



State of Utah

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*Governor*

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Department of  
Environmental Quality

Kimberly D. Shelley  
*Executive Director*

DIVISION OF AIR QUALITY  
Bryce C. Bird  
*Director*

DAQE-AN110430002-25

January 13, 2025

Robert Wadman  
B.J. Rees's Enterprise  
1045 South Hoytsville Road  
Coalville, UT 84017  
rwadman@reescoms.com

Dear Mr. Wadman:

Re: Approval Order: An Update of Approval Order DAQE-AN1043005-02 for a New Portable Source (Aggregate and Stationary Diesel-Fired Engines)  
Project Number: N110430002

The attached Approval Order (AO) is issued pursuant to the Notice of Intent (NOI) received on October 7, 2024. B.J. Rees's Enterprise must comply with the requirements of this AO, all applicable state requirements (R307), and Federal Standards.

The project engineer for this action is **Katie Andersen**, who can be contacted at (385) 515-1748 or [kandersen@utah.gov](mailto:kandersen@utah.gov). Future correspondence on this AO should include the engineer's name as well as the DAQE number shown on the upper right-hand corner of this letter. No public comments were received on this action.

Sincerely,

Bryce C. Bird  
Director

BCB:KA:jg

cc: Salt Lake County Health Department

**STATE OF UTAH**  
**Department of Environmental Quality**  
**Division of Air Quality**

**APPROVAL ORDER**  
**DAQE-AN110430002-25**  
**New Portable Source (Aggregate and Stationary**  
**Diesel-Fired Engines)**

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

**Issued to**  
**B.J. Rees's Enterprise - Portable Equipment based at Coalville Pit**

**Issued On**  
January 13, 2025

**Issued By**



**Bryce C. Bird**  
**Director**  
**Division of Air Quality**

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## GENERAL INFORMATION

### CONTACT/LOCATION INFORMATION

**Owner Name**

B.J. Rees's Enterprise

**Source Name**

B.J. Rees's Enterprise - Portable Equipment  
based at Coalville Pit

**Mailing Address**

1045 South Hoytsville Road  
Coalville, UT 84017

**Physical Address**

Portable Source, UT

**Source Contact**

Name: Robert Wadman

Phone: (435) 336-1053

Email: rwadman@reescoms.com

**SIC code**        1442 (Construction Sand & Gravel)

### SOURCE INFORMATION

General Description

B.J. Rees's Enterprise has requested an AO for a portable source. This AO is issued to B.J. Rees's Enterprise for the purpose of operating a portable source that belongs to the nonmetallic mineral processing industry, including aggregate plants. The plants subject to this AO shall be temporarily operated for a period of not more than 180 working days at any location. A relocation shall not exceed 365 consecutive days at any location in the State of Utah.

Prior to commencement of operation at a location, the owner/operator shall submit a Notice of Temporary Relocation to the Director and obtain a Temporary Relocation Approval Letter. If the owner/operator operates at a location in compliance with the AO, the Notice of Temporary Relocation, and the Temporary Relocation Approval Letter, dispersion modeling results have determined that there will be no adverse impacts on air quality at the nearest residence or commercial establishment.

Compliance with the opacity limits and operating practices contained in the conditions of the AO shall be considered as application of BACT. The emission control measures required in the conditions of this AO shall apply to all of the locations at which the source approved by this AO operates. The source may be required to adopt additional measures for controlling emissions to address location-specific concerns.

NSR Classification

Minor Modification at Minor Source

Source Classification

Portable Source County

Airs Source Size: SM

Applicable Federal Standards

NSPS (Part 60), A: General Provisions

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

NSPS (Part 60), IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

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

The owner/operator has requested an AO for a portable source. The portable source belongs to the nonmetallic mineral processing industry, including aggregate processing plants and stationary diesel-fired engines.

