

June 22, 2022

Sam Gibbons, Regional Hatchery Operations Manager  
Washington Department of Fish and Wildlife - Hatcheries  
5525 South 11<sup>th</sup> Street  
Ridgefield, WA 98642

RE: Final Air Discharge Permit for Hatcheries and Associated Emergency Engines

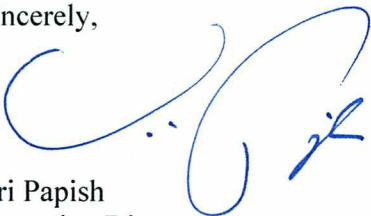
Dear Mr. Gibbons:

A final determination to issue Air Discharge Permit (ADP) 22-3518 has been completed for ADP Application CL-3195 pursuant to Section 400-110(4) of the General Regulations for Air Pollution Sources of the Southwest Clean Air Agency (SWCAA). Public notice for ADP Application CL-3195 was published in the permit section of SWCAA's website on May 24, 2022. SWCAA did not receive a request for a public comment period in response to the public notice and has concluded that significant public interest does not exist for this determination. Therefore, a public comment period will not be provided for this permitting action. Electronic copies of ADP 22-3518 and the associated Technical Support Document are available for public review in the "Recent Air Discharge Permits" section under the "Air Permits" link on SWCAA's website (<http://www.swcleanair.gov>). Original copies are enclosed for your files.

ADP 22-3518 may be appealed directly to the Pollution Control Hearings Board (PCHB) at P.O. Box 40903, Olympia, Washington 98504-0903 within thirty (30) days of receipt as provided in Revised Code of Washington (RCW) 43.21B.

If you have any questions or comments, or desire additional information, please contact me or Danny Phipps at (360) 574-3058, extension 124.

Sincerely,



Uri Papish  
Executive Director

UP:edp

Enclosure: Technical Support Document and Air Discharge Permit 22-3518





**SWCAA**  
Southwest Clean Air Agency

**AIR DISCHARGE PERMIT  
22-3518**

**Issued: June 22, 2022**

**Washington Department of Fish and Wildlife - Hatcheries  
Various Locations**

**SWCAA ID – 1024**

REVIEWED BY: *Clinton Lamoreaux*  
Clinton Lamoreaux, Chief Engineer



APPROVED BY: *Uri Papish*  
Uri Papish, Executive Director

**TABLE OF CONTENTS**

1. Equipment/Activity Identification ..... 1

2. Permit Requirements..... 1

    Emission Limits ..... 2

    Operating Limits and Requirements ..... 2

    Monitoring and Recordkeeping Requirements ..... 3

    Emission Monitoring and Testing Requirements ..... 3

    Reporting Requirements ..... 4

3. General Provisions ..... 4

## 1. Equipment/Activity Identification

ID No.	Equipment/Activity	Control Equipment/Measure
1	Vancouver Hatchery Emergency Generator Engine	Ultralow Sulfur ( $\leq 15$ ppm) Liquid Fuel Limited Operation ( $\leq 100$ hr/yr)
2	Skamania Hatchery Emergency Generator Engine	Ultralow Sulfur ( $\leq 15$ ppm) Liquid Fuel Limited Operation ( $\leq 100$ hr/yr)
3	Washougal Hatchery Buildings Emergency Generator Engine	Ultralow Sulfur ( $\leq 15$ ppm) Liquid Fuel Limited Operation ( $\leq 100$ hr/yr)
4	Washougal Hatchery Intake Pump Emergency Generator Engine	Ultralow Sulfur ( $\leq 15$ ppm) Liquid Fuel Limited Operation ( $\leq 100$ hr/yr)
5	Mossyrock Hatchery Emergency Generator Engine	Ultralow Sulfur ( $\leq 15$ ppm) Liquid Fuel Limited Operation ( $\leq 100$ hr/yr)
6	Kalama Falls Hatchery Main Emergency Generator Engine	Ultralow Sulfur ( $\leq 15$ ppm) Liquid Fuel Limited Operation ( $\leq 100$ hr/yr)
7	Kalama Falls Hatchery Housing Emergency Generator Engine	Ultralow Sulfur ( $\leq 15$ ppm) Liquid Fuel Limited Operation ( $\leq 100$ hr/yr)
8	North Toutle Hatchery Emergency Generator Engine	Ultralow Sulfur ( $\leq 15$ ppm) Liquid Fuel Limited Operation ( $\leq 100$ hr/yr)
9	Fallert Creek Hatchery Emergency Generator Engine	Ultralow Sulfur ( $\leq 15$ ppm) Liquid Fuel Limited Operation ( $\leq 100$ hr/yr)
10	Beaver Creek Hatchery Emergency Generator Engine	Ultralow Sulfur ( $\leq 15$ ppm) Liquid Fuel Limited Operation ( $\leq 100$ hr/yr)

