

January 24, 2024

Bryan Wigginton, Sr. Environmental Manager  
Glacier Northwest, Inc.  
703 Broadway, Suite 510  
Vancouver, WA 98660

RE: Final Air Discharge Permit for Replacement of Bin Vent Filters

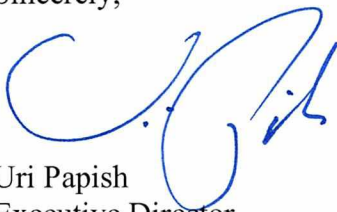
Dear Mr. Wigginton:

A final determination to issue Air Discharge Permit (ADP) 24-3622 has been completed for ADP application CL-3256 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-3256 was published in the permit section of SWCAA's website on December 13, 2023. 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 24-3622 and the associated Technical Support Document (TSD) 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 24-3622 may be appealed directly to the Pollution Control Hearings Board (PCHB) 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 Vanessa McClelland at (360) 574-3058, extension 129.

Sincerely,



Uri Papish  
Executive Director

UP:VM

Enclosure: Technical Support Document and Air Discharge Permit 24-3622





**AIR DISCHARGE PERMIT  
24-3622**

**Issued: January 24, 2024**

Glacier Northwest – East Vancouver Ready Mix  
18606 SE 1<sup>st</sup> Street, Vancouver, WA 98684

**SWCAA ID – 135**

REVIEWED BY:

Clinton Lamoreaux, Chief Engineer



APPROVED BY:

Uri Papish, Executive Director

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**1. Equipment/Activity Identification**

<b>ID No.</b>	<b>Equipment/Activity</b>	<b>Control Equipment/Measure</b>
1	Concrete Batch Plant	Dust Collector
2	Cement Silo – 2,350 ft <sup>3</sup>	Dust Collector
3	Slag Silo – 2,150 ft <sup>3</sup>	Dust Collector
4	Cement Silo – 2,150 ft <sup>3</sup>	Dust Collector
5	SCM AUX Silo – 255 barrel	Dust Collector
6	Cement Weigh Hopper	Dust Collector
7	Haul Roads	Low-Pressure Wet Suppression

**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 24-3622 supersedes ADP 20-3402 in its entirety.

**Emission Limits**

<b>Req. No.</b>	<b>Emission Limits</b>	<b>Equipment/Activity ID No.</b>								
1.	<p>Emissions from concrete plant and haul road operations must not exceed:</p> <table border="0"> <thead> <tr> <th><u>Pollutant</u></th> <th><u>Emission Limit</u></th> </tr> </thead> <tbody> <tr> <td>PM</td> <td>6.04 tpy</td> </tr> <tr> <td>PM<sub>10</sub></td> <td>2.16 tpy</td> </tr> <tr> <td>PM<sub>2.5</sub></td> <td>1.79 tpy</td> </tr> </tbody> </table> <p>Emissions must be determined consistent with Section 6 of the Technical Support Document (TSD) for this ADP.</p>	<u>Pollutant</u>	<u>Emission Limit</u>	PM	6.04 tpy	PM <sub>10</sub>	2.16 tpy	PM <sub>2.5</sub>	1.79 tpy	1–7
<u>Pollutant</u>	<u>Emission Limit</u>									
PM	6.04 tpy									
PM <sub>10</sub>	2.16 tpy									
PM <sub>2.5</sub>	1.79 tpy									
2.	Visible emissions from the concrete plant must not exceed zero percent (0%) opacity for more than three (3) minutes in any one-hour period as determined in accordance with SWCAA Method 9.	1–7								