**SECTION I: GENERAL PROVISIONS**

|     |  |
|-----|--|
| 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]   |

## SECTION II: PERMITTED EQUIPMENT

### II.A THE APPROVED EQUIPMENT

|        |  |
|--------|--|
| II.A.1 | <p><b>Portable Source</b><br/>Including: Aggregate Processing Equipment and Diesel-Fired Engines</p>   |
| II.A.2 | <p><b>Aggregate Processing Plants</b><br/>These plants may be subject to NSPS Subpart OOO Requirements. These plants include:</p> <ul style="list-style-type: none"> <li>A. Crushers</li> <li>B. Screens</li> <li>C. Wash Plants</li> <li>D. Conveyors, Feeders, Hoppers, and Stackers</li> </ul>      |
| II.A.3 | <p><b>Stationary Diesel-Fired Engines</b><br/>These stationary engines produce mechanical or electrical power to operate the plants in this AO. These stationary engines are subject to MACT Subpart ZZZZ Requirements. These stationary engines may be subject to NSPS Subpart IIII Requirements.</p> |
| II.A.4 | <p><b>Storage Tanks</b><br/>Contents include:</p> <ul style="list-style-type: none"> <li>A. Diesel Fuel</li> <li>B. On-Specification Used Oil</li> <li>C. Gasoline</li> <li>D. Propane</li> </ul>  |

## SECTION II: SPECIAL PROVISIONS

### II.B REQUIREMENTS AND LIMITATIONS

|          |  |
|----------|--|
| II.B.1   | <p><b>Notice of Temporary Relocation:</b></p>  |
| II.B.1.a | <p>The owner/operator shall submit a Notice of Temporary Relocation and obtain a Temporary Relocation Approval Letter prior to operating a portable source at any location. [R307-401-8]</p> |

|                   |   |
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| <p>II.B.1.a.1</p> | <p>Notices of Temporary Relocation shall include the following information (Form 15a is available from the DAQ):</p> <ul style="list-style-type: none"> <li>A. The address and driving directions of the proposed location</li> <li>B. A list of the equipment to be operated at the proposed location, including: <ul style="list-style-type: none"> <li>1) The type of equipment</li> <li>2) The rated capacity of the equipment</li> <li>3) The date of manufacture of the equipment.</li> </ul> </li> <li>C. A site diagram showing the general equipment location on site (to scale), and the distance to the nearest houses, barns, or commercial operations (to scale if the plant boundary is located within one (1) mile of these buildings)</li> <li>D. The expected startup and completion dates for operating at the proposed location</li> <li>E. The expected hours of operation, including start and stop times</li> <li>F. The emission control measures that the owner/operator proposes to adopt for each emission point at each location, including an FDCP specific to the proposed location</li> <li>G. A reference to this AO.</li> </ul> <p>[R307-401-8]</p> |
| <p>II.B.2</p>     | <p><b>Temporary Relocation Approval Letter:</b></p>   |
| <p>II.B.2.a</p>   | <p>The owner/operator shall operate and conduct its operations of the aggregate processing plants, the concrete batch plants, the hot mix asphalt plants, and the diesel-fired engines in accordance with the terms and conditions of this AO and the terms and conditions of the Temporary Relocation Approval Letter issued by the Director for each relocation. In the case of any discrepancy between the conditions of this AO and the Temporary Relocation Approval Letter, the owner/operator shall comply with the site-specific requirements in the Temporary Relocation Approval Letter. [R307-401-8]</p>   |
| <p>II.B.2.a.1</p> | <p>Portable sources that plan to relocate to a stationary source listed in the Utah PM<sub>10</sub> or PM<sub>2.5</sub> State Implementation Plan (SIP) shall comply with the standards and adopt the control strategies listed in the PM<sub>10</sub> or PM<sub>2.5</sub> SIP for the stationary source in addition to the requirements of this AO and the Temporary Relocation Approval Letter. [R307-401-8]</p>  |
| <p>II.B.3</p>     | <p><b>Operations at Temporary Locations:</b></p>  |
| <p>II.B.3.a</p>   | <p>The owner/operator may temporarily relocate this portable source to any temporary location. The temporary relocation shall not exceed 180 working days and shall not exceed 365 consecutive days. If a temporary relocation is expected to exceed 180 working days, the owner/operator shall submit an NOI in accordance with R307-401 for a permanent source and obtain a valid AO prior to the end of the 180 working days. [R307-401-17]</p>  |
| <p>II.B.3.a.1</p> | <p>The owner/operator shall keep and maintain the following records on site:</p> <ul style="list-style-type: none"> <li>A. The initial relocation date at each location</li> <li>B. Working days at each location</li> <li>C. Consecutive days at each location.</li> </ul> <p>[R307-401-17]</p>  |

