

United States Environmental Protection Agency
Region 10, Air & Radiation Division
1200 Sixth Avenue, Suite 155, 15-H13
Seattle, Washington 98101-3123

Permit Number: R10NT502401
Issued: August 22, 2013
Revised: September 24, 2019
AFS Plant ID Number: 41059E0002

Non-Title V Air Quality Operating Permit

Is issued in accordance with the provisions of the Federal Air Rules for Reservations (FARR), 40 CFR § 49.139, and applicable rules and regulations to

Interstate Concrete & Asphalt - Pendleton

for operations in accordance with the conditions in this permit at the following location:

Umatilla Indian Reservation
73569 McKay Lane
Pendleton, OR 97801

Local Individual Responsible
for Compliance:

Terry L. Clark
Interstate Concrete & Asphalt
P.O. Box 38
Pendleton, Oregon 97801
Phone: 541-276-7885
Fax: 541-276-7886
Email:
terry@pioneerasphaltinc.com

A technical support document that describes the bases for conditions contained in this permit is also available.

/s/

Kelly McFadden, Branch Chief
Air & Radiation Division
U.S. Environmental Protection Agency, Region 10

September 24, 2019

Date

1. General Conditions

- 1.1. For purposes of this permit, the permitted source includes a hot mix asphalt plant and aggregate handling and crushing activities.
- 1.2. The permittee shall comply with all conditions of this permit and any site-specific approval conditions. Any permit noncompliance constitutes a violation of the Clean Air Act.
- 1.3. Compliance with all conditions in this permit and any site-specific approval conditions allows the permitted source to operate at the following location:

Umatilla Indian Reservation
73569 McKay Lane
Pendleton, Oregon 97801

- 1.4. Compliance with the terms of this permit does not relieve or exempt the permittee from compliance with other applicable federal, tribal, state or local laws or regulations.

2. Emission Limits and Work Practice Requirements

- 2.1. Permitted Source Carbon Monoxide (CO) Emission Limit. Source-wide CO emissions shall not exceed 80 tons per year as determined on a rolling 12-month basis by calculating the emissions (tons) for each month and adding the emissions (tons) calculated for the previous 11 months. Monthly CO emissions shall be determined by multiplying appropriate emission factors (lb/unit) by the actual monthly operation/production rates (units/month) and dividing by 2000 lb/ton.
- 2.2. Permitted Source Particulate Matter (PM) Emission Limit. Source-wide PM emissions shall not exceed 200 tons per year as determined on a rolling 12-month basis by calculating the emissions (tons) for each month and adding the emissions (tons) calculated for the previous 11 months. Monthly PM emissions shall be determined by multiplying appropriate emission factors (lb/unit) by the actual monthly operation/production rates (units/month) and dividing by 2000 lb/ton.
- 2.3. Permitted Source Particulate Matter < 10 micrometers (PM10) Emission Limit. Source-wide PM10 emissions shall not exceed 80 tons per year as determined on a rolling 12-month basis by calculating the emissions (tons) for each month and adding the emissions (tons) calculated for the previous 11 months. Monthly PM10 emissions shall be determined by multiplying appropriate emission factors (lb/unit) by the actual monthly operation/production rates (units/month) and dividing by 2000 lb/ton.
- 2.4. Permitted Source Particulate Matter < 2.5 micrometers (PM2.5) Emission Limit. Source-wide PM2.5 emissions shall not exceed 80 tons per year as determined on a rolling 12-month basis by calculating the emissions (tons) for each month and adding the emissions (tons) calculated for the previous 11 months. Monthly PM2.5 emissions shall be determined by multiplying appropriate emission factors (lb/unit) by the actual monthly operation/production rates (units/month) and dividing by 2000 lb/ton.
- 2.5. Fuel Limitation. The permittee is limited to combusting only propane or natural gas fuel in the asphalt drum dryer and asphalt tank heater.

- 2.6. Good Operation. All fuel burning equipment and the drum dryer baghouse control device shall be maintained in good operating condition. The drum dryer exhaust shall be routed to the baghouse control device at all times. The drum dryer baghouse control device shall be operated at all times that the drum dryer operates.

