

State of Washington Department of Ecology
Notice of Construction Approval Order

In the matter of approving a new	)	Approval Order No. 26AQ-C293
air contaminant source for PUD	)	
No. 1 of Chelan County at their	)	AQPID No. B0070111
Rocky Reach Dam	)	

Project Summary

PUD No. 1 of Chelan County, herein referred to as the Permittee, is installing a new source at their Rocky Reach Dam located in Wenatchee, Washington, in Chelan County. The Permittee is classified as a ‘natural minor’ under Title V of the federal Clean Air Act. The project consists of installation and operation of one diesel-fired emergency generator.

Legal Authority

The emissions from the proposed project have been reviewed under the legal authority of RCW 70A.15.2210 and the applicable rules and regulations adopted thereunder. The proposed project, if operated as specified, will be in accordance with applicable rules and regulations, as set forth in Chapters 173-400 WAC and 173-460 WAC and the operation thereof, at the location proposed, will not result in ambient air quality standards being exceeded.

Therefore, it is ordered that the project as described in the Notice of Construction (NOC) application and more specifically detailed in plans, specifications, and other information submitted to the Washington State Department of Ecology (Ecology) is approved for construction and operation, provided the following conditions are satisfied:

Approval Conditions

1. Emission Units

The following emission unit, a diesel-fired emergency generator (genset), has been identified and is approved to be installed in this NOC Approval Order:

Genset Make and Model	Engine Model	Engine Rating	No. of Units	Installation Date
Caterpillar	Caterpillar C18, In-line 6, 4 cycle diesel	1,006 hp (750 kWm)	1	2026

2. Operational Limitations

a. Operation Limits

The cumulative runtime of the genset, including operations during unplanned power outages, must be limited to 110 hours per any rolling 12-month period.

b. Equipment Restrictions

- i. The genset must not be utilized to satisfy a financial arrangement with any entity (e.g. curtailment rate structures, load shedding, or distributed power generation), or to provide electrical power to any electric power provider or user, without first submitting an NOC Application to revise this order.
- ii. The genset engine must be certified for conformance with the emission limits specified in Condition 2.c.i.
- iii. Beyond 18 months after issuance of this Order, replacement of the genset or its engine must be preceded by submission of a NOC Application and issuance of a revised approval order.
- iv. Modifications that change emission rates from this project may trigger new source review.
- v. The Permittee must use only ultra-low-sulfur diesel, i.e. No. 2 fuel oil containing a sulfur content of no greater than 15 parts per million, to fuel the engines.
- vi. Exhaust stack must be installed such that bends, obstructions, and building interferences with exhaust dispersion are minimized.
- vii. Exhaust from the exhaust stack must be discharged vertically.
- viii. Stack caps that interfere with vertical dispersion are prohibited.

c. Emission Limits

- i. Emissions from each engine must not exceed the following weighted limits:

Pollutants	Emissions^a (g/kW-hr)
NMHC + NO _x	6.4
CO	3.5
PM	0.20

^a 40 C.F.R. Part 1039, Appendix I(b), Tier 2 Emission Standards.

- ii. The exhaust of each engine must contain no greater than 0.10 grains per dry standard¹ cubic foot (dscf) of particulate.

¹ 'Standard' conditions means a temperature of 20°C (68°F) and a pressure of 760 mm (29.92 inches) of mercury.

- iii. Except for a two-minute period after unit startup², visible emissions from the genset must not exceed 10% opacity, as determined by 40 C.F.R. Part 60, Appendix A, Test Method 9.
- iv. Visible emissions from the genset must not exceed 20% opacity for more than three minutes in any one hour, as measured by Ecology Method 9A.
- v. There must be no visible emissions from the genset at or beyond the property boundary, as measured by 40 C.F.R. Part 60, Appendix A, Test Method 22.

3. Operation & Maintenance

- a. The Permittee must follow all recommended installation, configuration, operation, and maintenance provisions supplied by emission unit and component manufacturers.
- b. An operations and maintenance (O&M) manual must be developed by the Permittee for the genset within 30 days of commencing operation. The manufacturer's instructions may be referenced in the O&M manual.

