



State of Utah

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Department of Environmental Quality

Tim Davis
Commissioner

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQE-IN159530003-26

October 1, 2026

Megan Winter
Morgan Asphalt, Inc. dba Knife River Corporation
7620 West Highway 201
Magna, UT 84044
Megan.Winter@kniferiver.com

Dear Ms. Winter:

Re: Intent to Approve: Minor Modification to Approval Order DAQE-AN159530001-22 to Add One Crusher, Add One Screen, and Replace Two Screens
Project Number: N159530003

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, **Lucia Mason**, as well as the DAQE number as shown on the upper right-hand corner of this letter. Lucia Mason, can be reached at (385) 707-7669 or lbmason@utah.gov, if you have any questions.

Sincerely,

Alan D. Humpherys, Manager
New Source Review Section

ADH:LM:jg

cc: Tooele County Health Department

STATE OF UTAH
Department of Environmental Quality
Division of Air Quality

INTENT TO APPROVE
DAQE-IN159530003-26
Minor Modification to Approval Order DAQE-AN159530001-22 to
Add One Crusher, Add One Screen, and Replace Two Screens

Prepared By
Lucia Mason, Engineer
(385) 707-7669
lbmason@utah.gov

Issued to
Morgan Asphalt, Inc. dba Knife River Corporation - Grantsville Pit

Issued On
October 1, 2026

A handwritten signature in black ink, appearing to read "Alan D. Humpherys", with a stylized, cursive script.

New Source Review Section Manager
Alan D. Humpherys

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GENERAL INFORMATION

CONTACT/LOCATION INFORMATION

Owner Name

Morgan Asphalt, Inc. dba Knife River Corporation

Source Name

Morgan Asphalt, Inc. dba Knife River Corporation - Grantsville Pit

Mailing Address

7620 West Highway 201
Magna, UT 84044

Physical Address

Approximately 5 miles northwest of Grantsville
on US 138
Grantsville, UT

Source Contact

Name: Megan Winter
Phone: (503) 890-9746
Email: Megan.Winter@kniferiver.com

UTM Coordinates

369,000 m Easting
4,501,600 m Northing
Datum NAD83
UTM Zone 12

SIC code 1442 (Construction Sand & Gravel)

SOURCE INFORMATION

General Description

Morgan Asphalt, Inc., dba Knife River Corporation (Morgan Asphalt), operates the Grantsville Pit in Tooele County. Equipment at the facility includes crushers, screens, conveyors, off-highway mobile equipment, and a wash plant. Aggregate is crushed, screened, washed, and stored before being trucked off site. The facility can produce up to 650,000 tons of finished aggregate products per year.

NSR Classification

New Minor Source

Source Classification

Located in Salt Lake City UT PM_{2.5} Maintenance Area, Northern Wasatch Front O3 NAA
Tooele County
Airs Source Size: B

Applicable Federal Standards

NSPS (Part 60), A: General Provisions
NSPS (Part 60), OOO: Standards of Performance for Nonmetallic Mineral Processing Plants
Title V (Part 70) Area Source

Project Description

Morgan Asphalt has requested the following changes to AO DAQE-AN159530001-22 dated November 16, 2022. The equipment will be added to "Operation 2."

- Add one tertiary impact crusher with a capacity of 200 tons per hour (tph).
- Add one tertiary 8' x 20' screen.
- Replace one 7' x 20' secondary screen with one 8' x 20' secondary screen.
- Replace one 7' x 20' tertiary screen with one 8' x 20' tertiary screen.

