



State of Utah

SPENCER J. COX
Governor

DEIDRE HENDERSON
Lieutenant Governor

Department of
Environmental Quality

Tim Davis
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQE-IN162230001-25

October 30, 2025

Keith Gilbert
Southwest Grading and Paving, LLC
871 East Fiddler Canyon Road
Cedar City, UT 87421
keithgilbert3@me.com

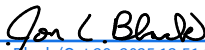
Dear Mr. Gilbert:

Re: Intent to Approve: New Cedar City Hot Mix Asphalt Plant
Project Number: N162230001

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, **Katie Andersen**, as well as the DAQE number as shown on the upper right-hand corner of this letter. Katie Andersen, can be reached at (385) 515-1748 or kandersen@utah.gov, if you have any questions.

Sincerely,


Jon Black (Oct 28, 2025 13:51:38 MDT)

Jon L. Black, Manager
New Source Review Section

JLB:KA:jg

cc: Southwest Utah Public Health Department

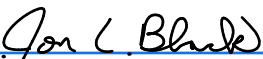
STATE OF UTAH
Department of Environmental Quality
Division of Air Quality

INTENT TO APPROVE
DAQE-IN162230001-25
New Cedar City Hot Mix Asphalt Plant

Prepared By
Katie Andersen, Engineer
(385) 515-1748
kandersen@utah.gov

Issued to
Southwest Grading and Paving, LLC - Cedar City Hot Mix Asphalt Plant

Issued On
October 30, 2025


Jon Black (Oct 28, 2025 13:51:38 MDT)

New Source Review Section Manager
Jon L. Black

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GENERAL INFORMATION

CONTACT/LOCATION INFORMATION

Owner Name

Southwest Grading and Paving, LLC

Source Name

Southwest Grading and Paving, LLC - Cedar City Hot Mix Asphalt Plant

Mailing Address

871 East Fiddler Canyon Road
Cedar City, UT 87421

Physical Address

12 Miles West of Cedar City
Cedar City, UT

Source Contact

Name: Keith Gilbert
Phone: (435) 383-3403
Email: keithgilbert3@me.com

UTM Coordinates

298,956 m Easting
4,175,603 m Northing
Datum NAD83
UTM Zone 12

SIC code 2951 (Asphalt Paving Mixtures & Blocks)

SOURCE INFORMATION

General Description

Southwest Grading and Paving, LLC (SWG) has requested to operate a new hot mix asphalt plant in the Desert Mound region in Iron County, approximately 12 miles west of Cedar City.

To produce hot mix asphalt (HMA), SWG crushes aggregates that were previously stockpiled at the site. These crushed aggregates are loaded into the asphalt plant drum and mixed with asphalt cement while heating. The mix is combined with lime when needed. The source produces 200,000 tons of aggregate per year, with 100,000 tons of aggregate used for HMA production.

NSR Classification

New Minor Source

Source Classification

Located in Attainment Area
Iron County
Airs Source Size: SM

Applicable Federal Standards

NSPS (Part 60), A: General Provisions
NSPS (Part 60), I: Standards of Performance for Hot Mix Asphalt Facilities
NSPS (Part 60), OOO: Standards of Performance for Nonmetallic Mineral Processing Plants
MACT (Part 63), A: General Provisions
MACT (Part 63), ZZZZ: National Emissions Standards for Hazardous Air Pollutants for

Stationary Reciprocating Internal Combustion Engines
 Title V (Part 70) Area Source

Project Description

SWG has requested to operate a new permanent HMA plant at the Desert Mound site in Iron County, Utah. The equipment previously operated under Portable Source AO DAQE-AN162000001-24, dated May 28, 2024.

