



State of Utah

SPENCER J. COX
Governor

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Lieutenant Governor

Department of
Environmental Quality

Tim Davis
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQE-IN162440003-25

December 22, 2025

Quin Bingham
Granite Construction Company
1000 North Warm Springs Road
Salt Lake City, UT 84116
quin.bingham@gcinc.com

Dear Mr. Bingham:

Re: Intent to Approve: Modification to Approval Order DAQE-AN162440002-25 to Update Virgin Aggregate and Reclaimed Asphalt Pavement Production Limits
Project Number: N162440003

The attached document is the Intent to Approve (ITA) for the above-referenced project. The ITA is subject to public review. Any comments received shall be considered before an Approval Order (AO) is issued. The Division of Air Quality is authorized to charge a fee for reimbursement of the actual costs incurred in the issuance of an AO. An invoice will follow upon issuance of the final AO.

Future correspondence on this ITA should include the engineer's name, **Christine Bodell**, as well as the DAQE number as shown on the upper right-hand corner of this letter. Christine Bodell, can be reached at (385) 290-2690 or cbodell@utah.gov, if you have any questions.

Sincerely,

Alan D. Humpherys, Manager
New Source Review Section

ADH:CB:jg

cc: Salt Lake County Health Department

STATE OF UTAH
Department of Environmental Quality
Division of Air Quality

INTENT TO APPROVE
DAQE-IN162440003-25
Modification to Approval Order DAQE-AN162440002-25 to
Update Virgin Aggregate and Reclaimed Asphalt
Pavement Production Limits

Prepared By
Christine Bodell, Engineer
(385) 290-2690
cbodell@utah.gov

Issued to
Granite Construction Company - Magna Asphalt Plant

Issued On
December 22, 2025



New Source Review Section Manager
Alan D. Humpherys

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GENERAL INFORMATION

CONTACT/LOCATION INFORMATION

Owner Name

Granite Construction Company

Source Name

Granite Construction Company - Magna Asphalt Plant

Mailing Address1000 North Warm Springs Road
Salt Lake City, UT 84116**Physical Address**2185 South 7400 West
Magna, UT 84044**Source Contact**Name: Quin Bingham
Phone: (801) 526-6050
Email: quin.bingham@gcinc.com**UTM Coordinates**409,800 m Easting
4,508,600 m Northing
Datum NAD83
UTM Zone 12**SIC code** 2951 (Asphalt Paving Mixtures & Blocks)

SOURCE INFORMATION

General Description

Granite Construction Company (Granite) operates an aggregate processing and hot mix asphalt (HMA) plant in Magna, Salt Lake County.

To produce HMA, raw materials such as virgin aggregates, recycled asphalt pavement (RAP), and asphalt cement are hauled on site and stored. Virgin aggregates are stored in one (1) large stockpile segregated by concrete partitions based on size. The RAP is sized and sorted via crushers, conveyors, and screens and then stockpiled. Asphalt cement is stored onsite in asphalt cement storage tanks. Both virgin aggregates and processed RAP are loaded into hoppers using a frontend loader and conveyed into the asphalt plant drum via a conveyor system. Asphalt cement is added to the aggregate/RAP mix within the drum, and the final asphalt produced is conveyed to one of the storage silos via a drag slat conveyor. Asphalt is then loaded into haul trucks for offsite transport.

Annual production is limited to 650,000 tons of HMA, 617,500 tons of processed virgin aggregate material, and 160,000 tons of RAP.

NSR Classification

Minor Modification at Minor Source

Source ClassificationLocated in Northern Wasatch Front O3 NAA, Salt Lake County SO₂ NAA
Salt Lake County
Airs Source Size: B

Applicable Federal Standards

NSPS (Part 60), A: General Provisions

NSPS (Part 60), I: Standards of Performance for HMA Facilities

NSPS (Part 60), OOO: Standards of Performance for Nonmetallic Mineral Processing Plants

Title V (Part 70) Area Source

Project Description

Under Condition II.B.5.a of AO DAQE-AN162440002-25, dated October 1, 2025, Granite is permitted to produce up to 650,000 tons combined of processed aggregate material (including RAP) annually.

Granite has requested that the above annual limit be updated to 777,500 tons. Specifically, Granite has requested that the condition be modified to limit annual processed virgin aggregate material production to 617,500 tons and annual RAP production to 160,000 tons. Therefore, Condition II.B.5.a will be updated accordingly.

