



General Order Application: Asphalt Plants

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DEPT. OF ECOLOGY
FISCAL & BUDGET

I. INSTRUCTIONS

This application applies statewide for facilities under the Department of Ecology's jurisdiction. Fill out the form completely in order to obtain coverage.

- ☐ Read the Asphalt Plant General Order. You can get it online at www.ecy.wa.gov/programs/air/AOP_Permits/Boiler/GeneralOrders.htm, or call the appropriate regional office (see below) for a copy.
- ☐ Answer all the questions and sign and date the application.
- ☐ Enclose manufacturer specification sheets for the asphalt plant, including dryer drum, baghouse, burner, and power generators.
- ☐ Enclose a check to the Department of Ecology for the application fee.
- ☐ State Environmental Policy Act (SEPA) Compliance
 - ☒ **\$875 application fee** if SEPA review is complete – Include a copy of the final SEPA checklist and SEPA determination (e.g. DNS, MDNS, EIS) with your application.
 - ☐ **\$1,160 application fee** if SEPA review is required – If SEPA review has not been conducted, please fill out a SEPA checklist and submit it with your application. You can find a SEPA checklist online at www.ecy.wa.gov/programs/sea/sepa/docs/echecklist.doc.
- ☐ Mail the complete application package to:

For Fiscal Office Use Only:
001-NSR-216-0299-000404

Department of Ecology
Cashiering Unit
P.O. Box 47611
Olympia, WA 98504-7611

Check the box for the location of your proposal. For assistance, call the appropriate office listed below:

<input type="checkbox"/>	Chelan, Douglas, Kittitas, Klickitat, or Okanogan County Ecology Central Regional Office (509) 575-2490	CRO
<input checked="" type="checkbox"/>	Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Stevens, Walla Walla, or Whitman County Ecology Eastern Regional Office (509) 329-3400	ERO
<input type="checkbox"/>	San Juan County Ecology Northwest Regional Office (425) 649-7000	NWRO
<input type="checkbox"/>	For actions taken at Kraft and Sulfite Paper Mills and Aluminum Smelters Only Ecology Industrial Section (360) 407-6900	IND
<input type="checkbox"/>	For actions taken on the US Department of Energy Hanford Reservation Only Ecology Nuclear Waste Program (509) 372-7950	NWP

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II. COMPANY INFORMATION

1. Company Name: <u>Knife River Corporation</u>		
2. Company Mailing Address (street, city, state, zip): <u>5450 W. Gowen Rd, Boise, ID 83709</u>		
3. Facility Location (if different from company mailing address): <input checked="" type="checkbox"/> Portable Plant		4. County:
5. Company Contact Person, Title: <u>Josh Smith Asphalt Operations Man.</u>	6. Company Phone #: <u>208 362 6152</u>	7. Company Fax #: <u>208 362-6199</u>
8. Contact Person Phone #:	9. Contact Person E-Mail Address: <u>josh.smith@kniferiver.com</u>	
10. On-site Plant Contact Person, Title: <u>Jerry Walker Plant Manager</u>	11. On-site Plant Contact Person Phone #: <u>208-871-1533</u>	

III. PLANT INFORMATION

1. Plant Name: <u>Gencor #2 Portable</u>	2. Construction Start Date:
3. Plant Type: <input type="checkbox"/> Parallel-flow drum <input checked="" type="checkbox"/> Counter-flow drum <input type="checkbox"/> Other (specify):	4. Will the plant run Recycle Asphalt Product (RAP)? If yes, what is the maximum percentage of RAP? <input checked="" type="checkbox"/> Yes, percentage: <u>25</u> <input type="checkbox"/> No
5. Plant Hourly Capacity (tons per hour): (<i>Asphalt cement production shall not exceed 500 tons per hour.</i>) <u>400</u>	6. Estimated Annual Plant Capacity (tons of asphalt concrete/year): (<i>Asphalt cement production shall not exceed 300,000 ton per year</i>) <u>150,000</u>
7. What is the size of asphalt drum dryer burner? (MMBtu/hr heat input): <u>135</u>	8. What types of fuel will be used to power the asphalt drum dryer burner?: (<i>please specify fuel oil sulfur content</i>) <u>Natural Gas or Propane</u>
9. Will emissions from the drum mixer be controlled by a baghouse? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10. Will the baghouse have both an inlet temperature gauge and a differential pressure gauge? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11. What is the height of the baghouse exhaust stack from ground level? (<i>feet</i>) <u>30</u>	12. Will the asphalt drum have a mix temperature gauge? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13. Does the plant have an interlock or other fail-safe device to prevent the drum-mix dryer from operating if the baghouse is not operating? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	14. Does every asphalt cement heater have a minimum of one self-regulating automatic overheating disconnect? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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A. STATIONARY PLANTS:

