.22017.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (Federally Enforceable SIP Requirement)
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
a. Monitor and record the throughput for S2.001A and PF1.007, each, on a daily basis.
b. Monitor and record the hours of operation for S2.001A and PF1.007, each, on a daily basis.
c. The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.



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Section V. Specific Operating Conditions (continued)

I. Emission Units S2.001A and PF1.007 (continued)

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*) (continued)
 - d. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined at the end of each month as the sum of the monthly hours of operation for all previous months of that year.
 - e. Conduct and record an observation of visible emissions (excluding water vapor) on the baghouse controlling **S2.001A** on a **monthly** basis while operating. The observer shall stand at a distance sufficient to provide a clear view of the emissions with the sun oriented to their back. If visible emissions are observed and exceed the applicable opacity standard, the Permittee shall take immediate corrective action. The Permittee shall maintain in a contemporaneous log the following recordkeeping: the calendar date of any required monitoring, results of the monthly observation of visible emissions, and any corrective actions taken.
 - f. Inspect the baghouse installed on **S2.001A** in accordance with the manufacturer's operation and maintenance manual and record the results (e.g. the condition of the filter fabric) and any corrective actions taken.
 - g. The Permittee, upon issuance of this operating permit, shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. (40 CFR 60.7(b))

5. Performance and Compliance Testing (NAC 445B.346(2), NAC 445B.252(1)) (*Federally Enforceable SIP Requirement*)

The Permittee, upon issuance of this operating permit, shall conduct renewal performance testing for **S2.001A** at least 90 days prior to the expiration of this operating permit, but no earlier than 365 days from the date of expiration of this operating permit, and every 5 years thereafter, in accordance with the following:

 - a. All opacity compliance demonstrations and performance tests must comply with the advance notification, protocol review, operational conditions, reporting, and other requirements of Section I.H. Testing and Sampling (NAC 445B.252) of this operating permit. Material sampling must be conducted in accordance with protocols approved by the Director. All performance test results shall be based on the arithmetic average of three valid runs (NAC 445B.252(5)).
 - b. Testing shall be conducted on the exhaust stack (post controls).
 - c. Method 5 in Appendix A of 40 CFR Part 60 shall be used to determine PM emissions. The sample volume for each test run shall be at least 1.7 dscm (60 dscf). Test runs must be conducted for up to two hours in an effort to collect this minimum sample.
 - d. Method 201A in Appendix M of 40 CFR Part 51 shall be used to determine PM₁₀ and PM_{2.5} emissions. The sample time and sample volume collected for each test run shall be sufficient to collect enough mass to weigh accurately.
 - e. The Method 201A test required in this section may be replaced by a Method 5 in Appendix A of 40 CFR Part 60. All particulate captured in the Method 5 test performed under this provision shall be considered PM_{2.5} for determination of compliance.
 - f. Method 9 in Appendix A of 40 CFR Part 60 shall be used to determine opacity. Opacity observations shall be conducted concurrently with the applicable performance test. The minimum total time of observations shall be six minutes (24 consecutive observations recorded at 15 second intervals), unless otherwise specified by an applicable subpart.

6. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)

New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart I – Standards of Performance for Hot Mix Asphalt Facilities (40 CFR Part 60.90)

 - a. On and after the date on which the performance test required to be conducted for **S2.001A** is completed, the Permittee subject to the provisions of this subpart shall not discharge or cause the discharge into the atmosphere gasses which:
 - (1) Contain particulate matter in excess of **90 mg/dscm** (0.04 gr/dscf). (40 CFR Part 60.92(a)(1))
 - (2) Exhibit **20** percent opacity, or greater.
 - b. On and after the date on which the performance test required to be conducted for **PF1.007** is completed, the Permittee subject to the provisions of this subpart shall not discharge or cause the discharge into the atmosphere gasses which:
 - (1) Exhibit **20** percent opacity, or greater.
 - c. The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
 - d. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **S2.001A and PF1.007, each**, including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))



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Section V. Specific Operating Conditions (continued)

J. Emission Unit PF1.004A

System 04a – Alternative Operating Scenario: Slat Conveyor and Discharge to Asphalt Silo (Added February 2019, Aircase # 9749)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.004A	Slat Conveyor and Discharge to Asphalt Silo	4,349,721	688,176