SUMMARY OF EMISSIONS

The emissions listed below are an estimate of the total potential emissions from the source. Some rounding of emissions is possible.

Criteria Pollutant	Change (TPY)	Total (TPY)
CO ₂ Equivalent	0	128715.00
Carbon Monoxide	0	49.59
Nitrogen Oxides	0	10.06
Particulate Matter - PM ₁₀	0	8.08
Particulate Matter - PM _{2.5}	0	1.78
Sulfur Dioxide	0	1.12
Volatile Organic Compounds	0	15.75

Hazardous Air Pollutant	Change (lbs/yr)	Total (lbs/yr)
Benzene (Including Benzene From Gasoline) (CAS #71432)	0	260
Ethyl Benzene (CAS #100414)	0	160
Formaldehyde (CAS #50000)	0	2100
Generic HAPs (CAS #GHAPS)	0	540
Hexane (CAS #110543)	0	600
Toluene (CAS #108883)	0	100
	Change (TPY)	Total (TPY)
Total HAPs	0	1.88

PUBLIC NOTICE STATEMENT

The NOI for the above-referenced project has been evaluated and has been found to be consistent with the requirements of UAC R307. Air pollution producing sources and/or their air control facilities may not be constructed, installed, established, or modified prior to the issuance of an AO by the Director.

A 30-day public comment period will be held in accordance with UAC R307-401-7. A notification of the intent to approve will be published in the Salt Lake Tribune and Deseret News on December 24, 2025.

During the public comment period, the proposal and the evaluation of its impact on air quality will be available for the public to review and provide comment. If anyone so requests a public hearing within 15 days of publication, it will be held in accordance with UAC R307-401-7. The hearing will be held as close as practicable to the location of the source. Any comments received during the public comment period and the hearing will be evaluated. The proposed conditions of the AO may be changed as a result of the comments received.

SECTION I: GENERAL PROVISIONS

The intent is to issue an air quality AO authorizing the project with the following recommended conditions and that failure to comply with any of the conditions may constitute a violation of the AO.

I.1	All definitions, terms, abbreviations, and references used in this AO conform to those used in the UAC R307 and 40 CFR. Unless noted otherwise, references cited in these AO conditions refer to those rules. [R307-101]
I.2	The limits set forth in this AO shall not be exceeded without prior approval. [R307-401]
I.3	Modifications to the equipment or processes approved by this AO that could affect the emissions covered by this AO must be reviewed and approved. [R307-401-1]
I.4	All records referenced in this AO or in other applicable rules, which are required to be kept by the owner/operator, shall be made available to the Director or Director's representative upon request, and the records shall include the two-year period prior to the date of the request. Unless otherwise specified in this AO or in other applicable state and federal rules, records shall be kept for a minimum of two (2) years. [R307-401-8]
I.5	At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any equipment approved under this AO, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Director which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. All maintenance performed on equipment authorized by this AO shall be recorded. [R307-401-4]
I.6	The owner/operator shall comply with UAC R307-107. General Requirements: Breakdowns. [R307-107]
I.7	The owner/operator shall comply with UAC R307-150 Series. Emission Inventories. [R307-150]
I.8	The owner/operator shall submit documentation of the status of construction or modification to the Director by February 28, 2027. This AO may become invalid if construction is not commenced by February 28, 2027 or if construction is discontinued for 18 months or more. To ensure proper credit when notifying the Director, send the documentation to the Director, attn.: NSR Section. [R307-401-18]

SECTION II: PERMITTED EQUIPMENT

The intent is to issue an air quality AO authorizing the project with the following recommended conditions and that failure to comply with any of the conditions may constitute a violation of the AO.