1. Does the hot mix conveyor and asphalt plant storage silos have a scavenging system and ducting to collect Volatile Organic Compounds (VOC) and asphalt fumes? <input type="checkbox"/> Yes <input type="checkbox"/> No	2. What is the cubic feet per minute (cfm) rating of the scavenger fan?
3. Does the plant have an interlock or other fail-safe device to prevent the drum mix dryer from operating if the scavenging fan is not operating? <input type="checkbox"/> Yes <input type="checkbox"/> No	4. Power Source: <input type="checkbox"/> Line Power <input type="checkbox"/> Diesel electrical generators (Note: If this box is checked a Notice of Construction Air Quality Permit will be required)
5. Plant Distance to Nearest Property Line (feet):	

B. PORTABLE¹ PLANTS

1. Temporary Location Information: (Please include information for your next anticipated operating location)	
Quantity of Material to be Produced: <u>80,000</u> tons	
Intended Dates of Operation: From: <u>9/1/18</u>	To: <u>7/31/19</u>
Site Name: <u>Fishtrap Site - WSDOT</u>	County: _____
Legal Description: Quarter <u>SENE</u> ; Section <u>23</u> ; Township <u>22N</u> ; Range <u>39E</u>	

2. Provide manufacture specification information on any power generators listed below. Attach additional sheets if there are more than 2 units.

2a.	2b.
Engine manufacturer: <u>Caterpillar</u>	Engine manufacturer: <u>Iveco</u>
Model: <u>C-32 or equiv.</u>	Model: <u>NEF67 TE1X or equivalent</u>
Year of Manufacture: <u>2007</u>	Year of Manufacture: <u>1997</u>
Serial Number: _____	Serial Number: _____
Engine size: <u>1,350</u> hp	Engine size: <u>231</u> hp
Max electrical output <u>910</u> kWe	Max electrical output <u>135</u> kWe
Height of exhaust stack: <u>15</u> feet	Height of exhaust stack: <u>10</u> feet
Fuel: <u>#2 Diesel</u>	Fuel: <u>#2 distillate</u>
Maximum hourly fuel: <u>67 gal</u> gal/hr	Maximum hourly fuel: <u>10.95</u> gal/hr

V. SIGNATURE BLOCK

I certify, based on information and belief formed after reasonable inquiry, the statements and information in this application are true, accurate, and complete.	
Printed Name <u>Josh Smith</u>	Title <u>Asphalt operations Manager</u>
Signature <u>[Signature]</u>	Date <u>2/16/18</u>

If you need this document in a format for the visually impaired, call the Air Quality Program at 360-407-6800. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

¹ A portable asphalt plant must be temporarily located at any location for one year or less.

Southern Idaho Division
5450 West Gowen Road
Boise, ID 83709

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DEPT. OF ECOLOGY
FISCAL & BUDGET

February 16, 2018

Washington Department of Ecology
PO Box 47611
Olympia, WA 98504-7611

Subject: General Order Application for an Asphalt Plant

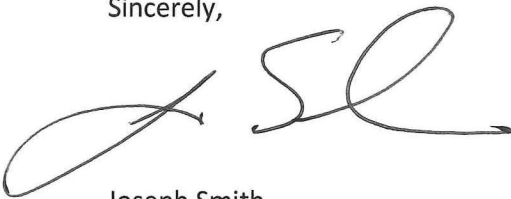
Dear Department of Ecology:

Knife River Corporation Northwest respectfully submits the included General Order Application for a Portable Asphalt Plant. The initial location is described as SE ¼ of NE ¼, Section 23, Township 22N, Range 39E and is an active Washington DOT aggregate source (Fishtrap). Knife River assumes that a SEPA checklist and determination has been completed for this site.

Knife River did not supply serial numbers for the generators in the application. Knife River operates 3 "like kind" portable asphalt plants using "like" generators. Knife River would like the flexibility to place any of the three "like" plants at the location and associate the plant with the WA permit. Serial Numbers can be supplied if required.

If you should have any questions concerning this application, please feel free to reach out to me.

Sincerely,



Joseph Smith
Regional Environmental Manager
Knife River, Intermountain Region

406-876-4637
joe.smith@kniferiver.com

Department of Ecology
Eastern Washington Office

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