



United States Environmental Protection Agency General Air Quality Permit for New or Modified Minor Sources of Air Pollution in Indian Country

<https://www.epa.gov/tribal-air/tribal-minor-new-source-review>

Request for Coverage under the General Air Quality Permit for New or Modified Minor Source Hot Mix Asphalt Plants in Indian Country

Last Modified: January 4, 2017

Version 1.0

Prior to construction or modification, complete this application and submit it to your reviewing authority.

A list of reviewing authorities, their areas of coverage, and contact information can be found in Attachment D to the General Air Quality Permit for Minor Source Hot Mix Asphalt Facilities or visit: <https://www.epa.gov/tribal-air/5-source-categories-hot-mix-asphalt-plants-final-rule>.

For assistance with this application please contact your reviewing authority.

For instructions on completing this application please see the document "Instructions for Requesting Coverage under the General Air Quality Permit for New or Modified Minor Source Hot Mix Asphalt Plants in Indian Country."

Section 1: Contact Information

1. Business Name: Roy Houck Construction LLC	2. Date: May 4, 2018
3. Site Address: Patawa Pit, Thompson Rd, Pendleton, OR	4. County: Umatilla
5. Name of Operator at Site (if different from owner):	6. Phone of Operator or Contact at Site (if different from owner):
7. Owner: Roy Houck Construction LLC	8. Telephone Number of Owner: (503) 463-7177
9. Owner's Mailing Address: 4444 22nd Avenue NE Salem, OR 97301	10. Send all correspondence regarding this application to: Company Name: c/o: Roy Houck Address: 4444 22nd Avenue NE Salem, OR 97301
11. Authorized contact regarding this permit application: Name: Pamela Houck Title: Representative Phone: (503) 463-7177 Email: pamh@houckco.com FAX: (503) 463-4979	

Section 2: Facility Information for Requesting Coverage under the General Air Quality Permit for New or Modified Minor Source Hot Mix Asphalt Plants

12. Please list all of the site locations for which you want approval to locate your hot mix asphalt plant. Include the site name (if any), street address, city, state, and name of the Indian Reservation. If needed, use additional paper. You may seek approval for additional locations in the future.

Site Name	Street Address	City/Town	Area of Indian Country
Patawa Pit	Thompson Rd	Pendleton	Umatilla

13. This application is for (check all that apply):

- ☒ Construction/Relocation of a new hot mix asphalt facility in Indian country – no current general permit (please describe the proposed new source or location).
400 TPH Portable Drum Asphalt Plant (Hot Mix)

- ☐ Add a new location for your hot mix asphalt facility already covered by the General Permit (please describe the proposed new location).

- ☐ Modification of an existing hot mix asphalt facility. Please describe the modification below. The definition of “modification” can be found at 40 CFR 49.152(d), and in the “Instructions” document.

- ☐ A hot mix asphalt operation co-located with a stone quarrying, crushing, and screening operation and seeking to limit combined PTE to less than 100 tpy for NSR-regulated pollutants. You must comply with Conditions 17. and 20.b. in the General Permit. This option is not available in serious, severe and extreme ozone nonattainment areas and serious CO nonattainment areas (please describe the proposed source).

14. North American Industry Classification System/Standard Industrial Classification Code and/or description of the facility:

324121 / 2951 Asphalt Paving Mixtures and Blocks

15. Type of Asphalt Plant: (check all that apply):

☐ Stationary ☒ Portable ☐ Batch Mix ☒ Parallel Flow Drum Mix ☐ Counterflow Drum Mix

16. Will your new or modified facility be located in an ozone nonattainment area? Information on the ozone attainment status of the area where your facility is/will be located can be found at:

<https://www.epa.gov/green-book>.

☐ Yes ☒ No

If you answered 'Yes,' specify the classification of the ozone nonattainment area:

☐ Marginal ☐ Moderate ☐ Serious ☐ Severe ☐ Extreme

Note: If your facility will be located in severe or extreme ozone nonattainment area, it does not qualify for this General Permit and you must obtain a site-specific permit from the reviewing authority.

17. Will your new or modified facility be located in a particulate matter (PM₁₀) nonattainment area? Information on the attainment status of the area where your facility is or will be located can be found at:

<https://www.epa.gov/green-book>.

☐ Yes ☒ No

If you answered 'Yes,' specify the classification of the PM₁₀ nonattainment area:

☐ Moderate ☐ Serious

18. Will your new or modified facility be located in a particulate matter (PM_{2.5}) nonattainment area? Information on the attainment status of the area where your facility is or will be located can be found at:

<https://www.epa.gov/green-book>.

☐ Yes ☒ No

19. Will your new or modified facility be located in a carbon monoxide (CO) nonattainment area? Information on the attainment status of the area where your facility is or will be located can be found at: <https://www.epa.gov/green-book>.

