

Skagit Aggregates LLC
Rockport Pit
Written Dust Suppression Plan
Updated February 1, 2023

This written dust suppression plan is intended to meet the requirements of Skagit County Code 14.16.440(8)(e) and follows the Northwest Clean Air Agency's regulations regarding Crushing Operations and Portable Sources (Section 512 and 514) but not necessarily as a requirement for permitting with the Northwest Clean Air Agency. Crushing operations less than 4,500 tons/day may be exempt from New Source Review permitting per NWCAA Section 300.3(J)(32).

Equipment used in Rockport pit operation

CAT 980 or equivalent wheel loader

CAT 345 or equivalent tracked excavator

CAT D8 or equivalent dozer

Kenworth 3,000 Gallon or equivalent water truck with spray bars and hose reel.

Portable 20,000 Gallon water tank with pump, hoses, and manifold

500 Gallon Multiquip water trailer with pump, hoses, and sprinklers

Water Source

The Rockport Pit does not currently have access to water on site and must be trucked in from other sources. When appropriate a morning watering of the travel roads are sufficient and can be accomplished by the water truck.

Equipment Setup Guidelines

Per GOA 11AQ-GO-001 1.4, all crushing equipment must be located a minimum of 150 feet from the property line. Per Skagit County Code crushing equipment must be located a minimum of 200 feet from the property line.

During the mining phase of operation, other equipment will maintain a 100 foot buffer from the property line. During reclamation work, equipment may operate inside of the 100 foot buffer.

Dust Suppression Plan GOA 11AQ-GO-001 1.3

The main water supply for dust suppression in any mobile equipment when producing visible dust emissions will consist of a 20,000 Gallon water tank, 100'-150' primary water hose to a manifold and secondary water lines to each individual piece of equipment. An alternative setup when appropriate will be to use the 500 Gallon water trailer or 3,000 Gallon water truck connected to equipment for dust suppression.

Dust suppression will be used to reduce visible emissions from mobile equipment, including but not limited to, any crusher, screening operation, belt conveyor, or transfer point, greater than 5% opacity for no more than an aggregate of 3 minutes in any consecutive 60-minute period, as measured by

Ecology Method 9A, are prohibited. Visible emissions observed at or beyond the property boundary are prohibited. NWCAA 512.4

Skagit Aggregates dust suppression plan is intended to prevent or minimize dust from fugitive and process emission points at the following locations/processes:

(1) Materials loading (e.g., front-end loader dumping, surface mining, loading primary (jaw) crusher, loading aggregate trucks, aggregate and/or waste added to/removed from stockpiles);

Dust suppression during materials loading will be achieved by means of the water truck when necessary, using the side discharge nozzles or attached hose reel to wet the area/material prior to loading.

Alternatively, the water trailer with attached hoses and sprinklers system can be set up to provide long term dust suppression during material loading.

(2) Wind erosion;

If wind erosion is occurring at the stockpiles the water truck or water trailer can be used to wet the area of concern. If practical using heavy equipment on site to alter the face or pile should be used to prevent wind erosion.

(3) Paved and unpaved traveled surfaces;

Paved and unpaved traveled surfaces will be watered with the water truck when necessary to prevent dust.

(4) Conveyors;

Conveyors used in the crushing operation will be connected to the water supply for dust suppression when necessary.

(5) Crushers;

Crushing units used at this site shall comply with the appropriate "Written Dust Suppression Plan – Mobile Crushing Operation". They will be connected to the water supply for dust suppression when necessary.

(6) Screens; and

When the screen plant is used in the crushing operation it will be connected to the water supply. This screen is not factory equipped with dust suppression however spray bars are added to the transfer points.

(7) Other fugitive and process emission points, as applicable.

Recordkeeping requirement

Inspections for visible emissions from the pit operations including at or beyond the property boundary will be ongoing. At any time, if visible emissions are seen in excess of the limit in NWCAA 512.5 (B), take corrective action and update Dust Suppression Plan as necessary.

If visible emissions are observed, an inspection report shall be entered to the company's equipment maintenance program (Fleetio Go – Inspection under the individual site) including; (1) Date & time of

inspections. (2) Outcome of the observations of visible emissions. (3) What action(s) in the Dust Suppression Plan is/are being followed. (4) Description of corrective action taken if dust emissions were observed. (5) Name of person making the record. Regular reporting frequency will not be required for normal pit operations.