

United States Environmental Protection Agency
Region 10, Office of Air, Waste and Toxics
AWT-107
1200 Sixth Avenue, Suite 900
Seattle, Washington 98101

Permit Number: R10NT501100
Issued: July 1, 2009
AFS Plant I.D. Number: 16-777-00084

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

Poe Asphalt Paving, Inc. Portable Asphalt Plant #1900

For operations in accordance with the conditions in this permit at locations listed in Section 1.2.

Division Manager, Local Individual Responsible:	Josh Smith Highway Division Manager Poe Asphalt Paving, Inc. P.O. Box 449 Lewiston, ID 83501 Phone: 509-758-5561, Fax: 509-758-5561 Email: josh@poeasphalt.com
Plant Operator:	Doug Williams Poe Asphalt Paving, Inc. 302 15 th St. Clarkston, WA 99403 Phone: 509-758-5561, Fax: 509-751-7650
Equipment Manager:	John Cushman Poe Asphalt Paving, Inc. 302 15 th St. Clarkston, WA 99403 Phone: 509-758-5561, Fax: 509-751-7650

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


Richard Albright, Director
Office of Air, Waste and Toxics
U.S. EPA, Region 10

7/2/09
Date

1. General Conditions

- 1.1. For purposes of this permit, the permitted source includes the hot-mix asphalt drum dryer (I.D. #1900) and a combination of handling and storage equipment used to produce hot mix asphalt.
- 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 locations:
 - 1.3.1. Solberg Pit, 519 Glenwood Road, Kamiah, Idaho, Nez Perce Reservation (Latitude: 46° 14' 16" N; Longitude: 115° 59' 15" W) - within the previously disturbed portion of the existing gravel pit only;
 - 1.3.2. ITD Plummer Pit, 324 Toetly, Plummer, Idaho, Coeur d'Alene Indian Reservation (Latitude: 47° 20' 25" N; Longitude: 116° 52' 35" W) - within the previously disturbed portion of the existing gravel pit only;
 - 1.3.3. Any other location on the following Indian reservations that have been specifically approved for the purpose of this permit in a letter from EPA to the permittee:
 - 1.3.3.1. Couer d'Alene Indian Reservation (Idaho);
 - 1.3.3.2. Nez Perce Reservation (Idaho);
 - 1.3.3.3. Kootenai Reservation (Idaho);
 - 1.3.3.4. Umatilla Indian Reservation (Oregon);
 - 1.3.3.5. Colville Indian Reservation (Washington);
 - 1.3.3.6. Kalispel Indian Reservation (Washington);
 - 1.3.3.7. Spokane Indian Reservation (Washington);
 - 1.3.3.8. Yakama Indian Reservation (Washington).
- 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. Facility-Wide Carbon Monoxide (CO) Emission Limit. Plantwide 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. Facility-Wide Nitrogen Oxides (NOx) Emission Limit. Plantwide NOx 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 NOx 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. Facility-Wide Particulate Matter (PM) Emission Limit. Plantwide 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.

- 2.4. Facility-Wide Fine Particulate Matter (PM10) Emission Limit. Plantwide 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.
- 2.5. Facility-Wide Sulfur Dioxide (SO2) Emission Limit. Plantwide SO2 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 SO2 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.
- 2.6. Facility-Wide Volatile Organic Compound (VOC) Emission Limit. Plantwide VOC 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 VOC 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.
- 2.7. Facility-Wide Hazardous Air Pollutant (HAP) Emission Limit. Plantwide HAP emissions shall not exceed 8 tons per year for any individual HAP or 20 tons per year for all HAPs combined 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 HAP 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.
- 2.8. Good Operation. All fuel burning equipment and the drum dryer baghouse control device shall be maintained in good operating condition. The drum dryer baghouse control device shall be operated at all times that the drum mixer operates. At least once each year that the permittee operates in Indian Country, the permittee shall inspect and keep records of the physical condition of the baghouse internals.
- 2.9. Fugitive Particulate Matter Requirements and Recordkeeping. The permittee shall take all reasonable precautions to prevent fugitive particulate matter emissions and shall maintain and operate all pollutant-emitting activities to minimize fugitive particulate matter emissions.