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
Emissions from **PF1.004A** have no add-on controls.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
 - a. The maximum allowable throughput rate for **PF1.004A** shall not exceed **200.0** tons of **asphalt mix** per any one-hour period, nor more than **272,000.0** tons per year.
 - b. Hours
 - (1) **PF1.004A** may operate a total of **8** hours per day.
 - (2) **PF1.004A** may operate a total of **1,360** hours per year.
 - c. **PF1.004A** shall not operate in conjunction with **PF1.004**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B. 22017) (*Federally Enforceable SIP Requirement*)
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.004A** the following pollutants in excess of the following specified limits:
 - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.12** pounds per hour, nor more than **0.080** tons per year.
 - b. The discharge of **PM₁₀** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.12** pounds per hour, nor more than **0.080** tons per year.
 - c. The discharge of **PM_{2.5}** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.12** pounds per hour, nor more than **0.080** tons per year.
 - d. The discharge of **CO** (carbon monoxide) to the atmosphere shall not exceed **0.24** pounds per hour, nor more than **0.16** tons per year.
 - e. The discharge of **VOC** (volatile organic compound) to the atmosphere shall not exceed **2.44** pounds per hour, nor more than **1.66** tons per year.
 - f. The opacity from **PF1.004A** shall not equal or exceed **20** percent in accordance with NAC 445B.22017.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
 - a. Monitor and record the throughput for **PF1.004A** on a daily basis.
 - b. Monitor and record the hours of operation for **PF1.004A** on a daily basis.
 - c. The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
 - d. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined at the end of each month as the sum of the monthly hours of operation for all previous months of that year.
 - e. The Permittee, upon issuance of this operating permit, shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. (40 CFR 60.7(b))
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart I – Standards of Performance for Hot Mix Asphalt Facilities (40 CFR Part 60.90)
 - a. On and after the date on which the performance test required to be conducted for **PF1.004A** is completed, the Permittee subject to the provisions of this subpart shall not discharge or cause the discharge into the atmosphere gasses which:
 - (1) Exhibit **20** percent opacity, or greater.
 - b. The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
 - c. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.004A** including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))



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Section V. Specific Operating Conditions (continued)

K. Emission Unit PF1.005A

System 05a – Alternative Operating Scenario: Asphalt Silo and Discharge to Trucks (Added February 2019, Aircase # 9749)		Location UTM (Zone 11, NAD 83)	
		m North	m East
PF1.005A	Asphalt Silo and Discharge to Trucks	4,349,721	688,176

1. Air Pollution Control Equipment (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
Emissions from **PF1.005A** have no add-on controls.
2. Operating Parameters (NAC 445B.346(1)) (*Federally Enforceable SIP Requirement*)
 - a. The maximum allowable throughput rate for **PF1.005A** shall not exceed **200.0** tons of **asphalt mix** per any one-hour period, nor more than **272,000.0** tons per year.
 - b. Hours
 - (1) **PF1.005A** may operate a total of **8** hours per day.
 - (2) **PF1.005A** may operate a total of **1,360** hours per year.
 - c. **PF1.005A** shall not operate in conjunction with **PF1.005**.
3. Emission Limits (NAC 445B.305, NAC 445B.346(1), NAC 445B. 22017) (*Federally Enforceable SIP Requirement*)
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **PF1.005A** the following pollutants in excess of the following specified limits:
 - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.10** pounds per hour, nor more than **0.071** tons per year.
 - b. The discharge of **PM₁₀** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.10** pounds per hour, nor more than **0.071** tons per year.
 - c. The discharge of **PM_{2.5}** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.10** pounds per hour, nor more than **0.071** tons per year.
 - d. The discharge of **CO** (carbon monoxide) to the atmosphere shall not exceed **0.27** pounds per hour, nor more than **0.18** tons per year.
 - e. The discharge of **VOC** (volatile organic compound) to the atmosphere shall not exceed **0.83** pounds per hour, nor more than **0.57** tons per year.
 - f. The opacity from **PF1.005A** shall not equal or exceed **20** percent in accordance with NAC 445B.22017.
4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
 - a. Monitor and record the throughput for **PF1.005A** on a daily basis.
 - b. Monitor and record the hours of operation for **PF1.005A** on a daily basis.
 - c. The corresponding average hourly throughput rate in tons per hour. The average hourly throughput rate shall be determined from the total daily throughput and the total daily hours of operation.
 - d. Monitor and record the total yearly hours of operation per year. The annual hours of operation shall be determined at the end of each month as the sum of the monthly hours of operation for all previous months of that year.
 - e. The Permittee, upon issuance of this operating permit, shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. (40 CFR 60.7(b))
5. Federal Requirements (NAC 445B.346(2)) (*Federally Enforceable SIP Requirement*)
New Source Performance Standards (NSPS) – 40 CFR Part 60 Subpart I – Standards of Performance for Hot Mix Asphalt Facilities (40 CFR Part 60.90)
 - a. On and after the date on which the performance test required to be conducted for **PF1.005A** is completed, the Permittee subject to the provisions of this subpart shall not discharge or cause the discharge into the atmosphere gasses which:
 - (1) Exhibit **20** percent opacity, or greater.
 - b. The opacity standard set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction (40 CFR Part 60.11(c)).
 - c. At all times, including periods of startup, shutdown, and malfunction, Permittee shall, to the extent practicable, maintain and operate **PF1.005A** including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR Part 60.11(d))