The O&M manual must include the following, at a minimum:

- i. Normal operating parameters for the genset.
 - ii. A maintenance schedule for the genset.
 - iii. A description of the monitoring procedures.
 - iv. Monitoring and record keeping requirements.
 - v. Actions for abnormal control system operation.
 - vi. Additional project-specific information, as needed.
- c. The genset must be operated and maintained in accordance with the O&M manual.
- d. The Permittee must follow manufacturer recommended diagnostic testing and maintenance procedures to ensure that the genset will conform to the emission specifications listed in Approval Condition 2.c.i, as appropriate, throughout the life of each engine.
- e. The Permittee must assess all complaints received. The Permittee must initiate corrective action in response to a complaint within three calendar days of receipt of the complaint.

4. Monitoring & Recordkeeping

- a. The O&M manual must be reviewed annually.

² Startup means the setting in operation of an engine for any purpose.

- i. The date of each review and the person performing each review must be documented in the O&M manual.
 - ii. The O&M manual must be updated to reflect any modifications to the genset.
- b. O&M records must be kept on premises in hard copy or readily available on-site electronically.
- c. For all air-quality related complaints, the following records must be kept:
 - i. A written record of the complaint received by the Permittee or forwarded to the Permittee.
 - ii. The Permittee's action to investigate the validity of the complaint, any corrective action that was taken in response to the complaint, and the effectiveness of the remedial action.
- d. The date, time, duration, and cause of any periods where control technology equipment is out of service must be documented and maintained.
- e. All data required by this NOC Approval Order must be maintained in a readily retrievable manner for a period of five years and must be made available to authorized representatives of Ecology upon request.
- f. The Permittee must complete any additional monitoring or recordkeeping necessary to determine compliance with the requirements of this NOC Approval Order, as determined by Ecology.
- g. The genset must be equipped with a properly installed and maintained non-resettable meter that continuously³ tracks hours of operation.
 - i. The annual hours of operation for the genset must be compiled monthly, on a rolling 12-month basis.
 - ii. An operation log must be maintained for the genset. The log must indicate: the purpose of each period of engine operation; the hours operated; and the operating load.
- h. An upset condition log for the genset that includes date, time, duration of upset, cause, and corrective action must be maintained.
- i. The Permittee must keep fuel receipts with amount of diesel and sulfur content for each delivery.

³ Continuously means 95% of the monthly engine operations, except for periods of monitoring system down-time, provided that the Permittee demonstrates that the down time was not a result of inadequate design, operation, maintenance, or any other reasonably preventable condition, and any necessary repairs to the monitoring system were conducted prior to the next planned operation.

5. **Testing**

Neither initial testing nor regular testing are required in this NOC Approval Order.

6. **Reporting**

- a. All notifications, plans, reports, and other submittals must be submitted in a manner approved by Ecology.
- b. The Permittee must notify Ecology within three business days of the receipt of any complaint regarding emissions from the genset.
- c. The Permittee must notify Ecology within thirty days of the following events:
 - i. Completion of the construction of the project.
 - ii. If operation has been discontinued for more than 18 months.

7. **General Conditions**

- a. **Activities Inconsistent with this Order** – Any activity undertaken by the Permittee, or others, in a manner that is inconsistent with the data and specifications submitted as part of the NOC application or this NOC Approval Order, must be subject to Ecology enforcement under applicable regulations.
- b. **Availability of Order** – Legible copies of this NOC Approval Order and any O&M manual(s) must be available to employees in direct operation of the equipment described in the NOC application and must be available for review upon request by Ecology.
- c. **Compliance Assurance Access** – Access to the source by representatives of Ecology or the United States Environmental Protection Agency (EPA) must be permitted upon request. Failure to allow access is grounds for enforcement action under the federal Clean Air Act or the Washington State Clean Air Act, and may result in revocation of this NOC Approval Order.
- d. **Discontinuing Construction** – Approval to construct or modify a stationary source becomes invalid if construction is not commenced within eighteen months after receipt of the approval, or if construction is discontinued for a period of eighteen months or more. The permitting authority may extend the eighteen-month period upon a satisfactory showing by the permittee that an extension is justified.
- e. **Equipment Operation** – Operation of the facility must be conducted in compliance with all data and specifications submitted as part of the NOC application and in accordance with O&M manuals, unless otherwise approved in writing by Ecology.
- f. **Registration** – Periodic emissions inventory and other information may be requested by Ecology as part of Registration Program requirements listed in WAC 173-400-099 through 173-400-105. The requested information must be submitted within 30 days of