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 and all vehicle traffic activities (road dust) at the site 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, 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 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 each potential 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 or pollutant emitting activity.
- 3.2.5. Surveys shall be conducted while the facility 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 Reference Method 9 found in Appendix A of 40 CFR part 60.
- 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 for each emission activity and stack;
 - 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 or fugitive emissions of particulate matter;
 - 3.5.4. Date, time and type of corrective actions taken pursuant to Condition 3.3.2;
 - 3.5.5. Results of any Method 9 visible emissions observations conducted on the source of visible or fugitive emissions, and pursuant to Condition 3.4.
- 3.6. Operation and Production Records. The permittee shall track and record the operation and production such that facility-wide emissions can be calculated on a daily, monthly and 12-month rolling basis. Records shall include, but not be limited to:
 - 3.6.1. Daily hot mix asphalt production (tons) and type fuel used for drum dryer;
 - 3.6.2. Daily fuel type(s) and gallons combusted by generator;
 - 3.6.3. Daily fuel type(s) and gallons combusted by asphalt tank heater;
 - 3.6.4. Ash and sulfur content (%) of any RF04 oil or waste oil combusted;
 - 3.6.5. Sulfur content (%) of any fuel oil combusted;
 - 3.6.6. Pressure drop (inches) across the baghouse, recorded at least once per day while operating; and
 - 3.6.7. Daily water and dust suppressant usage for roads and material handling including type and application technique, amount and frequency.
- 3.7. Equipment Installation. The permittee shall install, calibrate, maintain and operate equipment or systems for recording the operation and production records required by this permit. Equipment must be installed and calibrated before operating in Indian Country.
- 3.8. Emissions Calculations. Each month, the permittee shall calculate and record the facility-wide monthly and rolling 12-month total emissions (tons) for CO, NO_x, PM, PM₁₀, SO₂, VOC, total HAPs and individual HAPs.

- 3.9. Records Retention. Copies of all required monitoring, records, notifications and reports required by this permit and location approval letters from EPA shall be kept on site for a period of five years and shall be made available to EPA upon request.

4. Reporting Requirements

- 4.1. Notification before Relocation. The permittee shall notify EPA at least 30 days before relocating the permitted source to or from a location in Indian Country subject to the FARR. The notification shall include:

- 4.1.1. Complete descriptions of the existing and new locations including state, county, physical address and longitude and latitude coordinates;
- 4.1.2. Whether the new location is in Indian Country subject to the FARR;
- 4.1.3. If the new location is not in Indian Country subject to the FARR, the name of the Title V permitting authority at the new location; and
- 4.1.4. If the new location is in Indian Country subject to the FARR, the following information;
 - 4.1.4.1. Expected equipment list and operating configuration including a flow diagram;
 - 4.1.4.2. Expected operating hours and production rates at the new location;
 - 4.1.4.3. Expected duration (days) of operation at the new location;
 - 4.1.4.4. Expected existence of any other air pollution emitting operations located at the same site;
 - 4.1.4.5. Plot plan and a map showing locations of any water bodies or wetlands within 5 miles of the new location;
 - 4.1.4.6. Inventory of emissions actually emitted during the most recent previous 12 months for CO, NO_x, PM, PM₁₀, SO₂, VOC, total HAPs and individual HAPs;
 - 4.1.4.7. List of endangered/threatened species in the new county and any adjacent counties that are within 5 miles of the new location and any available site-specific assessments or approvals related to the Endangered Species Act; and
 - 4.1.4.8. List of any historical/cultural preservation sites in the county of the new location and any available archeological surveys.

- 4.2. Notification after Relocation. The permittee shall notify EPA within 15 days after relocating the permitted source to a location in Indian Country subject to the FARR. The notification shall include:

- 4.2.1. Actual date of relocation; and
- 4.2.2. Any corrections or adjustments to the information required to be previously submitted in Condition 4.1.

