



Application for Operating Non-road Engines Cumulatively >2000 Brake Horsepower: Intent to Operate

I. INSTRUCTIONS

This application applies statewide for facilities under the Department of Ecology’s jurisdiction. Fill out the form completely to get approval to operate non-road engines cumulatively greater than 2000 brake horsepower at one location. The fee for the approval is \$95 per hour to process.

- Answer all the questions and sign and date the application.
- Provide a brief project description.
- Enclose manufacturer specification sheets with emissions data for all non-road engines.
- Enclose modeling information for National Ambient Air Quality Standard (NAAQS) compliance.
- State Environmental Policy Act (SEPA) Compliance:
 - If SEPA review is complete** – Include a copy of the final SEPA checklist and SEPA determination (DNS, MDNS, EIS) with your application.
 - 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 this form to the permitting authority listed below.

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

	Permitting Authority	Contact Info
<input type="checkbox"/> CRO	Chelan, Douglas, Kittitas, Klickitat, or Okanogan County Ecology Central Regional Office - Air Quality Program 1250 West Alder Street Union Gap, WA 98903-0009	Lynnette Haller (509) 457-7126 lynnette.haller@ecy.wa.gov
<input type="checkbox"/> ERO	Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Stevens, Walla Walla or Whitman County Ecology Eastern Regional Office - Air Quality Program 4601 N. Monroe Spokane, WA 99205-1295	Jolaine Johnson (509) 329-3452 jolaine.johnson@ecy.wa.gov
<input type="checkbox"/> NWRO	San Juan County Ecology Northwest Regional Office - Air Quality Program 3190 160 th Ave. SE Bellevue, WA 98008-5452	David Adler (425) 649-7267 david.adler@ecy.wa.gov
<input type="checkbox"/> IND	For actions taken at Kraft and Sulfite Paper Mills and Aluminum Smelters Only Ecology Industrial Section P.O. Box 47600 Olympia, WA 98504-7600	James DeMay (360) 407-6868 david.demay@ecy.wa.gov
<input type="checkbox"/> NWP	For actions taken on the US Department of Energy Hanford Reservation Only Ecology Nuclear Waste Program 3100 Port of Benton Blvd. Richland, WA 99354	Philip Gent (509) 372-7950 philip.gent@ecy.wa.gov

II. COMPANY INFORMATION

1. Company Name:		
2. Company Mailing Address (street, city, state, zip):		
3. Facility Location (if different from company mailing address):		
4. Company Contact Person, Title:	5. Company Phone #:	6. Company Fax #:
7. Contact Person Phone #:	8. Contact Person E-Mail Address:	
9. On-site Plant Contact Person, Title:	10. On-site Plant Contact Person Phone #:	

III. GENERAL INFORMATION

<p>1. Location of and operational information for proposed project:</p> <p>Intended Dates of Operation: From: _____ To: _____</p> <p>Site Name: _____ County: _____</p> <p>Legal Description: Quarter ____; Section ____; Township ____; Range ____</p>
<p>2. Provide a brief description of the project:</p> <p>_____</p> <p>_____</p>