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)
Particulate Matter - PM ₁₀	0.46	26.74
Particulate Matter - PM _{2.5}	0.06	3.65

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 Tooele Transcript on October 7, 2026. 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. Unless otherwise specified in this AO or in other applicable state and federal rules, records shall be kept for a minimum of two 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	Grantsville Pit
II.A.2	Crushing and Screening Operation 1 Equipment:
II.A.3	One Primary Crusher Capacity: 400 tph Type: Jaw NSPS Applicability: Subpart OOO
II.A.4	One Primary Screen Size: 8' x 20' NSPS Applicability: Subpart OOO
II.A.5	One Secondary Crusher Capacity: 300 tph Type: Cone NSPS Applicability: Subpart OOO

II.A.6	Conveyors NSPS Applicability: Subpart OOO
II.A.7	Crushing and Screening Operation 2 Equipment:
II.A.8	One Tertiary Crusher Capacity: 400 tph Type: Cone NSPS Applicability: Subpart OOO
II.A.9	One Tertiary Crusher (NEW) Capacity: 200 tph Type: Impact Manufacture Year: 2022 NSPS Applicability: Subpart OOO
II.A.10	One Secondary Screen (NEW) Size 8' x 20' Manufacture Year: 2022 NSPS Applicability: Subpart OOO
II.A.11	Two Tertiary Screens (NEW) Size: 8' x 20' Manufacture Year: 2024 NSPS Applicability: Subpart OOO
II.A.12	Conveyors NSPS Applicability: Subpart OOO
II.A.13	One Wash Plant
II.A.14	One Tunnel Feeder
II.A.15	Conveyors
II.A.16	Off-Highway Mobile Equipment Including loaders, bulldozers, etc. - Listed for informational purposes only. -

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. [R307-201-3, R307-401-8]
II.B.1.a.1	Unless otherwise specified in this AO, opacity observations of visible emissions from stationary sources shall be conducted according to 40 CFR 60, Appendix A, Method 9. [R307-401-8]

II.B.2	Aggregate Pit Requirements
II.B.2.a	The owner/operator shall not produce more than 650,000 tons of finished aggregate products per rolling 12-month period. [R307-401-8]
II.B.2.a.1	To determine compliance with the aggregate production limit, the owner/operator shall: A. Determine production with belt scale records or scale house records B. Record production on a daily basis C. Use the production data to calculate a new rolling 12-month total by the 20th day of each month using the data from the previous 12 months D. Keep the production records for all periods the plant is in operation. [R307-401-8]
II.B.2.b	The owner/operator shall not allow visible emissions from the following emission points to exceed the values listed below: A. Crushers - 12% opacity B. Screens - 7% opacity C. All Conveyor Transfer Points - 7% opacity D. All Conveyor Drop Points - 20% opacity. [R307-312, R307-401-8]
II.B.2.c	The owner/operator shall install water sprays on all crushers and all stacker drop points that transfer material onto a stockpile. The owner/operator shall apply water to ensure that visible emissions from crushers, screens, and conveyor transfer/drop points shall not exceed the opacity limits listed in this AO. [R307-401-8]
II.B.2.d	The owner/operator shall perform monthly periodic inspections to check that water is flowing to discharge spray nozzles associated with each crusher, screen, and conveyor. If the owner/operator finds that water is not flowing properly during an inspection of the water spray nozzles, 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.2.d.1	The owner/operator shall maintain records of the water spray inspections 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.3	Crushers, Screens, and Conveyors subject to NSPS Subpart OOO Requirements
II.B.3.a	The owner/operator shall conduct an initial performance test for all new crushers, screens, and conveyor transfer points subject to NSPS Subpart OOO. Performance tests shall meet the limitations specified in Table 3 to Subpart OOO. [40 CFR 60 Subpart OOO]
II.B.3.a.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.3.a.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]
II.B.4	Haul Roads and Fugitive Dust Source Requirements
II.B.4.a	The owner/operator shall not allow the unpaved haul roads to exceed a total of 1.28 miles (6,758 ft.) on site. The owner/operator shall pave at least 0.09 miles (475 ft.) of haul road on site. [R307-401-8]
II.B.4.a.1	To determine compliance with the haul road limitations, the owner/operator shall measure the total length of haul roads using aerial photographs, land surveys, on site measurements, or other methods acceptable to the Director. The measurements shall be conducted at least once every six months. [R307-401-8]
II.B.4.a.2	The owner/operator shall maintain a record of the total length of paved and unpaved haul roads. Records of the total length of haul roads shall contain the following: A. Date of measurements B. Length of each section of haul road C. Total length of each of the paved and unpaved haul roads. [R307-401-8]
II.B.4.b	The owner/operator shall not allow visible emissions from haul roads and fugitive dust sources to exceed 20% opacity on site and 10% opacity at the property boundary at all times. [R307-309-5]
II.B.4.b.1	Visible emission determinations for fugitive dust from haul roads and operational areas shall use procedures similar to Method 9. The normal requirement for observations to be made at 15-second intervals over a six-minute period, however, shall not apply. Visible emissions shall be measured at the densest point of the plume but at a point not less than 1/2 vehicle length behind the vehicle and not less than 1/2 the height of the vehicle. [R307-309-5]
II.B.4.c	The owner/operator shall use water sprays and chemical treatment on the unpaved haul roads and loader operation areas to maintain the opacity limit listed in the AO. The owner/operator shall use water application and sweep paved haul roads to maintain the opacity limit listed in the AO. The owner/operator may stop applying water sprays 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 the AO. [R307-401-8]