receiving the request, unless otherwise specified. All fees must be paid by the date specified.

- g. **Testing** – When information obtained by Ecology indicates the need to quantify emissions, Ecology may require the Permittee to conduct material analysis or air emission testing under WAC 173-400-105. This testing requirement is in addition to any testing required by Ecology in this Order, other permits, or other state or federal requirements.
- h. **Violation Duration** – If the Permittee violates an approval condition in this NOC Approval Order, testing, recordkeeping, monitoring, or credible evidence will be used to establish the starting date of the violation. The violation will be presumed to continue until testing, recordkeeping, monitoring, or other credible evidence indicates compliance. A violation of an approval condition includes, but is not limited to, failure of air pollution control equipment, failure of other equipment resulting in increased emissions, or a failed source test indicating an exceedance of an emission limit.
- i. **Obligations Under Other Laws or Regulations** – Nothing in this NOC Approval Order must be construed to relieve the Permittee of its obligations under any state, local, or federal laws or regulations.
- j. **Maintaining Compliance** – It must not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the operations to maintain compliance with the conditions of this NOC Approval Order.
- k. **Changes in Operations** – Any changes in operation contrary to information submitted in the NOC application must be reported to Ecology at least 60 days before the changes are implemented. Such changes in operation may require a new or amended NOC Approval Order.

Authorization may be modified, suspended, or revoked in whole or part for cause, including, but not limited to, the following:

- Violation of any terms or conditions of this authorization.
- Obtaining this authorization by misrepresentation or failure to disclose full all relevant facts.

The provisions of this authorization are severable and, if any provision of this authorization or application of any provision to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this authorization, must not be affected thereby.

Your Right to Appeal

You have a right to appeal this NOC Approval Order to the Pollution Control Hearings Board (PCHB) within 30 days of the date of receipt. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. “Date of receipt” is defined in RCW 43.21B.001(2).

To appeal you must do all of the following within 30 days of the date of receipt of this NOC Approval Order:

- File your notice of appeal and a copy of this Order with the PCHB (see filing information below). “Filing” means actual receipt by the PCHB during regular business hours as defined in Chapter 371-08-305 WAC and -335. “Notice of appeal” is defined in Chapter 371-08-340 WAC.
- Serve a copy of your appeal and this NOC Approval Order on Ecology in paper form – by mail or in person (see addresses below); email is not accepted.

You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

Address and Location Information

Street Addresses:

Department of Ecology
Attn: Appeals Processing Desk
300 Desmond Drive SE
Lacey, WA 98503

Pollution Control Hearings Board
1111 Israel Rd SW
STE 301
Tumwater, WA 98501

Mailing Addresses:

Department of Ecology
Attn: Appeals Processing Desk
PO Box 47608
Olympia, WA 98504-7608

Pollution Control Hearings Board
PO Box 40903
Olympia, WA 98504-0903

Email Address:

Department of Ecology
ecologyappeals@ecy.wa.gov

Pollution Control Hearings Board
pchb-shbappeals@elaho.wa.gov

Americans with Disabilities Act Information

Accommodation Requests

To request ADA accommodation including materials in a format for the visually impaired, call Ecology at 360-407-7668 or visit <https://ecology.wa.gov/accessibility>. People with impaired hearing may call Washington Relay Service at 711. People with speech disability may call TTY at 877-833-6341.

Dated on this XXnd Day of September, 2026.

Prepared by:

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State of Washington

Approved by:

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