Northwest Clean Air Agency (NWCAA) hereby issues Order of Approval to Construct (OAC) 1329

Project Summary: Construct and operate a concrete batch plant.

Approved Emission Units:

- Three cement/cement supplement silos equipped with WAM Silotop cartridge filtration systems, with an air to cloth ratio of 3.6 and bags that are at least 95% efficient.
- Weigh hopper, concrete mixer, hydraulic block press, and plate scraper, vented to a Dustmac P-90 fabric filtration system with an air to cloth ratio of 4.86 and bags that are at least 96.8% efficient.
- Vehicles operated on paved and unpaved roads inside the facility

Owner/Operator	Facility Name and Location
Sumas Concrete Products 3867 Kneuman Road Sumas, WA 98295 Contact: Severin Samulski	Sumas Concrete Products 3867 Kneuman Road Sumas, WA 98295

Issuance of this Order is authorized by Northwest Clean Air Agency Regulation Section 300. The Owner/Operator must comply with the following restrictions and conditions[1]:

(1) Produce not more than 220,000 tons of concrete products per 12 consecutive months. Keep and update records monthly that show the amount of concrete products produced for the preceding 12 consecutive months.

(2) Equip each cement/cement supplement storage silo with a level indicator to prevent overfilling.

(3) Control emissions from each cement/cement supplement silo using WAM Silotop cartridge filtration units. Operate the WAM Silotop cartridge filtration units at all times when cement/cement supplement is loaded into or out of the storage silos.

(4) Control emissions from the weigh hopper, concrete mixer, hydraulic block press, and plate scraper using the Dustmac P-90 fabric filtration system. Operate the filtration system at all

[1] Nothing in this permit is intended to, or shall, alter or waive any applicable law [including but not limited to defenses, entitlements, challenges or clarifications related to the Credible Evidence Rule, 62 FR 8315 (Feb. 27, 1997)] concerning the use of data for any purpose under the Act, generated by the reference method specified herein or otherwise.

Pursuant to Section 300.10 of the NWCAA Regulation and ch 43.21B RCW, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon the NWCAA within 30 days of the date the applicant receives this Order. Additional information regarding appeal procedures can be found at: http://www.eluho.wa.gov/ under PCHB.

times when any of the equipment vented to it is operating.

(5) Install gauges that continuously measure the differential pressure across the filter media in the Dustmac P-90 and WAM Silotop filter systems. Determine, using manufacturer recommendations or through engineering judgment, the acceptable range of differential pressure across each filter media and post the range where it is easily seen while viewing the gauge.

(6) Once per operating day, while the filter systems are operating, inspect the filter media and record the pressure drop reading to ensure it is within the range established. Maintain a written log that includes the results of the inspection, the differential pressure readings, and the time, date, and initials of the person making the record. Correct any problems identified by these inspections before resuming operation. List corrective actions taken in the log.

(7) Visible emissions from all filter media exhaust stacks shall not exceed zero percent opacity for more than three minutes in any consecutive sixty-minute period as determined by Washington State Department of Ecology Method 9A.

(8) Maintain and operate the Dustmac P-90 and WAM Silotop filter systems in accordance with the manufacturer's specifications and associated operation and maintenance manuals. Use filtration bags/cartridges approved by the manufacturer or with an equivalent PM control capture. Record all maintenance activities performed on the filter systems in a maintenance log.

(9) Totally enclose all cement and cement supplement conveying systems to the weigh hopper.

(10) Develop and comply with a fugitive dust control plan (FDCP) for minimizing fugitive dust generated at the facility. The FDCP shall, at a minimum, cover aggregate and sand washing, sand and aggregate conveying systems, weigh hopper, truck drop, aggregate storage, internal haul roads and unpaved materials handling areas, including control of vehicular track-out from the facility. The FDCP shall have provisions for regularly watering or treating areas with water or dust suppressants to prevent visible fugitive dust.

(11) Visible fugitive dust observed at or beyond the facility property line is prohibited.

(12) Keep records required in this Order for at least three years from their date of generation and keep them readily available for review by NWCAA personnel.

(13) Provide written notice to the NWCAA of the startup date of the concrete batch plant following completion of construction. The notice shall be postmarked no later than 15 days after startup and include a reference to OAC 1329.

DRAFT

Christos Christoforou, P.E.
Engineer

Agata McIntyre, P.E.
Engineering Manager