☐ Yes ☒ No

If you answered 'Yes,' specify the classification of the CO nonattainment area:

☐ Moderate ☐ Serious

20. Will the PTE of your new facility, or the increase in potential emissions from your modified existing facility, be equal to or above the applicable minor NSR thresholds listed below for ANY of the listed pollutants, both in tpy? Emissions from your facility may be calculated using the calculator available online at: <https://www.epa.gov/tribal-air/5-source-categories-hot-mix-asphalt-plants-final-rule>. Be sure to include all new or modified emission units at your facility.

Pollutant	Attainment Area	Nonattainment Area
CO	10 tpy	5 tpy
Particulate Matter (PM)	10 tpy	5 tpy
Particulate Matter (PM ₁₀)	5 tpy	1 tpy
Particulate Matter (PM _{2.5})	3 tpy	0.6 tpy
Sulfur Dioxide (SO ₂)	10 tpy	5 tpy
Nitrogen Oxides (NO _x)	10 tpy	5 tpy
Volatile Organic Compounds (VOC)	5 tpy	2 tpy

☒ Yes ☐ No See Attachment "A"

If you answered 'No,' your source is likely exempt from the minor NSR program. Please contact your reviewing authority to confirm that your facility will not need a permit. If you answered 'Yes,' continue on to the next question.

21. If located in an attainment, attainment/unclassifiable or unclassifiable area, will the PTE of your facility be less than 250 tpy for PM, PM₁₀, PM_{2.5}, VOC, NO_x, CO, and SO₂, each individually? Be sure to include all existing, new, and modified emission units at the facility.

☒ Yes ☐ No See Attachment "A"

If you answered 'No,' your source does not qualify for the General Permit. Please contact your reviewing authority to apply for a site-specific permit. If you answered 'Yes,' continue on to the next question.

22. If located in a nonattainment area, will the PTE of your facility for the particular nonattainment pollutant be less than the NSR major source thresholds below for ALL pollutants? Be sure to include all existing, new, and modified emission units at the facility.

Pollutant	Nonattainment Classification	NSR Major Source Threshold
Ozone	Marginal	100 tpy of VOC or NO _x
	Moderate	100 tpy of VOC or NO _x
	Serious	50 tpy of VOC or NO _x
	Severe	25 tpy of VOC or NO _x
	Extreme	10 tpy of VOC or NO _x
PM ₁₀	Moderate	100 tpy
	Serious	70 tpy
CO	Moderate	100 tpy
	Serious	50 tpy
SO ₂ , NO ₂ , PM _{2.5}	No nonattainment classification	100 tpy

☐ Yes ☐ No ☒ N/A - Not located in any nonattainment area

If you answered '**No**,' your source does not qualify for the General Permit. Please contact reviewing authority to apply for a site-specific permit. If you answered '**Yes**' or '**N/A**,' continue on to the next question.

23. Projected asphalt production rate after construction/modification/relocation:
Tons/month: 35,000

24. Does or will this facility perform contaminated soil remediation?

☐ Yes ☒ No

If you answered '**Yes**' to this question, your facility does not qualify for a general permit and you must obtain a site-specific permit from your reviewing authority.

Section 3: Technical Information for Requesting Coverage under the General Air Quality Permit for New or Modified Minor Source Hot Mix Asphalt Plants

Information regarding the emission units at your facility is required by 40 CFR 49.154 and 40.160. Please provide the information below for all equipment at your facility. For each emissions unit, include supporting documentation for the PTE of the unit with your Request for Coverage. In addition, for existing emissions units, include the most recent actual annual emissions. See 40 CFR 49.154(a)(2). (For more information on how to calculate actual emissions, you may go to: <https://www.epa.gov/tribal-air/registration-existing-true-minor-sources-air-pollution-indian-country>.) As needed, please include other relevant information with your Request for Coverage (including any equipment not identified below).

Dryer

25. Dryer ID: 70-01

26. Construction/Modification Date of the Dryer (mm/dd/yyyy; actual or anticipated): 1984

27. Dryer Burner Capacity (MMBtu/hour): 150

28. Fuel(s) Used in the Dryer:

☐ Natural Gas ☒ Propane ☒ Distillate Fuel ☐ Biodiesel

29. Is the dryer/mixer controlled by a baghouse (fabric filter) or venturi scrubber?

☒ Yes ☐ No

If you answered No to this question, your facility does not qualify for a general permit and you must obtain a site-specific permit from reviewing authority.

30. **Internal Combustion Engines** (including emergency generators)

Unit ID #	Unit Description	Maximum Rated Capacity (HP)	Types of Fuel(s) Used ¹	Manufactured Date (mm/dd/yyyy)	Model Year
19-04	CAT 3412 PRIMARY	800 / 550 Kwh	#2 Diesel	1989	1989
19-03	CAT 3360 SECONDARY	300 / 140 Kwh	#2 Diesel	1993	---

¹ Only diesel fuel or biodiesel are allowed in this General Permit.