II.A THE APPROVED EQUIPMENT

II.A.1	Magna HMA Plant
II.A.2	<p>One (1) HMA Drum Mixer with Burner Drum Rated Capacity: 400 tons per hour (tph) Drum Mixer Burner Heat Input Rating: 135 MMBtu/hr Drum Mixer Burner Fuel: Natural Gas Drum Mixer Burner NO_x Rating: <60 ppm</p> <p>NSPS Applicability: Subpart I</p>
II.A.3	<p>One (1) Asphalt Plant Baghouse Flow Rate: 57,000 acfm</p> <p>NSPS Applicability: Subpart I</p>
II.A.4	<p>One (1) Hot Oil Heater Rating: 5.0 MMBtu/hr Burner NO_x Rating: <30 ppm Fuel: Natural Gas</p> <p>NSPS Applicability: Subpart I</p>
II.A.5	<p>Seven (7) Storage Silos One (1) Lime Storage Silo Capacity: 25 tons Control: Fabric Filter/Bin Vent</p> <p>Six (6) HMA Storage Silos Capacity: 300 tons each</p> <p>NSPS Applicability: Subpart I</p>
II.A.6	<p>Eight (8) Storage Tanks One (1) Diesel Fuel Storage Tank Capacity: 12,000 gallons</p> <p>Seven (7) Asphalt Oil Storage Tanks Maximum Capacity: 50,000 gallons each</p>
II.A.7	<p>One (1) Pugmill Capacity: 450 tph</p> <p>NSPS Applicability: Subpart OOO</p>

II.A.8	<p>Two (2) Crushers One (1) Primary Cone Crusher Capacity: 250 tph</p> <p>One (1) Secondary Cone Crusher Capacity: 250 tph</p> <p>NSPS Applicability: Subpart OOO</p>
II.A.9	<p>Four (4) Screens Two (2) Triple-deck Screens Capacity: 250 tph each Size: 6' x 16', each</p> <p>One (1) RAP Scalping Screen Capacity: 120 tph Size: 6' x 11'</p> <p>One (1) Virgin Aggregate Scalping Screen Capacity: 380 tph Size: 7' x 11'</p> <p>NSPS Applicability: Subpart OOO</p>
II.A.10	<p>Various Conveyors NSPS Applicability: Subpart OOO</p>

SECTION II: SPECIAL PROVISIONS

The intent is to issue an air quality AO authorizing the project with the following recommended conditions and that failure to comply with any of the conditions may constitute a violation of the AO.

II.B REQUIREMENTS AND LIMITATIONS

II.B.1	Site-Wide Requirements
II.B.1.a	Unless otherwise specified in this AO, the owner/operator shall not allow visible emissions from any source on site to exceed 20% opacity. [R307-401-8]
II.B.1.a.1	Unless otherwise specified in this AO, opacity observations of emissions from stationary sources shall be conducted according to 40 CFR 60, Appendix A, Method 9. [R307-401-8]
II.B.1.b	The owner/operator shall not allow visible emissions from the dryer, conveyors, silos, and load out areas associated with the HMA plant to exceed 10% opacity. [R307-401-8]
II.B.1.c	Except during times of tank filling, the owner/operator shall operate the oil storage tanks with no visible emissions. [R307-401-8]
II.B.1.d	The owner/operator shall install a fabric filter on the lime storage silo associated with the HMA plant to control particulate emissions generated during the filling of the lime silo. Displaced air from the lime silo shall pass through a fabric filter before being vented to the atmosphere. [R307-401-8]

II.B.1.e	<p>The owner/operator shall not produce more than the following:</p> <ul style="list-style-type: none"> A. 650,000 tons combined of warm mix asphalt and HMA per rolling 12-month period B. 249,000 tons of HMA per rolling 12-month period <p>Warm mix asphalt means asphalt produced at a temperature at or below 275 degrees Fahrenheit. [R307-401-8]</p>
II.B.1.e.1	<p>The owner/operator shall:</p> <ul style="list-style-type: none"> A. Determine HMA production and warm mix asphalt production by belt scale records or scale house records B. Record HMA production and warm mix asphalt production on a daily basis C. Record HMA production temperature and warm mix asphalt production temperature on a daily basis D. Use the HMA production data and warm mix asphalt production data to calculate a new rolling 12-month total by the 20th day of each month using data from the previous 12 months E. Keep the HMA production and warm mix asphalt production records for all periods the plant is in operation. <p>[R307-401-8]</p>
II.B.2	HMA Baghouse Requirements
II.B.2.a	<p>The owner/operator shall use an HMAP baghouse to control process streams from the asphalt plant drum mixer. This baghouse shall be sized to handle at least 57,000 acfm for the existing conditions. All exhaust air from the HMA plant drum mixer shall be routed through the baghouse before being vented to the atmosphere. [R307-401-8]</p>
II.B.2.b	<p>The owner/operator shall not allow visible emissions from the HMA plant baghouse or storage silo fabric filters on site to exceed 10% opacity. [R307-401-8]</p>
II.B.2.c	<p>The owner/operator shall install a manometer or magnehelic pressure gauge to measure the static pressure differential across the baghouse. [R307-401-8]</p>
II.B.2.c.1	<p>The pressure gauge shall be located such that an inspector/operator can safely read the indicator at any time. [R307-401-8]</p>
II.B.2.c.2	<p>The pressure gauge shall measure the static pressure differential in 1-inch water column increments or less. [R307-401-8]</p>
II.B.2.d	<p>During operation of the baghouse, the owner/operator shall maintain the static pressure differential within the range recommended by the manufacturer for normal operations. [R307-401-8]</p>
II.B.2.d.1	<p>The owner/operator shall record the static pressure differential at least once per operating day while the baghouse is operating. [R307-401-8]</p>