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		15872.00
Carbon Monoxide		11.22
Nitrogen Oxides		1.76
Particulate Matter - PM ₁₀		5.63
Particulate Matter - PM _{2.5}		1.90
Sulfur Dioxide		0.18
Volatile Organic Compounds		3.97

Hazardous Air Pollutant	Change (lbs/yr)	Total (lbs/yr)
Generic HAPs (CAS #GHAPS)		580
	Change (TPY)	Total (TPY)
Total HAPs		0.29

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 Daily Spectrum on November 5, 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 within 18 months from the date of this AO. This AO may become invalid if construction is not commenced within 18 months from the date of this AO 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	Cedar City HMA Plant
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II.A.2	<p>One (1) HMA Drum Dryer Design Capacity: 80 tph Dryer Burner rating: 15.60 MMBtu/hr Dryer Burner NO_x Rating: < 80 ppm NO_x Fuel: Propane Federal Rule Applicability: NSPS Subpart I</p>
II.A.3	<p>One (1) Asphalt Plant Baghouse Flow Rate: 85,000 acfm Federal Rule Applicability: NSPS Subpart I</p>
II.A.4	<p>One (1) Hot Oil Heater Rating: 50,000 Btu/hr Fuel: Propane Gas Federal Rule Applicability: NSPS Subpart I</p>
II.A.5	<p>Two (2) Storage Silos One (1) Lime Storage Silo Capacity: 15 tons</p> <p>One (1) Hot Oil Storage Tank Capacity: 40 tons</p>
II.A.6	<p>One (1) Pugmill Federal Rule Applicability: NSPS Subpart OOO</p>
II.A.7	<p>One (1) Bin Aggregate Feeder Batch Tower Capacity: 4 tons</p> <p>Federal Rule Applicability: NSPS Subpart OOO</p>
II.A.8	<p>One (1) Primary Jaw Crusher Design Capacity: 80 tph Manufacture date: 1998 Federal Rule Applicability: NSPS Subpart OOO</p>
II.A.9	<p>One (1) Secondary Cone Crusher Design Capacity: 80 tph Manufacture date: 2011 Federal Rule Applicability: NSPS Subpart OOO</p>
II.A.10	<p>One (1) Screen Size: 5' x 10' Manufacture date: 2011 Federal Rule Applicability: NSPS Subpart OOO</p>
II.A.11	<p>Various Conveyors Federal Rule Applicability: NSPS Subpart OOO</p>
II.A.12	<p>One (1) Diesel Generator Engine Rating: 500 kW (670 hp) Manufacture Date: March 3, 1999 Federal Rule Applicability: MACT Subpart ZZZZ</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	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 produce more than the following: A. 100,000 tons of HMA per rolling 12-month period; and B. 200,000 tons of combined processed aggregate material and HMA per rolling 12-month period. [R307-401-8]
II.B.1.b.1	The owner/operator shall: A. Determine processed aggregate and HMA production by belt scale records or scale house records B. Record processed aggregate and HMA production on a daily basis C. Use the production data to calculate a new rolling 12-month total for each processed aggregate and HMA by the 20 th day of each month using data from the previous 12 months D. Keep the processed aggregate and HMA production records for all periods the plant is in operation. [R307-401-8]
II.B.1.c	The owner/operator shall equip each storage silo associated with the HMA plant with a fabric filter, a baghouse, a bin vent, or a dust collector to control particulate emissions generated during filling of the silos. [R307-401-8]
II.B.1.d	The owner/operator shall not conduct any drilling or blasting operations on site. [R307-401-8]
II.B.2	HMA Baghouse Requirements
II.B.2.a	The owner/operator shall use a baghouse to control particulate emissions from the HMA plant drum dryer. The baghouse shall be sized to handle at least 85,000 acfm for the existing conditions. All exhaust air from the HMAP drum dryer shall be routed through the baghouse before being vented to the atmosphere. [R307-401-8]
II.B.2.b	The owner/operator shall not allow visible emissions from the baghouse to exceed 10% opacity. [R307-401-8]
II.B.2.c	The owner/operator shall install a manometer or magnehelic pressure gauge to measure the static pressure differential across the baghouse. [R307-401-8]