## 2. Permit Requirements

The following tables detail the specific requirements of this Air Discharge Permit (ADP). In addition to the requirements listed below, equipment at this facility may be subject to other federal, state, and local regulations. The requirement number is identified in the left-hand column. The text of the requirement is contained in the middle column. The emission unit, equipment, or activity to which the requirement applies is listed in the right-hand column.

ADP 22-3518 supersedes ADP 13-3038 and SUN-085 in their entirety.

### Emission Limits

Req. No.	Emission Limits	Equipment/ Activity ID No.
1.	<p>Visible emissions from the emergency generator engines must not exceed the following for more than three (3) minutes in any 1-hour period as determined by a Certified Observer in accordance with SWCAA Method 9:</p> <p>(a) Twenty percent (20%) during startup; and</p> <p>(b) Five percent (5%) at all other times.</p> <p>The startup period is defined as the first twenty (20) minutes of operation from a cold start.</p>	1-10

### Operating Limits and Requirements

Req. No.	Operating Limits and Requirements	Equipment/ Activity ID No.
2.	Reasonable precautions must be taken at all times to prevent and minimize fugitive emissions from plant operations.	Facility-wide
3.	Operations that cause or contribute to a nuisance odor must use recognized good practice and procedures to reduce these odors to a reasonable minimum.	Facility-wide
4.	Emission units and activities identified in this ADP must be maintained and operated in total and continuous conformity with the conditions identified in this ADP. SWCAA reserves the right to take any and all appropriate action to maintain the conditions of this ADP, including directing the facility to cease operations until corrective action can be completed.	Facility-wide
5.	Each pollution control device must be operated whenever the processing equipment served by that air pollution control device is in operation. Control devices must be operated and maintained in accordance with the manufacturer's specifications. Furthermore, air pollution control devices must be operated in a manner that minimizes emissions.	Facility-wide
6.	The exhaust from the Fallert Creek Hatchery, Washougal Hatchery Intake, and Skamania Hatchery Emergency Generator Engines must be discharged vertically above the level of the building or enclosure in which it is housed. Any device that obstructs or prevents vertical discharge is prohibited.	2,4,9
7.	The Emergency Generator Engines must only be fired on fuel oil with a maximum sulfur content of 15 ppmw. Any fuel other than ultra-low sulfur fuel oil must be approved by SWCAA in writing prior to use.	1-10
8.	The Emergency Generator Engines must be equipped with non-resettable hour meters to record hours of operation.	1-10
9.	Operation of the Emergency Generator Engines for maintenance checks and readiness testing must not exceed 100 hours per year, each. Emergency operation of the emergency engines is not limited.	1-10

<b>Req. No.</b>	<b>Operating Limits and Requirements</b>	<b>Equipment/ Activity ID No.</b>
10.	Operation of the Emergency Generator Engines is limited to maintenance checks, readiness testing, and as necessary to provide emergency power.	1-10

**Monitoring and Recordkeeping Requirements**

<b>Req. No.</b>	<b>Monitoring and Recordkeeping Requirements</b>	<b>Equipment/ Activity ID No.</b>
11.	With the exception of data logged by a computerized data acquisition system, each record required by this ADP must include the date and the name of the person making the record entry, at minimum. If a control device or process is not operating, a record must be made to that effect.	Facility-wide
12.	All records required by this ADP must be kept for a minimum period of no less than three (3) years and must be maintained in a form readily available for inspection by SWCAA representatives.	Facility-wide
13.	The following information must be collected, recorded at the intervals specified below, and readily available on-site for inspection: (a) The number of hours each engine identified in this Permit is operated must be recorded for each calendar year; (b) Maintenance activities that may affect emissions from the emergency generator engines must be logged for each occurrence; (c) The sulfur content of the diesel fuel burned in the emergency generator engines must be determined and recorded for each fuel delivery. A fuel supplier certification must be used in lieu of actual fuel testing; (d) Upset conditions that cause excess emissions must be recorded for each occurrence; and (e) All air quality related complaints, including odor complaints, received by the permittee regarding activities controlled by the Permittee and the results of any subsequent investigation or corrective action must be recorded for each occurrence.	1-10

**Emission Monitoring and Testing Requirements**

There are no emission monitoring or testing requirements for the approved equipment cited in this ADP.