II.B.2.d.2	<p>The owner/operator shall maintain the following records of the static pressure differential:</p> <ul style="list-style-type: none"> A. Unit identification; B. Manufacturer-recommended static pressure differential for the unit; C. Daily static pressure differential readings; D. Date of reading. <p>[R307-401-8]</p>																
II.B.2.e	<p>At least once every 12 months, the owner/operator shall calibrate the pressure gauge in accordance with the manufacturer's instructions or replace the pressure gauge. [R307-401-8]</p>																
II.B.2.e.1	<p>The owner/operator shall maintain records of the pressure gauge calibrations and replacements. [R307-401-8]</p>																
II.B.3	<p>HMA Baghouse Stack Testing Requirements</p>																
II.B.3.a	<p>The owner/operator shall not emit more than the following rates and concentrations from the HMA plant baghouse:</p> <table border="1" data-bbox="349 842 1201 961"> <thead> <tr> <th>Pollutant</th> <th>lb/hr</th> <th>grains/dscf</th> <th>ppmdv</th> </tr> </thead> <tbody> <tr> <td>PM₁₀</td> <td>3.00</td> <td>0.005</td> <td></td> </tr> <tr> <td>PM_{2.5}</td> <td>3.00</td> <td>0.005</td> <td></td> </tr> <tr> <td>NO_x</td> <td>8.58</td> <td></td> <td>60</td> </tr> </tbody> </table> <p>Concentration (ppmdv) is corrected to 3.0% oxygen, dry basis.</p> <p>[40 CFR 60 Subpart I, R307-401-8]</p>	Pollutant	lb/hr	grains/dscf	ppmdv	PM ₁₀	3.00	0.005		PM _{2.5}	3.00	0.005		NO _x	8.58		60
Pollutant	lb/hr	grains/dscf	ppmdv														
PM ₁₀	3.00	0.005															
PM _{2.5}	3.00	0.005															
NO _x	8.58		60														
II.B.3.a.1	<p>Compliance Demonstration To demonstrate compliance with the emission limitations above, the owner/operator shall perform stack testing on the emissions unit according to the stack testing conditions contained in this AO. [R307-165-2, R307-401-8]</p>																
II.B.3.a.2	<p>Initial Test The owner/operator shall conduct an initial stack test on the emission unit within 180 days after startup of the emission unit. [R307-165-2]</p>																
II.B.3.a.3	<p>Test Frequency The owner/operator shall conduct a stack test on the emission unit within five (5) years after the date of the most recent stack test of the emission unit. The Director may require the owner/operator to perform a stack test at any time. [R307-165-2, R307-401-8]</p>																
II.B.3.b	<p>The owner/operator shall conduct any stack testing required by this AO according to the following conditions. [R307-401-8]</p>																
II.B.3.b.1	<p>Notification At least 30 days prior to conducting a stack test, the owner/operator shall submit a source test protocol to the Director. The source test protocol shall include the items contained in R307-165-3. If directed by the Director, the owner/operator shall attend a pretest conference. [R307-165-3, R307-401-8]</p>																
II.B.3.b.2	<p>Testing & Test Conditions The owner/operator shall conduct testing according to the approved source test protocol and according to the test conditions contained in R307-165-4. [R307-165-4, R307-401-8]</p>																