II.B.2.c.1	The pressure gauge shall be located such that an inspector/operator can safely read the indicator at any time. [R307-401-8]																
II.B.2.c.2	The pressure gauge shall measure the static pressure differential in 1-inch water column increments or less. [R307-401-8]																
II.B.2.d	During operation of the baghouse, the owner/operator shall maintain the static pressure differential across the baghouse between 3.0 and 7.0 inches of water column. [R307-401-8]																
II.B.2.d.1	The owner/operator shall record the static pressure differential at least once per operating day while the baghouse is operating. [R307-401-8]																
II.B.2.d.2	The owner/operator shall maintain the following records of the static pressure differential: A. Unit identification; B. Daily static pressure differential readings; C. Date of reading. [R307-401-8]																
II.B.2.e	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]																
II.B.2.e.1	The owner/operator shall maintain records of the pressure gauge calibrations and replacements. [R307-401-8]																
II.B.3	HMA Drum Dryer Baghouse Stack Testing Requirements																
II.B.3.a	The owner/operator shall not emit more than the following rates and concentrations from HMA Drum Dryer Baghouse : <table border="1"> <thead> <tr> <th>Pollutant</th> <th>grains/dscf</th> <th>lb/hr</th> <th>ppmvd</th> </tr> </thead> <tbody> <tr> <td>PM₁₀</td> <td>0.013</td> <td>1.89</td> <td></td> </tr> <tr> <td>PM_{2.5}</td> <td>0.013</td> <td>1.78</td> <td></td> </tr> <tr> <td>NO_x</td> <td></td> <td>2.08</td> <td>80</td> </tr> </tbody> </table> Concentration (ppmvd) is corrected to 3% oxygen, dry basis. [R307-401-8]	Pollutant	grains/dscf	lb/hr	ppmvd	PM ₁₀	0.013	1.89		PM _{2.5}	0.013	1.78		NO _x		2.08	80
Pollutant	grains/dscf	lb/hr	ppmvd														
PM ₁₀	0.013	1.89															
PM _{2.5}	0.013	1.78															
NO _x		2.08	80														
II.B.3.a.1	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]																
II.B.3.a.2	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]																
II.B.3.a.3	Test Frequency The owner/operator shall conduct a stack test on the emission unit within three (3) 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. [R307-401-8]																
II.B.4	HMA Plant Fuel Requirements																
II.B.4.a	The owner/operator shall only use propane gas (LPG) as fuel in the HMA drum dryer burner and in the hot oil heater. [R307-401-8]																

II.B.5	Aggregate Processing Equipment Requirements
II.B.5.a	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]
II.B.5.b	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.b.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: <ul style="list-style-type: none"> 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.c	The owner/operator shall not exceed the following opacity limits for the following emission units: <ul style="list-style-type: none"> A. Crusher - 12% opacity B. Screens - 7% opacity C. Conveyor Transfer Points - 7% opacity D. Conveyor Drop Points - 20% opacity. [40 CFR 60 Subpart OOO, R307-401-8]
II.B.5.d	The owner/operator shall conduct an initial performance test for all crushers, screens, and conveyor transfer points subject to this AO that are subject to NSPS OOO. Performance tests shall meet the limitations specified in Table 3 to Subpart OOO. [40 CFR 60 Subpart OOO]
II.B.5.d.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.d.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. The record of the initial performance test must be made available to the Director or the Director's representative upon request. [40 CFR 60 Subpart OOO, R307-401-8]
II.B.6	All Haul Road 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. [R307-401-8]

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. [R307-401-8]
II.B.6.b	The owner/operator shall not exceed the following road lengths on site: A. Loader Routes - 528 ft (0.1 miles) B. Haul Roads - 513 ft (0.1 miles). [R307-401-8]
II.B.6.b.1	To determine compliance with the above limit, the owner/operator shall measure the loader routes and haul road lengths at least once every twelve (12) months and shall maintain a record of the lengths of the loader routes and haul roads. Compliance shall be determined through Global Positioning System (GPS) measurements or aerial photographs. [R307-401-8]
II.B.6.c	The owner/operator shall not exceed the following: A. One (1) acre of storage piles B. Ten (10) acres of disturbed area, including storage piles. [R307-401-8]
II.B.6.c.1	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: 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. [R307-401-8]
II.B.6.d	The owner/operator shall apply water to haul roads and other fugitive dust sources to prevent visible emissions from exceeding the opacity limits listed in this AO. The owner/operator may stop applying water to fugitive dust sources when the temperature is below freezing but shall apply other controls as necessary to prevent visible emissions from exceeding the opacity limits listed in this AO. [R307-401-8]