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| II.B.3.a.2 | The owner/operator shall submit records of the working days at each site and the consecutive days at each site to the Director at the end of each 180 calendar days. [R307-401-17]  |
| II.B.3.b   | The owner/operator shall not exceed the daily production limit specified in the Temporary Relocation Approval Letter. [R307-401-8]  |
| II.B.3.b.1 | The daily production shall be determined by belt scale records, scale house records, vendor receipts, or by any other method as acceptable to the Director or the Director's representative. [R307-401-8]   |
| II.B.3.b.2 | The owner/operator shall keep and maintain the following production records on site for all periods that the portable source is in operation at any location:<br><br>A. The date production occurs at each location<br><br>B. The production for that date at each location<br><br>C. The total production at each location.<br><br>[R307-401-8]  |
| II.B.3.b.3 | The owner/operator shall submit records of the actual production rate to the Director at the end of each 180 calendar days. [R307-401-17]   |
| II.B.3.c   | The owner/operator shall only operate between 6:00 am and 10:00 pm each day. The hours of operation may be altered upon approval of the Director; however, any request for a change in these hours shall include modeling showing that all NAAQS are met. [R307-401-8]  |
| II.B.3.c.1 | The owner/operator shall keep and maintain the following records of operation for all periods that the portable source is in operation at any location:<br><br>A. The time operations began each day at each location<br><br>B. The time operations ended each day at each location.<br><br>[R307-401-8]  |
| II.B.3.d   | Unless otherwise specified in this AO, the owner/operator shall not allow visible emissions from any installation of this AO to exceed 20 percent opacity. [R307-201-3, R307-305-3]   |
| II.B.3.d.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. [R307-201-3, R307-305-3]  |
| II.B.4     | <b>Emission Estimates and Emissions Inventory:</b>  |
| II.B.4.a   | The owner/operator shall estimate the actual emissions that resulted from operating at each location. These emissions shall be summarized for each piece of equipment, each source of fugitive dust, and each source of fugitive emissions at the completion of operation at each location. The Director may require a summary of emissions for each location at any time. [R307-401-8, R307-150-1] |

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| II.B.4.a.1 | <p>Records of actual emissions shall be kept for each location. Records of actual emissions shall include the following:</p> <ul style="list-style-type: none"> <li>A. The emission factors used to estimate emissions for each location</li> <li>B. All variables (production, hours of operation, haul road lengths, etc.) used in the emission estimates for each location</li> <li>C. The actual emissions from each location, which includes emissions from each emission unit, each source of fugitive dust, and each source of fugitive emissions.</li> </ul> <p>[R307-401-8, R307-150-1]</p> |
| II.B.5     | <b>Haul Roads and Fugitive Dust Sources:</b>   |
| II.B.5.a   | <p>The owner/operator shall comply with a FDCP consistent with R307-309-6 for each location. The FDCP for a location shall address the control of all fugitive dust sources at that location. [R307-401-8]</p>   |
| II.B.5.b   | <p>The owner/operator shall not allow visible emissions from haul roads and fugitive dust sources to exceed 20 percent opacity on site and 10 percent opacity at the property boundary for each temporary location. [R307-205-4, R307-309-5, R307-401-8]</p>   |
| II.B.5.b.1 | <p>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 one-half vehicle length behind the vehicle and not less than one-half the height of the vehicle. [R307-205-4, R307-309-5, R307-401-8]</p>  |
| II.B.5.c   | <p>The owner/operator shall use water application or other control options contained in R307-309 to minimize emissions from fugitive dust and fugitive emissions sources, including haul roads, storage piles, and disturbed areas. Controls shall be applied to ensure the opacity limits in this AO are not exceeded. [R307-309, R307-401-8]</p>   |
| II.B.6     | <b>Aggregate Processing Plants:</b>  |
| II.B.6.a   | <p>The owner/operator shall not allow visible emissions from any crusher subject to this AO to exceed 12 percent opacity. [40 CFR 60 Subpart OOO, R307-401-8]</p>  |
| II.B.6.b   | <p>The owner/operator shall not allow visible emissions from any screen subject to this AO to exceed 7 percent opacity. [40 CFR 60 Subpart OOO, R307-401-8]</p>  |
| II.B.6.c   | <p>The owner/operator shall not allow visible emissions from any conveyor transfer point subject to this AO to exceed 7 percent opacity. [40 CFR 60 Subpart OOO, R307-401-8]</p>   |
| II.B.6.d   | <p>The owner/operator shall not allow visible emissions from any conveyor drop point at each temporary location to exceed 20 percent opacity. [R307-205-4, R307-309-5, R307-401-8]</p>   |
| II.B.6.e   | <p>The owner/operator shall install water sprays on all crushers, all screens, all conveyor transfer points, and all conveyor drop points at each location to control emissions. Sprays shall operate as required to ensure the opacity limits in this AO are not exceeded. [R307-401-8]</p>   |
| II.B.6.f   | <p>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]</p>   |