BUREAU OF AIR POLLUTION CONTROL

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Issued to: RECK BROTHERS LLC

Section V. Specific Operating Conditions (continued)

L. Emission Unit S2.002A

System 06a – Alternative Operating Scenario: 1,662 hp Caterpillar Diesel Generator (Added February 2019, Aircase # 9749)		Location UTM (Zone 11, NAD 83)	
		m North	m East
S2.002A	1,662 hp Caterpillar Diesel Generator (Model: 3412, Mfd. 1999)	4,349,701	688,175

1. Air Pollution Control Equipment (NAC 445B.346.1) (Federally Enforceable SIP Requirement)
 - a. **S2.002A** has no add-on controls.
 - b. Descriptive Stack Parameters
Stack Height: 12.0 feet
Stack Diameter: 0.82 feet
Stack Temperature: 979 °F

2. Operating Parameters (NAC 445B.346.1) (Federally Enforceable SIP Requirement)
 - a. **S2.002A** may consume only **diesel**.
 - b. The maximum allowable fuel consumption rate for **S2.002A** shall not exceed **81.63 gallons** per any one-hour period.
 - c. Hours
 - (1) **S2.002A** may operate a total of **8 hours** per day.
 - (2) **S2.002A** may operate a total of **1,360 hours** per year.
 - d. **S2.002A** shall not operate in conjunction with **S2.002**.

3. Emission Limits (NAC 445B.305, NAC 445B.346.1, NAC 445B. 22017) (Federally Enforceable SIP Requirement)
The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **S2.002A** the following pollutants in excess of the following specified limits:
 - a. The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **0.86 pounds** per hour, nor more than **0.58 tons** per year.
 - b. The discharge of **PM₁₀** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **0.86 pounds** per hour, nor more than **0.58 tons** per year.
 - c. The discharge of **PM_{2.5}** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **0.86 pounds** per hour, nor more than **0.58 tons** per year.
 - d. The discharge of **SO₂** (sulfur dioxide) to the atmosphere shall not exceed **0.017 pounds** per hour, nor more than **0.012 tons** per year.
 - e. The discharge of **NO_x** (oxides of nitrogen) to the atmosphere shall not exceed **31.58 pounds** per hour, nor more than **21.47 tons** per year.
 - f. The discharge of **CO** (carbon monoxide) to the atmosphere shall not exceed **4.71 pounds** per hour, nor more than **3.20 tons** per year.
 - g. The discharge of **VOCs** (volatile organic compounds) to the atmosphere shall not exceed **0.56 pounds** per hour, nor more than **0.38 tons** per year.
 - h. The opacity from **S2.002A** shall not equal or exceed **20 percent**.

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.346.2) (Federally Enforceable SIP Requirement)
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
 - a. Monitor and record the total daily hours of operation for **S2.002A** for each day of operation.
 - b. Monitor and record the consumption rate of **diesel** on a daily basis for **S2.002A** (in **gallons**) by multiplying the maximum hourly fuel consumption rate as stated in **L.2.b** of this section and the total daily hours of operation.
 - c. Monitor and record the total yearly hours of operation of **S2.002A** per year. The annual hours of operation shall be determined at the end of each month as the sum of the monthly hours of operation for all previous months of that year.