II.B.3.b.3	<p>Access The owner/operator shall provide Occupational Safety and Health Administration (OSHA)- or Mine Safety and Health Administration (MSHA)-approved access to the test location. [R307-401-8]</p>
II.B.3.b.4	<p>Reporting No later than 60 days after completing a stack test, the owner/operator shall submit a written report of the results from the stack testing to the Director. The report shall include validated results and supporting information. [R307-165-5, R307-401-8]</p>
II.B.3.b.5	<p>Possible Rejection of Test Results The Director may reject stack testing results if the test did not follow the approved source test protocol or for a reason specified in R307-165-6. [R307-165-6, R307-401-8]</p>
II.B.3.c	<p>Test Methods When performing stack testing, the owner/operator shall use the appropriate EPA-approved test methods as acceptable to the Director. Acceptable test methods for pollutants are listed below. [R307-401-8]</p>
II.B.3.c.1	<p>Standard Conditions</p> <ul style="list-style-type: none"> A. Temperature - 68 degrees Fahrenheit (293 K) B. Pressure - 29.92 in Hg (101.3 kPa) C. Averaging Time - As specified in the applicable test method. <p>[40 CFR 60 Subpart A, 40 CFR 63 Subpart A, R307-401-8]</p>
II.B.3.c.2	<p>PM₁₀ Total PM₁₀ = Filterable PM₁₀ + Condensable PM</p> <p>Filterable PM₁₀ 40 CFR 60, Appendix A, Method 5; 40 CFR 51, Appendix M, Method 201; Method 201A; or other EPA-approved testing method as acceptable to the Director. If other approved testing methods are used which cannot measure the PM₁₀ fraction of the filterable particulate emissions, all of the filterable particulate emissions shall be considered PM₁₀.</p> <p>Condensable PM 40 CFR 51, Appendix M, Method 202 or other EPA-approved testing method as acceptable to the Director.</p> <p>The condensable particulate emissions shall not be used for compliance demonstration but shall be used for inventory purposes.</p> <p>[R307-401-8]</p>

<p>II.B.3.c.3</p>	<p>PM_{2.5} Total PM_{2.5} = Filterable PM_{2.5} + Condensable PM</p> <p>Filterable PM_{2.5} 40 CFR 60, Appendix A, Method 5; 40 CFR 51, Appendix M, Method 201A or other EPA-approved testing method as acceptable to the Director. If other approved testing methods are used which cannot measure the PM_{2.5} fraction of the filterable particulate emissions, all of the filterable particulate emissions shall be considered PM_{2.5}.</p> <p>Condensable PM 40 CFR 51, Appendix M, Method 202 or other EPA-approved testing method as acceptable to the Director.</p> <p>The condensable particulate emissions shall not be used for compliance demonstration but shall be used for inventory purposes.</p> <p>[R307-401-8]</p>
<p>II.B.3.c.4</p>	<p>NO_x 40 CFR 60, Appendix A, Method 7; Method 7E; or other EPA-approved testing method as acceptable to the Director. [R307-401-8]</p>
<p>II.B.4</p>	<p>HMA Plant Fuel Requirements</p>
<p>II.B.4.a</p>	<p>The owner/operator shall only use natural gas as fuel in the HMA drum burner and in the hot oil heater. [R307-401-8]</p>
<p>II.B.5</p>	<p>Aggregate Processing Equipment Requirements</p>
<p>II.B.5.a</p>	<p>The owner/operator shall not produce more than the following:</p> <ul style="list-style-type: none"> A. 617,500 tons of processed virgin aggregate material per rolling 12-month period B. 160,000 tons of reclaimed asphalt pavement (RAP) per rolling 12-month period. <p>[R307-401-8]</p>
<p>II.B.5.a.1</p>	<p>The owner/operator shall:</p> <ul style="list-style-type: none"> A. Determine processed virgin aggregate material production and RAP production by scale house records or vendor receipts B. Record processed virgin aggregate material production and RAP production on a daily basis C. Use the processed virgin aggregate material production and RAP production data to calculate a new rolling 12-month total by the 20th day of each month using data from the previous 12 months D. Keep the processed virgin aggregate material production and RAP production records for all periods the plant is in operation. <p>[R307-401-8]</p>
<p>II.B.5.b</p>	<p>The owner/operator shall install water sprays on each crusher, screen, conveyor transfer point, and conveyor drop point on site to control emissions. Water sprays shall operate as necessary to prevent visible emissions from exceeding the opacity limits listed in this AO. [R307-401-8]</p>