3. Monitoring and Recordkeeping Requirements

- 3.1. Visible Emission Monitoring and Recordkeeping. The permittee shall monitor and record visible emissions of particulate matter as described in Conditions 3.2 through 3.5.
- 3.2. Once each day, the permittee shall visually survey the drum dryer baghouse stack for the presence of visible emissions of particulate matter.
- 3.2.1. The observer conducting the visual survey must be trained and knowledgeable regarding the effects of background contrast, ambient lighting, observer position relative to lighting and wind, and the presence of uncombined water on the visibility of emissions (see 40 CFR part 60, Appendix A, Test Method 22).
- 3.2.2. For the surveys, the observer shall select a position that enables a clear view of the emission point to be surveyed, that is at least 15 feet, but not more than 0.25 miles, from the emission point, and where the sunlight is not shining directly in the observer's eyes.
- 3.2.3. The observer shall observe emissions from the emission point for at least 15 seconds.
- 3.2.4. Any visible emissions of particulate matter other than uncombined water shall be recorded as a positive reading associated with the emission unit.
- 3.2.5. Surveys shall be conducted while the drum dryer is operating and during daylight hours.
- 3.3. If the survey conducted under Condition 3.2 identifies any visible emissions of particulate matter, the permittee shall:
- 3.3.1. Immediately upon conclusion of the visual observation in Condition 3.2, investigate the source and reason for the presence of visible emissions; and
- 3.3.2. As soon as practicable, take appropriate corrective action.
- 3.4. If the corrective actions undertaken pursuant to Condition 3.3.2 do not eliminate the visible emissions, the permittee shall within 24 hours of the initial survey conduct a visible emissions observation of the emission source in question for thirty minutes using EPA Test Method 9 (see 40 CFR part 60, Appendix A).
- 3.5. The permittee shall maintain records of the following:
- 3.5.1. Details of each visual survey and visible emissions observation, including date, time, observer and results;
- 3.5.2. Date, time and type of any investigation conducted pursuant to Condition 3.3.1;
- 3.5.3. Findings of the investigation, including the reasons for the presence of visible emissions;
- 3.5.4. Date, time and type of corrective actions taken pursuant to Condition 3.3.2;
- 3.5.5. Complete documentation of any Method 9 visible emissions observations conducted pursuant to Condition 3.4.

- 3.6. Baghouse Inspection and Recordkeeping. At least once each year during which the permitted source operates, the permittee shall inspect and keep records of the physical condition of the baghouse internals.
- 3.7. Operation and Production Records. The permittee shall track and record the source's operation and production such that source-wide emissions can be calculated on a daily, monthly and 12-month rolling basis. Records shall include, but not be limited to:
 - 3.7.1. Daily hot mix asphalt production (tons);
 - 3.7.2. Daily rock extracted on-site (tons), daily rock, concrete rubble and recycled asphalt pavement (RAP) received from off-site at this facility (tons), daily crushed aggregate produced on-site (tons) by type (i.e., rock, concrete rubble and RAP);
 - 3.7.3. Daily amount of propane (gallons) or natural gas (cubic feet) combusted by the asphalt drum dryer;
 - 3.7.4. Daily amount of propane (gallons) or natural gas (cubic feet) combusted by the asphalt tank heater;
 - 3.7.5. Pressure drop (inches) across the baghouse, recorded at least once per day while operating;
 - 3.7.6. Documentation of any time periods when the drum dryer is producing hot mix asphalt and the baghouse is not fully operational, the baghouse is not in good operating condition, or the drum dryer exhaust is not being routed to the baghouse; and
 - 3.7.7. Daily water and dust suppressant usage for roads, aggregate crushing, and material handling including type and application technique, amount and frequency.
- 3.8. Equipment Installation. The permittee shall install, calibrate, maintain and operate equipment or systems for recording the operation and production records required by this permit.
- 3.9. Emissions Calculations. Within 20 days after each month, the permittee shall calculate and record the source-wide monthly emissions (tons/month) and the rolling 12-month total emissions (tons/year) for CO, PM, PM10 and PM2.5 using the calculation techniques required in Condition 2.
- 3.10. Records Retention. Copies of all required records of emission calculations and parameters used to calculate emissions, monitoring records, notifications and reports required by this permit shall be kept with the asphalt plant for a period of five years and shall be made available to the EPA upon request.

4. Reporting Requirements

- 4.1. Notification of Deviations. The permittee shall notify the EPA:
 - 4.1.1. By telephone (describing the situation) within 24 hours and in writing within 10 days of determining that the drum dryer is producing hot mix asphalt and the baghouse is not fully operational, the baghouse is not in good operating condition, or the drum dryer exhaust is not being routed to the baghouse; and

- 4.1.2. In writing (describing the exceedance) within 10 days of determining that the rolling 12-month total emissions, calculated pursuant to Condition 3.9, exceed an emission limit in Condition 2.
- 4.2. Annual and Final Emission Report. Annually, within 45 days after the end of any calendar year in which the permitted source operated, the permittee shall submit to the EPA a report that includes the monthly and rolling 12-month total emissions required by Condition 3.9 for the reporting period including all assumptions and calculations used. The final report shall only include monthly and rolling 12-month total emissions, including all assumptions and calculations, not previously reported in an annual report.
- 4.3. Mailing Addresses and Telephone Numbers. All original notifications and reports shall be sent to the EPA at the address below and all telephone notifications shall be made to the telephone number below. A copy of each notification required in Condition 4.1 and each emission report required in Condition 4.2 that does not contain confidential business information shall be sent to the Tribal Environmental Contact at the address below.
- 4.4. EPA Mailing Address. All submittals, notifications and reports to the EPA shall be sent to:

Original Documents go to the EPA at:

Tribal Air Permits Coordinator
U.S. EPA – Region 10, 15-H13
1200 Sixth Avenue, Suite 155
Seattle, WA 98101

For telephone notifications:
Call (206) 555-1331
(mention the “FARR”)

Copies go to Tribal Environmental Contact at:

Department of Science and Engineering
Confederated Tribes of the Umatilla Indian Reservation
46411 Timine Way
Pendleton, OR 97801