5. Federal Requirements (NAC 445B.346.2) (Federally Enforceable SIP Requirement)
National Emissions Standards for Hazardous Air Pollutants (NESHAP) – 40 CFR Part 63 Subpart ZZZZ – for Stationary Reciprocating Internal Combustion Engines
 - a. Emissions Limitations, Management Practices and Other Requirements (40 CFR 63.6603(a), Table 2d, Table 2b)
The Permittee must comply with the following requirements, except during periods of startup:
 - (1) Limit concentration of CO in the stationary RICE exhaust to 23 ppmvd at 15 percent O₂; or
 - (2) Reduce CO emissions by 70 percent or more.
 - (3) Existing CI stationary RICE >500 HP complying with the requirement to limit or reduce the concentration of CO in the stationary RICE exhaust and using an oxidation catalyst must:
 - (a) Maintain your catalyst so that the pressure drop across the catalyst does not change by more than 2 inches of water from the pressure drop across the catalyst that was measured during the initial performance test; and
 - (b) Maintain the temperature of your stationary RICE exhaust so that the catalyst inlet temperature is greater than or equal to 450 °F and less than or equal to 1350 °F.

**BUREAU OF AIR POLLUTION CONTROL****Facility ID No. A0480****Permit No. AP1611-0835.03****CLASS II AIR QUALITY OPERATING PERMIT****Issued to: RECK BROTHERS LLC****Section V. Specific Operating Conditions (continued)****L. Emission Unit S2.002A (continued)**

5. Federal Requirements (NAC 445B.346.2) (*Federally Enforceable SIP Requirement*) (continued)
National Emissions Standards for Hazardous Air Pollutants (NESHAP) – 40 CFR Part 63 Subpart ZZZZ – for Stationary Reciprocating Internal Combustion Engines (continued)
- b. Fuel Requirements (40 CFR 63.6604, 80.510(b))
The Permittee must meet the following diesel requirements for non-road engines:
- (1) Sulfur content to be 15 parts per million (ppm) maximum.
 - (2) Cetane index or aromatic content as follows:
 - (a) A minimum cetane index of 40; or
 - (b) A maximum aromatic content of 35 volume percent.
- c. Performance Tests (40 CFR 63.6612, 40 CFR 63.6620, 40 CFR 63.6625, 40 CFR 63.6645, Table 3, Table 4, Table 5)
- (1) The Permittee must conduct the following performance tests to reduce CO emissions: (40 CFR 63.6620(a), Table 4)
 - (a) Select the sampling port location and the number/location of traverse points at the inlet and outlet of the control device. For CO and O₂ measurement, ducts ≤6 inches in diameter may be sampled at a single point located at the duct centroid and ducts >6 and ≤12 inches in diameter may be sampled at 3 traverse points located at 16.7, 50.0, and 83.3% of the measurement line ('3-point long line'). If the duct is >12 inches in diameter and the sampling port location meets the two and half-diameter criterion of Section 11.1.1 of Method 1 of 40 CFR Part 60, appendix A-1, the duct may be sampled at '3-point long line'; otherwise, conduct the stratification testing and select sampling points according to Section 8.1.2 of Method 7E of 40 CFR Part 60, appendix A-4.
 - (b) Measure the O₂ at the inlet and outlet of the control device using Method 3 or 3A or 3B of 40 CFR Part 60, appendix A-2, or ASTM Method D6522-00. Measurements to determine O₂ must be made at the same time as the measurements for CO concentration.
 - (c) Measure the CO at the inlet and the outlet of the control device using ASTM D6522-00 or Method 10 of 40 CFR Part 60, appendix A-4. The CO concentration must be at 15 percent O₂, dry basis.
 - (2) Existing CI stationary RICE >500 HP complying with the requirement to reduce CO emissions and using oxidation catalyst, and using a CPMS must: (Table 5)
 - (a) The average reduction of emissions of CO determined from the initial performance test achieves the required CO percent reduction; and
 - (b) You have installed a CPMS to continuously monitor catalyst inlet temperature according to the requirements in §63.6625(b); and
 - (c) You have recorded the catalyst pressure drop and catalyst inlet temperature during the initial performance test.
 - (3) If the Permittee is required to conduct a performance test, the Permittee must submit a Notification of Intent to conduct a performance test at least 60 days before the performance test is scheduled to begin as required in §63.7(b)(1). (40 CFR 63.6645(g)).
 - (4) If the Permittee is required to conduct a performance test or other initial compliance demonstration as specified in Tables 4 and 5 to this subpart, the Permittee must submit a Notification of Compliance Status according to §63.9(h)(2)(ii). (40 CFR 63.6645(h)).
 - (5) Each performance test must be conducted according to **L.5.c** of this section. The Permittee does not need to start up the engine solely to conduct the performance test. The Permittee of a non-operational engine can conduct the performance test when the engine is started up again. (40 CFR 63.6620(b)).
 - (6) The Permittee must conduct three separate tests runs for each performance test. Each test run must last at least 1 hour. (40 CFR 63.6620(d)).
 - (7) If the Permittee is required to install a continuous parameter monitoring system (CPMS) as specified in Table 5 of this subpart, you must install, operate, and maintain each CPMS according to the requirements in 40 CFR 63.6625(b)(1) through (6). For an affected source that is complying with the emission limitations and operating limitations on March 9, 2011, the requirements in paragraph (b) of this section are applicable September 6, 2011. (40 CFR 63.6625(b))
 - (8) The Permittee must comply with the following subsequent performance test requirements: (40 CFR 63.6615, Table 3)
 - (a) Existing non-emergency, non-black start CI stationary RICE >500 HP that are not limited use complying with the requirement to limit or reduce CO emissions and not using a CEMS must conduct subsequent performance tests every 8,760 hours or 3 years, whichever comes first.
- d. Monitoring, Installation, Collection, Operation, and Maintenance Requirements (40 CFR 63.6625)
- (1) If the stationary RICE is not equipped with a closed crankcase ventilation system, the Permittee must comply with either **L.5.d.(1)(a)** or **(b)** of this section. Owners and operators must follow the manufacturer's specified maintenance requirements for operating and maintaining the open or closed crankcase ventilation systems and replacing the crankcase filters, or can request the Administrator to approve different maintenance requirements that are as protective as manufacturer requirements. (40 CFR 63.6625(g))
 - (a) Install a closed crankcase ventilation system that prevents crankcase emissions from being emitted to the atmosphere. (40 CFR 63.6625(g)(1))
 - (b) Install an open crankcase filtration emission control system that reduces emissions from the crankcase by filtering the exhaust stream to remove oil mist, particulates and metals. (40 CFR 63.6625(g)(2))
 - (2) The Permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup in **L.5.a** of this section. (40 CFR 63.6625(h))