II.B.5.c	The owner/operator shall perform monthly periodic inspections to check that water is flowing to water sprays associated with each crusher, screen, and conveyor. If the owner/operator finds that water is not flowing properly during an inspection of the water sprays, the owner/operator shall initiate corrective action within 24 hours and complete corrective action as expeditiously as practical. [40 CFR 60 Subpart OOO, R307-401-8]
II.B.5.c.1	Records of the water spray inspections shall be maintained in a logbook for all periods when the plant is in operation. The records shall include the following items: A. Date the inspections were made B. Any corrective actions taken C. Control mechanism used if sprays are not operating. [40 CFR 60 Subpart OOO, R307-401-8]
II.B.5.d	The owner/operator shall not exceed the following opacity limits for the indicated emission units. A. Crushers - 12% Opacity B. Screens - 7% Opacity C. Conveyor Transfer Points - 7% Opacity D. Conveyor Drop Points - 20% Opacity. [40 CFR 60 Subpart OOO, R307-312-4, R307-401-8]
II.B.5.e	The owner/operator shall conduct an initial performance test for each crusher, screen, and conveyor transfer point on site. Performance tests shall demonstrate compliance with the limitations specified in Table 3 to Subpart OOO. [40 CFR 60 Subpart OOO]
II.B.5.e.1	Initial performance tests for fugitive emissions limits shall be conducted according to 40 CFR 60.675(c). The owner or operator may use methods and procedures specified in 40 CFR 60.675(e) as alternatives to the reference methods and procedures specified in 40 CFR 60.675(c). [40 CFR 60 Subpart OOO]
II.B.5.e.2	The owner/operator shall keep and maintain records of the initial performance test for each crusher, screen, and conveyor for the life of the equipment. [40 CFR 60 Subpart OOO, R307-401-8]
II.B.6	All Haul Roads and Fugitive Dust Sources Requirements
II.B.6.a	The owner/operator shall not allow visible emissions from haul roads and fugitive dust sources on site to exceed 20% opacity on site and 10% opacity at the property boundary. [R307-309]
II.B.6.a.1	Opacity observations of fugitive dust from intermittent sources shall be conducted according to 40 CFR 60, Appendix A, Method 9; however, the requirement for observations to be made at 15-second intervals over a six-minute period shall not apply. The number of observations and the time period shall be determined by the length of the intermittent source. For fugitive dust generated by mobile sources, visible emissions shall be measured at the densest point of the plume but at a point not less than one-half vehicle length behind the vehicle and not less than one-half the height of the vehicle. [R307-309, R307-401-8]

<p>II.B.6.b</p>	<p>The owner/operator:</p> <ul style="list-style-type: none"> A. Shall not have more than 5,280 feet (1.0 mile) of total haul roads (including paved and unpaved haul roads) on site B. Shall not pave less than 4,224 feet (0.8 miles) of haul roads on site. <p>[R307-401-8]</p>
<p>II.B.6.b.1</p>	<p>To determine compliance with the above limits, the owner/operator shall measure the paved and unpaved haul road lengths at least once every twelve (12) months and shall maintain a record of the lengths of the paved and unpaved haul roads. Compliance shall be determined through Global Positioning System (GPS) measurements or aerial photographs. [R307-401-8]</p>
<p>II.B.6.c</p>	<p>An operational vacuum sweeper and water truck shall be made available during each operating day. The owner/operator shall vacuum sweep and flush with water all the paved haul roads on site to maintain opacity limits listed in this AO. If the temperature is below freezing, the owner/operator shall continue to vacuum sweep the road but may stop flushing the paved haul roads with water. Flushing the paved haul road with water shall resume when the temperature is above freezing. If the haul roads are covered with snow or ice, the owner/operator may stop vacuum sweeping the paved haul roads. Vacuum sweeping the paved haul roads shall resume when the haul roads are cleared from snow and ice. [R307-401-8]</p>
<p>II.B.6.c.1</p>	<p>Records of sweeping and water application shall be kept for all periods when the plant is in operation. The records shall include the following items:</p> <ul style="list-style-type: none"> A. Date and time treatments were made B. Number of treatments made and quantity of water applied C. Rainfall amount received, if any D. Records of temperature, if the temperature is below freezing E. Records shall note if the paved haul roads are covered with snow or ice. <p>[R307-401-8]</p>
<p>II.B.6.d</p>	<p>The owner/operator shall cover all unpaved haul roads and wheeled-vehicle operational areas with road base material, and an operational water truck shall be made available during each operating day. The owner/operator shall use water application to maintain opacity limits listed in this AO. If the temperature is below freezing, the owner/operator may stop applying water to the unpaved haul roads and wheeled-vehicle operational areas. The owner/operator shall resume applying water to the unpaved haul roads and wheeled-vehicle operational areas when the temperature is above freezing. [R307-401-8]</p>