**Operating Limits and Requirements**

<b>Req. No.</b>	<b>Operating Limits and Requirements</b>	<b>Equipment/ Activity ID No.</b>
3.	Reasonable precautions must be taken at all times to prevent and minimize fugitive emissions from plant operations.	1-7
4.	Operations that cause or contribute to a nuisance odor must use recognized good practice and procedures to reduce these odors to a reasonable minimum.	1-7
5.	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
6.	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.	1-7
7.	All exhausts must be discharged vertically into the ambient air above the level of the building roof. Any device that obstructs or prevents vertical discharge is prohibited.	1-6
8.	A pressure gauge capable of continuously monitoring pressure must be installed and maintained for the C&W Manufacturing and Sales Co. dust collector on the Concrete Batch Plant.	1
9.	A sufficient quantity of replacement filters, filter bags, or cartridges, as applicable, must be kept on site and readily available. Replacements of filters, filter bags and cartridges must be performed at the manufacturer's specified intervals or more frequent, as necessary.	1-6
10.	All deliveries of Portland cement and other powdered bulk materials (fly ash) must be made via enclosed pneumatic transfer.	2-5
11.	The Permittee must notify SWCAA at least ten (10) business days in advance of relocating approved equipment and must submit operational information (production quantities, hours of operation, location of nearest neighbor, etc.) sufficient to demonstrate that proposed operation will comply with the emission standards for a new source, and will not cause a violation of applicable ambient air quality standards, and if in a nonattainment area, will not interfere with scheduled attainment of ambient standards.	1-7

<b>Req. No.</b>	<b>Operating Limits and Requirements</b>	<b>Equipment/ Activity ID No.</b>
12.	The Permittee must notify all property owners immediately adjacent to a new job site a minimum of ten (10) business days in advance of the intended relocation. Such written notification must include a complete description of the proposed operation, the emissions control provisions and equipment, the total estimated project emissions, the name, address and phone number of the person in charge of the operation, and contact information for SWCAA. Responses from adjacent landowners must be directed to SWCAA. Authorized operations are dependent on the receipt of public response regarding the proposed relocation.	1-7

### Monitoring and Recordkeeping Requirements

<b>Req. No.</b>	<b>Monitoring and Recordkeeping Requirements</b>	<b>Equipment/ Activity ID No.</b>
13.	Except for 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
14.	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
15.	Excess emissions and upset conditions must be recorded for each occurrence.	Facility-wide
16.	Operational data for the concrete plant must be recorded as follows: (a) Concrete production must be recorded monthly; (b) Miles of haul roads driven on which type of road (paved/unpaved) must be recorded annually; (c) The differential pressure across filter media in the C&W Manufacturing and Sales Co dust collector must be recorded weekly; (d) Filter bag and cartridge replacement must be recorded for each occurrence; and (e) Maintenance and repair activities must be recorded for each occurrence.	1-7

### Emission Monitoring and Testing Requirements

None

### Reporting Requirements

<b>Req. No.</b>	<b>Reporting Requirements</b>	<b>Equipment/ Activity ID No.</b>
17.	Upset conditions must be reported to SWCAA as soon as possible after discovery by phone call or phone message, email, or fax. It is the Permittee's responsibility to verify that the upset conditions information was received.	Facility-wide

<b>Req. No.</b>	<b>Reporting Requirements</b>	<b>Equipment/ Activity ID No.</b>
18.	Excess emissions must be reported to SWCAA as follows: (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; (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 (c) No later than thirty (30) calendar days after the end of the month of discovery for all other excess emissions.	Facility-wide
19.	Deviations from permit conditions must be reported as soon as possible but no later than 30 days after the end of the month during which the deviation is discovered.	Facility-wide
20.	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
21.	An annual emissions inventory report must be submitted to SWCAA by March 15th of each year for the previous calendar year in accordance with SWCAA 400-105(1). Each report must contain, at a minimum, the following information: (a) The annual sum of emissions of criteria pollutants; (b) The annual total concrete production (yd <sup>3</sup> ); and (c) The annual number of miles driven on each type (e.g., gravel, paved) of haul road.	1-7

### 3. General Provisions

<b>Req. No.</b>	<b>General Provisions</b>
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.

<b>Req. No.</b>	<b>General Provisions</b>
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.
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.
K.	For the purposes of establishing if a condition of this ADP has been violated or is being violated, nothing in this ADP precludes the use, including the exclusive use, of any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test procedures or methods had been performed.