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Section V. Specific Operating Conditions (continued)

L. Emission Unit S2.002A (continued)

5. Federal Requirements (NAC 445B.346.2) (*Federally Enforceable SIP Requirement*) (continued)
National Emissions Standards for Hazardous Air Pollutants (NESHAP) – 40 CFR Part 63 Subpart ZZZZ – for Stationary Reciprocating Internal Combustion Engines (continued)
- e. Compliance Requirements (40 CFR 63.6605, 63.6640)
- (1) The Permittee must be in compliance with the emission limitations, operating limitations, and other requirements in Subpart ZZZZ that apply at all times. (40 CFR Part 63.6605(a))
 - (2) The Permittee must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the Permittee to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. (40 CFR Part 63.6605(b))
 - (3) The Permittee must also report each instance in which they did not meet the requirements in Table 8 to Subpart ZZZZ that apply. (40 CFR 63.6640(e))
- f. Recordkeeping Requirements (40 CFR Part 63.6655)
The Permittee must keep the following records:
- (1) A copy of each notification and report that the Permittee submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirement in 40 CFR Part 63.10(b)(2)(xiv). (40 CFR 63.6655(a)(1))
 - (2) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. (40 CFR 63.6655(a)(2))
 - (3) Records of performance tests and performance evaluations as required in 40 CFR Part 63.10(b)(2)(viii). (40 CFR 63.6655(a)(3))
 - (4) Records of all required maintenance performed on the RICE and any air pollution control and monitoring equipment. (40 CFR 63.6655(a)(4))
 - (5) Records of actions taken during periods of malfunction to minimize emissions in accordance with **L.5.e.(2)** of this section including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.
- g. Reporting Requirements (40 CFR Part 63.6650, Table 7)
The Permittee must submit a Compliance report. The report must contain:
- (1) If there are no deviations from any emission limitations or operating limitations that apply to the Permittee, a statement that there were no deviations from the emission limitations or operating limitations during the reporting period. If there were no periods during which the CMS, including CEMS and CPMS, was out-of-control, as specified in §63.8(c)(7), a statement that there were not periods during which the CMS was out-of-control during the reporting period; the Permittee must submit:
 - (a) Semiannually according to the requirements in §63.6650(b)(1)-(5) for engines that are not limited use stationary RICE subject to numerical emission limitations; and
 - (b) Annually according to the requirements in §63.6650(b)(6)-(9) for engines that are limited use stationary RICE subject to numerical emission limitations.
 - (2) If the Permittee had a deviation from any emission limitation or operating limitation during the reporting period, the information in §63.6650(d). If there were periods during which the CMS, including CEMS and CPMS, was out-of-control, as specified in §63.8(c)(7), the information in §63.6650(e); the Permittee must submit:
 - (a) Semiannually according to the requirements in §63.6650(b).
 - (3) If the Permittee had a malfunction during the reporting period, the information in §63.6650(c)(4), the Permittee must submit:
 - (a) Semiannually according to the requirements in §63.6650(b).