- 4.3. Annual Report. Within 45 days after relocating the permitted source from a location in Indian Country subject to the FARR but no later than 45 days after the calendar year during which the permittee operated at a location in Indian Country subject to the FARR, the permittee shall submit to EPA, along with the annual registration required by 40 CFR § 49.138(e)(2), an annual emission report that includes:

- 4.3.1. List of all locations in Indian Country subject to the FARR at which the permittee operated for the previous calendar year, and the time period at each location;
- 4.3.2. List of all dates on which visible emissions observations indicated visible emissions greater than 20% opacity (6-minute average); and

- 4.3.3. Rolling 12-month emission calculations for the previous calendar year (12 separate totals) including all raw data, assumptions, emission factors and their references and a description of all emission estimating methods used.
- 4.4. Reporting Address. All original notifications and reports shall be sent to EPA. A copy of each notification required in Conditions 4.1 and 4.2 and each annual report required in Condition 4.3 that does not contain confidential business information shall be sent to the Tribal Environmental Contact(s) for each reservation(s) involved/impacted.

Original Documents go to EPA at:

Non-Title V Coordinator, AWT-107
U.S. EPA Region 10
Suite 900
1200 Sixth Avenue
Seattle, WA 98101

Copies go to Tribal Contacts at:

See the tribal environmental contact information in Appendix A to this permit

Appendix A

List of Tribal Environmental Contacts

Poe Asphalt Paving, Inc
Portable Plant #1900

Non-Title V Operating Permit
R10NT501100

List of Tribal Environmental Contacts

State	Reservation	Counties	Tribe	Tribal Contact	Tribal Contact Phone and Email	Physical Address	Mailing Address
Idaho	Coeur d'Alene Indian Reservation	Benewah, Kootenai	The Coeur d'Alene Indian Tribe	Lester C. Higgins Air Quality Manager	208-686-8101 lhiggins@edatribe-nsn.gov	850 A Street Plummer, ID 83851-9703	P.O. Box 408 Plummer, ID 83851-9703
	Nez Perce Reservation	Clearwater, Idaho, Latah, Lewis, Nez Perce	Nez Perce Tribe	Julie Simpson ERWM Division, Air Quality Program Coordinator	208-612-3818 julies@nezperce.org	109 Lolo Street Lapwai, ID 83540	P.O. Box 365 Lapwai, ID 83540
	Kootenai Reservation	Boundary	Kootenai Tribe	Kevin Greenleaf Environmental Director	208-267-3519 greenleaf@kootenai.org	County Road 38A Bonners Ferry, ID 83805	P.O. Box 1269 Bonners Ferry, ID 83805
Oregon	Umatilla Indian Reservation	Umatilla, Union	The Confederated Tribes of the Umatilla Reservation	John Cox Air Quality Coordinator	541-966-2801 johncox@ctur.com	73239 Confederate Way Pendleton, OR 97801	P.O. Box 638 Pendleton, OR 97801
Washington	Colville Indian Reservation	Ferry, Okanogan	The Confederated Tribes of the Colville Reservation	Kris Ray Air Resource Specialist	509-634-2418 kris.ray@colvilletribes.com	1 Colville Street Nespelem, WA 99155	P.O. Box 150 Nespelem, WA 99155
	Kalispel Indian Reservation	Pend Oreille	The Kalispel Tribe of Indians	Ken Merrill Water Quality Manager	509-447-7276 kmerrill@knrd.org	1981 North Leclerc Usk, WA 99180	P.O. Box 39 Usk, WA 99180
	Spokane Indian Reservation	Stevens	Spokane Tribe of Indians	Monty Ford Air Quality	509-626-4418 montyfvf@spokanetribe.com	6208 Fodr/Wellpinit Rd Wellpinit, WA 99040-0100	P.O. Box 100 Wellpinit, WA 99040-0100
	Yakama Indian Reservation	Klickitat, Lewis, Yakima	Confederated Tribes and Bands of the Yakama Nation	Aja DeCoteau Manager, Environmental Management Program	509-865-5121, ext. 6038 aja@yakama.com	604 West 4 th Avenue Suite C Toppenish, WA 98948-0151	P.O. Box 151 Toppenish, WA 98948-0151