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| II.B.6.f.1 | <p>Records of the water sprays inspections shall be kept and maintained in a logbook for all periods when the plant is in operation. The records shall include the following items:</p> <ul style="list-style-type: none"> <li>A. Date the inspections were made</li> <li>B. Any corrective actions taken</li> <li>C. Control mechanism used if sprays are not operating.</li> </ul> <p>[40 CFR 60 Subpart OOO, R307-401-8]</p>   |
| II.B.7     | <p><b>Crushers, Screens, and Conveyors subject to NSPS Subpart OOO:</b></p>   |
| II.B.7.a   | <p>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]</p>  |
| II.B.7.a.1 | <p>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]</p>  |
| II.B.7.a.2 | <p>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]</p>  |
| II.B.8     | <p><b>Stationary Diesel-Fired Engines:</b></p>  |
| II.B.8.a   | <p>The owner/operator shall comply with the applicable requirements in 40 CFR 63 Subpart ZZZZ and 40 CFR 60 Subpart IIII for all stationary engines. An engine is considered a stationary engine if the engine meets the definition of "stationary reciprocating internal combustion engine (RICE)" in 40 CFR 63.6675 or "stationary internal combustion engine" in 40 CFR 60.4219. In determining whether an engine is considered a stationary engine, the time the engine remains at a location shall be considered. 40 CFR 1068.30 states that an engine is a stationary engine if:</p> <ul style="list-style-type: none"> <li>A. The engine remains at a location for more than 12 consecutive months</li> <li>B. The engine remains at a seasonal source during the full annual operating period of the seasonal source. A seasonal source is a stationary source that remains in a single location on a permanent basis (i.e., at least two (2) years) and that operates at that single location approximately three (3) months (or more) each year.</li> </ul> <p>[40 CFR 60 Subpart IIII, 40 CFR 63 Subpart ZZZZ, R307-401-8]</p> |
| II.B.8.b   | <p>The owner/operator shall not allow visible emissions from any stationary diesel-fired engine subject to this AO to exceed 20 percent opacity. [R307-201-3, R307-305-3, R307-401-8]</p>   |
| II.B.8.c   | <p>The sulfur content of any fuel oil or diesel fuel burned in a stationary diesel-fired engine subject to this AO shall not exceed 15 ppm. [40 CFR 60 Subpart IIII, 40 CFR 63 Subpart ZZZZ, R307-401-8]</p>  |
| II.B.8.c.1 | <p>The sulfur content shall be determined by ASTM Method D2880-71, D4294-89, or approved equivalent. Certification of diesel fuel shall be either by the owner/operator's own testing or by test reports from the diesel fuel marketer. [R307-203-1, R307-401-8]</p>  |
| II.B.8.c.2 | <p>The owner/operator shall keep and maintain records of the test certification of sulfur content in diesel fuel. Records of the test certification shall be kept for all periods when the plant is in operation. [R307-203-1, R307-401-8]</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-AN1043005-02 dated June 10, 2002  
NOI dated October 7, 2024

## 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 <sub>2</sub>   | Carbon Dioxide  |
| CO <sub>2e</sub>  | 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 <sub>x</sub>   | Oxides of nitrogen  |
| NSPS              | New Source Performance Standard   |
| NSR               | New Source Review   |
| PM <sub>10</sub>  | Particulate matter less than 10 microns in size   |
| PM <sub>2.5</sub> | 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 <sub>2</sub>   | 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  |