### Reporting Requirements

Req. No.	Reporting Requirements	Equipment/ Activity ID No.
14.	<p>Excess emissions must be reported to SWCAA as follows:</p> <ul style="list-style-type: none"> <li>(a) As soon as possible, but no later than twelve (12) hours after discovery for emissions that represent a potential threat to human health or safety;</li> <li>(b) As soon as possible, but no later than forty-eight (48) hours after discovery for emissions which the Permittee wishes to claim as unavoidable pursuant to SWCAA 400-107(1); and</li> <li>(c) No later than thirty (30) calendar days after the end of the month of discovery for all other excess emissions.</li> </ul>	Facility-wide
15.	Deviations from permit conditions must be reported no later than 30 days after the end of the month during which the deviation is discovered.	Facility-wide
16.	All air quality related complaints received by the Permittee must be reported to SWCAA within three (3) calendar days of receipt. Complaint reports must include the date and time of the complaint, the name and contact information (if available) for the complainant, the nature of the complaint, and any actions taken by the Permittee to address the complaint.	Facility-wide
17.	<p>The following emissions related records must be reported to SWCAA by March 15<sup>th</sup> for the previous calendar year:</p> <ul style="list-style-type: none"> <li>(a) The number of hours each emergency generator engine was operated.</li> <li>(b) Air emissions of criteria air pollutants, volatile organic compounds, toxic air pollutants (TAPs), and hazardous air pollutants (HAPs)</li> </ul>	1-10

### 3. General Provisions

Req. No.	General Provisions
A.	For the purpose of ensuring compliance with this ADP, duly authorized representatives of the Southwest Clean Air Agency must be permitted access to the Permittee's premises and the facilities being constructed, owned, operated and/or maintained by the Permittee for the purpose of inspecting said facilities. These inspections are required to determine the status of compliance with this ADP and applicable regulations and to perform or require such tests as may be deemed necessary.
B.	The provisions, terms, and conditions of this ADP bind the Permittee, its officers, directors, agents, servants, employees, successors and assigns, and all persons, firms, and corporations acting under or for the Permittee.
C.	The requirements of this ADP survive any transfer of ownership of the source or any portion thereof.
D.	This ADP must be posted conspicuously at or be readily available near the source.
E.	This ADP will be invalidated, in whole or in part, if construction or installation of any new or modified equipment has not commenced within eighteen (18) months from date of issuance, if construction is discontinued for a period of eighteen (18) months or more without prior SWCAA approval, or if construction is not completed within a reasonable time

<b>Req. No.</b>	<b>General Provisions</b>
F.	This ADP does not supersede requirements of other Agencies with jurisdiction and further, this ADP does not relieve the Permittee of any requirements of any other governmental Agency. In addition to this ADP, the Permittee may be required to obtain permits or approvals from other agencies with jurisdiction.
G.	Compliance with the terms of this ADP does not relieve the Permittee from the responsibility of compliance with SWCAA General Regulations for Air Pollution Sources, previously issued Regulatory Orders, RCW 70A.15, Title 173 WAC or any other applicable emission control requirements, nor from the resulting liabilities and/or legal remedies for failure to comply.
H.	If any provision of this ADP is held to be invalid, all unaffected provisions of the ADP will remain in effect and be enforceable.
I.	No change in this ADP will be made or be effective except as may be specifically set forth by written order of the Southwest Clean Air Agency upon written application by the Permittee for the relief sought.
J.	The Southwest Clean Air Agency may, in accordance with RCW 70A.15, impose such conditions as are reasonably necessary to assure the maintenance of compliance with the terms of this ADP, the Washington Clean Air Act, and the applicable rules and regulations adopted under the Washington Clean Air Act.