II.B.4.c.1	The owner/operator shall maintain records of water and chemical treatment and sweeping operations for all periods when the plant is in operation. The records shall include the following items: A. Date of treatment B. Number of treatments made, dilution ratio, and quantity C. Rainfall received, if any, and approximate amount D. Time of day treatments were made E. Records of temperature if the temperature is below freezing. [R307-401-8]
II.B.4.d	The owner/operator shall not exceed 2.47 acres combined of all storage piles on site. [R307-401-8]
II.B.4.d.1	To determine compliance with the total storage pile area limit, the owner/operator shall measure the total area of the storage piles at least once every six months and shall maintain a record of the total acres of the storage piles. To determine the acres of the storage piles on site, the owner/operator shall use a handheld GPS, or aerial photographs, or other methods acceptable to the Director, to measure each of the storage piles on site. [R307-401-8]
II.B.4.d.2	To determine compliance with the total storage pile area limit, the owner/operator shall keep the following records: A. Date of measurements B. Size of each storage pile on site C. Total acres of all storage piles combined. [R307-401-8]
II.B.4.e	The owner/operator shall apply water to all storage piles on site to control fugitive emissions. Water shall be applied as required to maintain the opacity limit listed in this AO when the temperature is above freezing. [R307-401-8]
II.B.4.f	The owner/operator shall not exceed 50 acres combined of all disturbed areas on site. [R307-401-8]
II.B.4.f.1	To determine compliance with the total disturbed area limit, the owner/operator shall measure the total disturbed areas at least once every six months. To determine the acres of the disturbed areas on site, the owner/operator shall use a handheld GPS, or aerial photographs, or other methods acceptable to the Director, to measure each of the disturbed areas on site. [R307-401-8]

II.B.4.f.2	To determine compliance with the total disturbed area limit, the owner/operator shall keep the following records: A. Date of measurements B. Size of each disturbed area on site C. Total acres of all disturbed areas combined. [R307-401-8]
II.B.4.g	The owner/operator shall comply with UAC R307-309. Nonattainment and Maintenance Areas for PM ₁₀ and PM _{2.5} : Fugitive Emissions and Fugitive Dust. [R307-309]
II.B.4.g.1	The owner/operator shall comply with the FDCP for control of all fugitive dust sources associated with this source. [R307-309-6]
II.B.5	Bulldozing Operation Requirements
II.B.5.a	The owner/operator shall not allow the combined operations of bulldozers to exceed 7,665 hours per rolling 12-month period. [R307-401-8]
II.B.5.a.1	To determine compliance with the bulldozing operational time limit the owner/operator shall: A. Determine hours of bulldozer operation by monitoring and maintaining an operations log B. Record bulldozer hours of operation each day C. Use the hours of operation to calculate a new rolling 12-month total by the 20th day of each month using data from the previous 12 months D. Keep hours of operation records for all periods the plant is in operation. [R307-401-8]

PERMIT HISTORY

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

Supersedes
Is Derived From
Incorporates
Incorporates

AO DAQE-AN159530001-22 dated November 16, 2022
NOI dated July 29, 2026
Additional Information dated August 18, 2026
Additional Information dated September 24, 2026

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