IV. MODELING FOR NATIONAL AMBIENT AIR QUALITY STANDARD (NAAQS) COMPLIANCE

<p>1. Type of air model used for demonstrating NAAQS Compliance: Please include modeling results with this application</p> <p><input type="checkbox"/> AERSCREEN <input type="checkbox"/> AERMOD <input type="checkbox"/> Other: _____</p>	<p>2. Centroid distance of engines to nearest property line (feet):</p>																																									
<p>3. Fill in modeling results below:</p> <table border="1"> <thead> <tr> <th>Pollutant</th> <th>Averaging Time</th> <th>NAAQS</th> <th>Maximum Modeled Concentration in Ambient Air*</th> <th>Below NAAQS Y or N</th> </tr> </thead> <tbody> <tr> <td rowspan="2">CO</td> <td>8-hr</td> <td>(10 mg/m³)</td> <td></td> <td></td> </tr> <tr> <td>1-hr</td> <td>(40 mg/m³)</td> <td></td> <td></td> </tr> <tr> <td rowspan="2">NO₂</td> <td>Annual</td> <td>(100 µg/m³)</td> <td></td> <td></td> </tr> <tr> <td>1-hr</td> <td>(100 ppb) or (188 µg/m³)</td> <td>Analysis not required per AQP-GUI-2010-03</td> <td>N/A</td> </tr> <tr> <td rowspan="2">PM₁₀</td> <td>Annual</td> <td>(50 µg/m³)</td> <td></td> <td></td> </tr> <tr> <td>24-hr</td> <td>(150 µg/m³)</td> <td></td> <td></td> </tr> <tr> <td rowspan="2">PM_{2.5}</td> <td>Annual</td> <td>(15.0 µg/m³)</td> <td></td> <td></td> </tr> <tr> <td>24-hr</td> <td>(35 µg/m³)</td> <td></td> <td></td> </tr> </tbody> </table>		Pollutant	Averaging Time	NAAQS	Maximum Modeled Concentration in Ambient Air*	Below NAAQS Y or N	CO	8-hr	(10 mg/m ³)			1-hr	(40 mg/m ³)			NO ₂	Annual	(100 µg/m ³)			1-hr	(100 ppb) or (188 µg/m ³)	Analysis not required per AQP-GUI-2010-03	N/A	PM ₁₀	Annual	(50 µg/m ³)			24-hr	(150 µg/m ³)			PM _{2.5}	Annual	(15.0 µg/m ³)			24-hr	(35 µg/m ³)		
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<p>*Include maximum modeled concentration even if farther than property boundary</p>																																										

V. NON-ROAD ENGINE INFORMATION

1. What is the total brake horsepower rating of all non-road engines for this project?
 (Examples of non-road engines are engine powered pumps, power generators, compressors, or light towers)

_____ **Total brake horsepower**

All non-road engines must use ultra low sulfur diesel or ultra low sulfur bio-diesel (a sulfur content of 15 ppm or 0.0015% sulfur by weight or less), gasoline, natural gas, propane, liquefied petroleum gas (LPG), hydrogen, ethanol, methanol, or liquefied/compressed natural gas (LNG/CNG).

2. Provide manufacture specification information for each engine listed below. Please use the supplemental non-road engine information sheet if there are more than four engines.

Engine #1	Engine #2
Function or purpose: _____	Function or purpose: _____
Engine manufacturer: _____	Engine manufacturer: _____
Model: _____	Model: _____
Serial number: _____	Serial number: _____
Year of manufacture: _____	Year of manufacture: _____
Fuel used: _____	Fuel used: _____
Engine size: _____ hp	Engine size: _____ hp
Maximum hourly fuel: _____ gal/hr	Maximum hourly fuel: _____ gal/hr
Height of exhaust stack: _____ feet	Height of exhaust stack: _____ feet
Stack velocity: _____ ft/sec	Stack velocity: _____ ft/sec
Operating stack temp.: _____ °F	Operating stack temp.: _____ °F
Stack area (inside diameter): _____ inches ²	Stack area (inside diameter): _____ inches ²
Distance to property line: _____ feet	Distance to property line: _____ feet
Engine #3	Engine #4
Function or purpose: _____	Function or purpose: _____
Engine manufacturer: _____	Engine manufacturer: _____
Model: _____	Model: _____
Serial number: _____	Serial number: _____
Year of manufacture: _____	Year of manufacture: _____
Fuel used: _____	Fuel used: _____
Engine size: _____ hp	Engine size: _____ hp
Maximum hourly fuel: _____ gal/hr	Maximum hourly fuel: _____ gal/hr
Height of exhaust stack: _____ feet	Height of exhaust stack: _____ feet
Stack velocity: _____ ft/sec	Stack velocity: _____ ft/sec
Operating stack temp.: _____ °F	Operating stack temp.: _____ °F
Stack area (inside diameter): _____ inches ²	Stack area (inside diameter): _____ inches ²
Distance to property line: _____ feet	Distance to property line: _____ feet

VI. 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 _____ Title _____

Signature _____ Date _____

To request ADA accommodation, call (360) 407-6800, 711 (relay service), or (877) 833-6341 (TTY).