31. Auxiliary Heaters

Unit ID #	Unit Description	Maximum Heat Input Capacity (MMBtu/hour)	Types of Fuel(s) Used ²	Construction Date (mm/dd/yyyy)
70-15	AC Oil Tank Heater	3.5	Electric	2002
Total Heat Input Capacity: ³		3.5		

32. Material Handling, Transferring, Loading, and Storage Equipment

Unit ID #	Unit Description	Maximum Capacity (ton/hour)	Construction Date (mm/dd/yyyy)	Type of Control (if any)
7003	DRUM Mat'l Handling	400		Spray
7102	SLAT Mat'l Transfer	400		None
7101	SILO Mat'l Loading	400		None
	Trucking Traffic			Water
	Stockpiles Storage			Water

² Only natural gas, propane, distillate fuel and biodiesel are allowed in this General Permit.

³ In order to qualify for this General Permit, the total heat input capacity of the auxiliary heaters cannot exceed 10 MMBtu/hour.

33. Volatile Liquid Storage Tanks

This section applies to storage tanks used to store liquid materials. Please provide the following information for each storage tank.

Unit ID#	Type of Liquid	Capacity (gallons)	Vapor pressure of Liquid (psi)	Is the tank above or underground?	Date of Installation (if existing)
18-04	Asphalt	25,000	NA	Above	
18-06	#2 Diesel	12,000	< 0.1	Above	
Rental	Propane	18,000	130	Above	

Section 4: Information on Completing Screening Processes that Have to Be Satisfied to Request Coverage under the General Air Quality Permit for New or Modified Minor Source Hot Mix Asphalt Plants

34. Threatened or Endangered Species

Have you demonstrated that you meet one of the criteria listed in Appendix A with respect to the protection of any and all species that are federally listed as threatened or endangered under the ESA or of habitat that is federally designated as "critical habitat" under the ESA? If you answered '**No**,' you cannot request coverage under this permit.

☒ Yes ☐ No See Attachment "B"

If you answered '**Yes**,' then you need to provide the appropriate documentation to the EPA to qualify for coverage under this permit. Please indicate under which criterion in Appendix A you are satisfying this requirement:

☐ A ☐ B ☐ C ☒ D ☐ E

35. Historic Properties

Have you completed the screening process in Appendix B to determine if the construction, modification or operation of your new or modified minor source of air pollutants has the potential to cause effects to historic properties (pursuant to the NHPA)? If you answered '**No**,' you cannot request coverage under this permit.

☒ Yes ☐ No See Attachment "B"

If you answered '**Yes**,' then provide the appropriate documentation to the EPA to qualify for coverage under this permit.

Section 5: Additional Information about this General Air Quality Permit for New or Modified Minor Source Hot Mix Asphalt Plants

This section provides information on the sizes of sources in terms of emissions that are eligible for the General Permit. The emission limitations and standards in this permit are expected to ensure that source-wide emissions are below the rates shown in the following table:

Pollutant of Concern	Attainment, Unclassifiable or Attainment/Unclassifiable Areas	Nonattainment Areas
CO	80 tpy	80 tpy (moderate areas)
		40 tpy (serious areas)
PM ₁₀	26 tpy	26 tpy (moderate areas)
		26 tpy (serious areas)
PM _{2.5}	14 tpy	14 tpy
SO ₂	18 tpy	18 tpy
NO _x	71 tpy	71 tpy (marginal and moderate ozone areas)
		45 tpy (serious ozone areas)
VOC	28 tpy	28 tpy (marginal and moderate ozone areas)
		18 tpy (serious ozone areas)

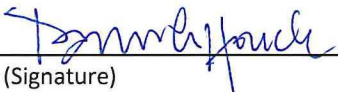
For a hot mix asphalt operation co-located with a stone quarrying, crushing, and screening operation, the emission limitations and standards in Conditions 17. and 20.b of the General Permit are expected to ensure the source-wide emissions are below the rates shown in the following table:

Pollutant of Concern	Attainment, Unclassifiable or Attainment/Unclassifiable Areas	Nonattainment Areas
CO	78 tpy	78 tpy (moderate)
		Not applicable (serious areas)
PM	86 tpy	Not applicable
PM ₁₀	63 tpy	63 tpy (moderate)
		63 tpy (serious)
PM _{2.5}	30 tpy	30 tpy
SO ₂	18 tpy	18 tpy
NO _x	90 tpy	Not applicable (serious and above ozone areas)
		90 tpy (marginal and moderate ozone areas)
VOC	27 tpy	Not applicable (serious and above ozone areas)
		27 tpy (marginal and moderate ozone areas)

You should contact your reviewing authority if you intend to rely on the emission limitations and standards in this General Permit to prevent having to obtain a Title V permit.

Applicant's Statement (to be signed by the applicant)

I certify that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Name:  Name: Pamela Houck Date: 5/4/2018
(Signature) (Print or Type)

Title: Representative