*******End of Specific Operating Conditions*******



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Section VI. Emission Caps

A. No Emission Caps Defined.

*****End of Emission Caps*****



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Section VII. Surface Area Disturbance Conditions

Surface area disturbance in excess of 5 acres but less than 20 acres.

A. Fugitive Dust (NAC 445B.22037)

1. Permittee may not cause or permit the handling, transporting, or storing of any material in a manner which allows or may allow controllable particulate matter to become airborne.
2. Except as otherwise provided in subsection 4, Permittee may not cause or permit the construction, repair, demolition, or use of unpaved or untreated areas without first putting into effect an ongoing program using the best practical methods to prevent particulate matter from becoming airborne. As used in this subsection, "best practical methods" includes, but is not limited to, paving, chemical stabilization, watering, phased construction, and revegetation.
3. Except as provided in subsection 4, Permittee may not disturb or cover 5 acres or more of land or its topsoil until Permittee has obtained an Operating Permit for surface area disturbance to clear, excavate, or level the land or to deposit any foreign material to fill or cover the land.
4. The provisions of subsections 2 and 3 do not apply to:
 - a. Agricultural activities occurring on agricultural land; or
 - b. Surface disturbances authorized by a permit issued pursuant to NRS 519A.180 which occur on land which is not less than 5 acres or more than 20 acres.

*****End of Surface Area Disturbance Conditions*****



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Section VIII. Schedules of Compliance

A. N/A

*****End of Schedule of Compliance Conditions*****



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Section IX. Amendments

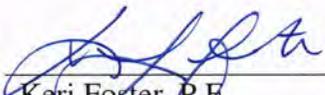
February 2019: Aircase 9749 – Added the following systems and emission units:

- System 1a, PF1.001A and PF1.002A
- System 2a, PF1.006 & PF1.003A
- System 3a, S2.001A & PF1.007
- System 4a, PF1.004A
- System 5a, PF1.005A
- System 6a, S2.002A
- IA1.003 – IA1.005

This permit:

1. **Is non-transferable. (NAC 445B.287.3)**
2. **Will be posted conspicuously at or near the stationary source. (NAC 445B.318.5)**
3. **Will expire and be subject to renewal five (5) years from:** May 4, 2014 .
(NAC 445B.315)
4. **A completed application for renewal of an operating permit must be submitted to the director on the form provided by him with the appropriate fee at least 70 calendar days before the expiration date of this operating permit. (NAC 445B.3473.2)**
5. **Any party aggrieved by the Department’s decision to issue this permit may appeal to the State Environmental Commission (SEC) within ten days after the date of notice of the Department’s action. (NRS 445B.340)**

THIS PERMIT EXPIRES ON: May 4, 2019

Signature 
Issued by: Keri Foster, P.E.
 Supervisor, Permitting Branch
 Nevada Bureau of Air Pollution Control

Phone: (775) 687-9388 **Date:** February 20, 2019

sd bkk
02/19 04/14

CLASS II NON-PERMIT EQUIPMENT LIST

Appended to Permit #AP1611-0835.03

Emission Unit #	Emission Unit Description
IA1.001	Storage tank for AC 20, 20,000 gallon capacity
IA1.002	Storage tank for SC 800, 20,000 gallon capacity
IA1.003	4,000 gallon Diesel Storage Tank (Added February 2019, Aircase # 9749)
IA1.004	23,000 gallon Asphalt Oil Storage Tank (Added February 2019, Aircase # 9749)
IA1.005	30,000 gallon Asphalt Oil Storage Tank (Added February 2019, Aircase # 9749)