II.B.6.d.1	<p>The owner/operator shall keep records of water application and fugitive dust control 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 of any other controls used to reduce fugitive dust. <p>[R307-401-8]</p>									
II.B.7	<p>Stationary Diesel-Fuel Engine Requirements:</p>									
II.B.7.a	<p>The owner/operator shall not emit more than the following rates and concentrations from the Stationary Generator Engine:</p> <table border="1" data-bbox="344 751 797 842"> <thead> <tr> <th>Pollutant</th> <th>g/hp-hr</th> <th>lb/hr</th> </tr> </thead> <tbody> <tr> <td>NO_x</td> <td>0.30</td> <td>0.44</td> </tr> <tr> <td>CO</td> <td>2.60</td> <td>3.84</td> </tr> </tbody> </table> <p>[40 CFR 63 Subpart ZZZZ, R307-401-8]</p>	Pollutant	g/hp-hr	lb/hr	NO _x	0.30	0.44	CO	2.60	3.84
Pollutant	g/hp-hr	lb/hr								
NO _x	0.30	0.44								
CO	2.60	3.84								
II.B.7.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.7.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.7.a.3	<p>Test Frequency The owner/operator shall conduct a stack test on the emission unit within 8,760 hours or three (3) years, whichever comes first, 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.7.b	<p>The owner/operator shall not operate the diesel-fired engine for more than 2,080 hours per rolling 12-month period. [R307-401-8]</p>									
II.B.7.b.1	<p>The owner/operator shall:</p> <ul style="list-style-type: none"> A. Determine hours of operation by supervisor monitoring and maintaining a log B. Calculate a new 12-month total by the 20th day of each month using data from the previous 12 months C. Record hours of operation on a daily basis D. Keep records of operation for all periods the plant is in operation. <p>[R307-401-8]</p>									

II.B.7.c	The owner/operator shall only use diesel fuel (e.g., fuel oil #1, #2, or diesel fuel oil additives) as fuel in the engine. [R307-401-8]
II.B.7.c.1	The owner/operator shall only combust diesel fuel that meets the definition of ultra-low sulfur diesel (ULSD), which has a sulfur content of 15 ppm or less. [R307-401-8]
II.B.7.c.2	To demonstrate compliance with the ULSD fuel requirement, the owner/operator shall maintain records of diesel fuel purchase invoices or obtain certification of sulfur content from the diesel fuel supplier. The diesel fuel purchase invoices shall indicate that the diesel fuel meets the ULSD requirements. [R307-401-8]
II.B.7.d	The owner/operator shall either meet a CO concentration rate limit of 23 ppmvd or install additional add-on control technology such that CO emissions are reduced by no less than 70%, according to 40 CFR 63 Subpart ZZZZ. [40 CFR 63 Subpart ZZZZ]
II.B.7.d.1	To determine compliance with the above condition, the owner/operator shall conduct a stack test on the stationary generator engine within 180 days after startup. [R307-401-8]
II.B.8	Stack Testing Condition Requirements
II.B.8.a	The owner/operator shall conduct any stack testing required by this AO according to the following conditions. [R307-401-8]
II.B.8.a.1	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]
II.B.8.a.2	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]
II.B.8.a.3	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]
II.B.8.a.4	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]
II.B.8.a.5	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]
II.B.8.b	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.8.b.1</p>	<p>Standard Conditions</p> <p>A. Temperature - 68 degrees Fahrenheit (293 K)</p> <p>B. Pressure - 29.92 in Hg (101.3 kPa)</p> <p>C. Averaging Time - As specified in the applicable test method.</p> <p>[40 CFR 60 Subpart A, 40 CFR 63 Subpart A, R307-401-8]</p>
<p>II.B.8.b.2</p>	<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. Condensable PM shall be used for inventory purposes only, and not compliance purposes.</p> <p>[R307-401-8]</p>
<p>II.B.8.b.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. Condensable PM shall be used for inventory purposes only, and not compliance purposes.</p> <p>[R307-401-8]</p>
<p>II.B.8.b.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.8.b.5</p>	<p>CO 40 CFR 60, Appendix A, Method 10, or other EPA-approved testing method as acceptable to the Director. [R307-401-8]</p>

PERMIT HISTORY

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

Is Derived From
Incorporates
Incorporates
Incorporates
Incorporates
Incorporates
Incorporates

NOI dated July 8, 2024
Additional Information dated January 14, 2025
Additional Information dated February 27, 2025
DAQE-MN162230001-25 dated February 28, 2025
Additional Information dated March 12, 2025
Additional Information dated May 22, 2025
Additional Information dated September 4, 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 ₂ e	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