<p>II.B.6.d.1</p>	<p>Records of water application shall be kept for all periods when the plant is in operation. The records shall include the following items:</p> <ul style="list-style-type: none"> A. Date and time treatments were made B. Number of treatments made and quantity of water applied C. Rainfall amount received, if any D. Records of temperature, if the temperature is below freezing. <p>[R307-401-8]</p>
<p>II.B.6.e</p>	<p>The owner/operator shall not exceed the following:</p> <ul style="list-style-type: none"> A. 1.8 acres combined, occupied by all storage piles on site B. 0.7 acres combined, occupied by all disturbed area on site. <p>[R307-401-8]</p>
<p>II.B.6.e.1</p>	<p>To determine compliance with the above limits, the owner/operator shall measure the total area of the storage piles and/or disturbed areas at least once every twelve (12) months and shall maintain a record of the total acres of the storage piles and/or disturbed areas. Compliance shall be determined through GPS measurements or aerial photographs. The area of each storage pile and/or disturbed areas shall be added together to obtain the total area of all the storage piles and disturbed areas on site. Records of the total acres of the storage piles and/or disturbed areas shall contain the following:</p> <ul style="list-style-type: none"> A. Date of measurements B. Size of each storage pile on site and each disturbed area on site C. Total acres of all storage piles combined and all disturbed areas combined. <p>[R307-401-8]</p>
<p>II.B.6.f</p>	<p>The owner/operator shall comply with a fugitive dust control plan (FDCP) consistent with R307-309-6. [R307-309-6]</p>
<p>II.B.6.g</p>	<p>The owner/operator shall submit and comply with all applicable requirements of R307-309 for Fugitive Emission and Fugitive Dust sources on site. [R307-309]</p>

PERMIT HISTORY

This Approval Order shall supersede (if a modification) or will be based on the following documents:

Supersedes
Is Derived From

AO DAQE-AN162440002-25 dated October 1, 2025
NOI dated November 19, 2025

ACRONYMS

The following lists commonly used acronyms and associated translations as they apply to this document:

40 CFR	Title 40 of the Code of Federal Regulations
AO	Approval Order
BACT	Best Available Control Technology
CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CDS	Classification Data System (used by Environmental Protection Agency to classify sources by size/type)
CEM	Continuous emissions monitor
CEMS	Continuous emissions monitoring system
CFR	Code of Federal Regulations
CMS	Continuous monitoring system
CO	Carbon monoxide
CO ₂	Carbon Dioxide
CO _{2e}	Carbon Dioxide Equivalent - Title 40 of the Code of Federal Regulations Part 98, Subpart A, Table A-1
COM	Continuous opacity monitor
DAQ/UDAQ	Division of Air Quality
DAQE	This is a document tracking code for internal Division of Air Quality use
EPA	Environmental Protection Agency
FDCP	Fugitive dust control plan
GHG	Greenhouse Gas(es) - Title 40 of the Code of Federal Regulations 52.21 (b)(49)(i)
GWP	Global Warming Potential - Title 40 of the Code of Federal Regulations Part 86.1818-12(a)
HAP or HAPs	Hazardous air pollutant(s)
ITA	Intent to Approve
LB/YR	Pounds per year
MACT	Maximum Achievable Control Technology
MMBTU	Million British Thermal Units
NAA	Nonattainment Area
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emission Standards for Hazardous Air Pollutants
NOI	Notice of Intent
NO _x	Oxides of nitrogen
NSPS	New Source Performance Standard
NSR	New Source Review
PM ₁₀	Particulate matter less than 10 microns in size
PM _{2.5}	Particulate matter less than 2.5 microns in size
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
R307	Rules Series 307
R307-401	Rules Series 307 - Section 401
SO ₂	Sulfur dioxide
Title IV	Title IV of the Clean Air Act
Title V	Title V of the Clean Air Act
TPY	Tons per year
UAC	Utah Administrative Code
VOC	Volatile organic compounds