

October 5, 2023

Mary Salka  
Farwest Portable Crushing  
PO Box 38  
North Bonneville, WA 98639

Subject: Notification of Screen Installation – (SUN-311)

Dear Mary Salka:

The Southwest Clean Air Agency (SWCAA) received your Small Unit Notification (SUN) on September 11, 2023, for installation and operation of an aggregate screen. For administrative and tracking purposes SWCAA has assigned tracking number SUN-311 to this notification. This notification was filed in accordance with SWCAA 400-072 and applies to the installation of one aggregate screen. The unit was identified as:

- (1) KPI JCI 6' x 20' x 3 deck screen. Serial number 00FS10A32

SWCAA has completed a review of your notification and the associated support information and has determined that the notification meets the requirements of SWCAA 400-072(2). Once installed, affected equipment must maintain compliance with the requirements of SWCAA 400-072(5)(e) "**Rock crushers and aggregate screens**". A copy of the relevant SWCAA 400-072 section is attached for your information. This unit is being registered as part of the facility approved by Air Discharge Permit 20-3442; therefore, this equipment must also comply with any limitations in Air Discharge Permit 20-3442. An initial emissions test must be conducted for each new rock crusher and/or aggregate screen within 90 calendar days of commencing operation. Emission testing must be conducted in accordance with the requirements of 40 CFR 60, Subpart OOO "Standards of Performance for Nonmetallic Mineral Processing Plants."

Be advised that emission units installed pursuant to SWCAA 400-072 are subject to source registration and periodic inspection. Registration fees for this equipment will be invoiced consistent with SWCAA 400-100.

If you need further assistance or have any questions regarding these matters, please contact me at (360) 574-3058 extension 131.

Sincerely,



Clint Lamoreaux  
Chief Engineer



## SWCAA 400-072 Emission Standards for Selected Small Source Categories

[Statutory Authority: Chapter 70A.15.2040 RCW. Original adoption 09-21-056 filed 10/15/09, effective 11/15/09, 16-19-009 filed 9/8/16, effective 10/9/16; 17-11-078 filed 5/18/17, effective 6/18/17; 20-06-003 filed 2/19/20, effective 3/21/20; 21-17-054 filed 8/10/21, effective 9/10/21; 23-03-057 filed 1/11/23, effective 2/11/23]

### (5) Source categories.

#### (e) Rock Crushing Operations.

- (i) **Applicability.** The provisions of this section apply to individual rock crushers and aggregate screens proposed for installation at existing rock crushing operations subject to facility-wide emission limits established by SWCAA. The affected rock crushing operation, including the new rock crusher and/or aggregate screen, must continue to comply with existing emission and/or process limits subsequent to installation.

The provisions of this section do not apply to internal combustion engines associated with proposed rock crushers or aggregate screens. Such engines are subject to the requirements of SWCAA 400-045 or 400-109, as applicable.

#### (ii) Emission limits and standards.

- (A) Visible emissions from rock crushing operations must not exceed 0% opacity for more than three (3) minutes in any one hour period as determined in accordance with SWCAA Method 9 (SWCAA 400, Appendix A).

#### (iii) General requirements.

- (A) Each rock crusher and aggregate screen must be equipped with a high pressure water spray system for the control of fugitive PM emissions. Operating pressure in each spray system must be maintained at 80 psig or greater. A functional pressure gauge must be maintained onsite with a connection point provided for the purpose of demonstrating compliance with the minimum pressure requirement.
- (B) Spray/fog nozzles in the high pressure water spray system must be visually inspected a minimum of once per week when in operation to ensure proper function. Clogged or defective nozzles must be replaced or repaired prior to subsequent operation.
- (C) Material handling points including, but not limited to, conveyor transfer points, aggregate storage piles, and haul roads must be watered at reasonable intervals as necessary to control fugitive dust emissions.
- (D) Additional wet suppression measures must be employed, as necessary, to control fugitive dust from haul roads, rock crushing, and material handling equipment in the event that process changes or weather patterns result in insufficient water application to control fugitive dust from plant operations.
- (E) Each rock crusher and/or aggregate screen subject to 40 CFR 60, Subpart OOO "Standards of Performance for Nonmetallic Mineral Processing Plants" must comply with the applicable requirements of that regulation (as in effect on the date cited in SWCAA 400-025).
- (F) For portable rock crushing operations, the owner or operator must notify the Agency in advance of relocating approved equipment and submit operational information (such as 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.

- (iv) **Recordkeeping requirements.** The information listed below must be recorded at the specified intervals and maintained in a readily accessible form for a minimum of 3 years. Each required record must include the date and the name of the person making the record entry.
  - (A) Visual inspection of spray/fog nozzles must be recorded weekly;
  - (B) Maintenance, repair, or replacement of affected equipment must be recorded for each occurrence;
  - (C) Quantity and size of crushed/screened material must be recorded monthly;
  - (D) Relocation of rock crushing equipment must be recorded for each occurrence.
  - (E) Upset conditions that cause excess emissions must be recorded for each occurrence; and
  - (F) All air quality related complaints received by the owner or operator and the results of any subsequent investigation or corrective action must be recorded promptly after each occurrence.
- (v) **Emission monitoring requirements.** An initial emissions test must be conducted for each rock crusher and/or aggregate screen subject to 40 CFR 60, Subpart OOO "Standards of Performance for Nonmetallic Mineral Processing Plants" that has not previously been tested. Testing must be conducted within 90 calendar days of commencing operation. All emission testing must be conducted in accordance with the requirements of that regulation (as in effect on the date cited in SWCAA 400-025).
- (vi) **Reporting requirements.**
  - (A) The owner or operator of an affected "emission unit" must provide written notification of initial operation to SWCAA within 10 days of occurrence.
  - (B) All air quality related complaints received by the owner or operator must be reported to SWCAA within 3 business days of receipt.
  - (C) The owner or operator of an affected rock crusher or aggregate screen must report the following information to the Agency no later than March 15<sup>th</sup> for the preceding calendar year:
    - (I) Quantity and size of crushed/screened material throughput;
    - (II) Air emissions of criteria air pollutants.
  - (D) Emission testing results for each rock crusher and/or aggregate screen subject to 40 CFR 60, Subpart OOO must be reported to the Agency within 45 calendar days of test completion.