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-IN124440011-24

July 8, 2024

Chris Rose
Staker Parson Companies
89 West 13490 South, Suite 100
Draper, UT 84020
Chris.rose@stakerparson.com

Dear Mr. Rose:

Re: Intent to Approve: Modification to Approval Order DAQE-AN124440009-18 to Add Fuel Storage Tanks, a Dust Mill, Drilling, and Blasting Operations
Project Number: N124440011

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, **Mr. Enqiang He,** as well as the DAQE number as shown on the upper right-hand corner of this letter. Mr. Enqiang He, can be reached at (801) 556-1580 or ehe@utah.gov, if you have any questions.

Sincerely,

Alan D. Humpherys, Manager
New Source Review Section

ADH:EH:jg

cc: Utah County Health Department

STATE OF UTAH
Department of Environmental Quality
Division of Air Quality

INTENT TO APPROVE
DAQE-IN124440011-24
Modification to Approval Order DAQE-AN124440009-18 to Add Fuel storage Tanks, a Dust Mill, Drilling, and Blasting Operations

Prepared By
Mr. Enqiang He, Engineer
(801) 556-1580
ehe@utah.gov

Issued to
Staker Parson Companies - Keigley Quarry

Issued On
July 8, 2024

New Source Review Section Manager
Alan D. Humpherys

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GENERAL INFORMATION

CONTACT/LOCATION INFORMATION

Owner Name
Staker Parson Companies

Source Name
Staker Parson Companies - Keigley Quarry

Mailing Address
89 West 13490 South, Suite 100
Draper, UT 84020

Physical Address
12370 South West Mountain Highway
Genola, UT

Source Contact
Name: Chris Rose
Phone: (385) 400-2119
Email: chris.rose@stakerparson.com

UTM Coordinates
430,716 m Easting
4,428,598 m Northing
Datum NAD83
UTM Zone 12

SIC code 1442 (Construction Sand & Gravel)

SOURCE INFORMATION

General Description
Staker Parson Companies operates an aggregate and asphalt processing plant at its Keigley Quarry in Utah County. The aggregate processing plant includes crushers, screens, conveyors/stackers, feeders, and loaders. The asphalt plant is equipped with a hot-mix asphalt plant and associated baghouse, storage silos and bins, a wash plant, a feeder, and support equipment including oil heaters, conveyors, loaders, bulldozers, and holding tanks. The dust mill includes a feeder, a hopper, a grinder, a furnace, silos, and dust collectors. Annual production is limited to 6 million tons of aggregate, 0.5 million tons of asphalt, and 0.1 million tons of rock dust.

NSR Classification
Minor Modification at Minor Source

Source Classification
Located in Southern Wasatch Front O3 NAA, Provo CO Maintenance Area, Provo UT $PM_{2.5}$ NAA
Utah 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), CCCCCC: National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities
Title V (Part 70) Area Source

Project Description
Staker Parson Companies has proposed to:

1. Add a dust mill to the Keigley Quarry. Processed aggregate will be conveyed and transferred to a grinder, where the aggregate is pulverized into rock dust. The rock dust is flash-dried by a furnace and then transferred to a storage silo. The rock dust is then conveyed to a fully enclosed bagging operation. The bagged rock dust will then be shipped out to customers. The source proposes to produce 100,000 tons of rock dust per year. The emissions from the dust mill will be added to the site's total PTE.

2. Add drilling and blasting operations to the Keigley Quarry. The source proposes to conduct 24 blasts a year and use 20 tons of ANFO per blast. The emissions from the drilling and blasting operations will be added to the site's total PTE.

3. Add three (3) fuel storage tanks. The source proposes to install one (1) 10,000-gallon diesel fuel tank, one (1) 4,000-gallon diesel fuel tank, and one (1) 1,000-gallon gasoline tank. The emissions from the new fuel storage tanks will be added to the site's total PTE.

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		9830.00
Carbon Monoxide	16.43	48.98
Nitrogen Oxides	5.49	19.44
Particulate Matter - PM_{10}	1.74	75.49
Particulate Matter - $PM_{2.5}$	0.49	29.54
Sulfur Dioxide	0.48	15.69
Volatile Organic Compounds	0.35	8.35

Hazardous Air Pollutant	Change (lbs/yr)	Total (lbs/yr)
Acetaldehyde (CAS #75070)	0	660
Acrolein (CAS #107028)	0	20
Benzene (Including Benzene From Gasoline) (CAS #71432)	0	200
Ethyl Benzene (CAS #100414)	0	120
Formaldehyde (CAS #50000)	0	1560
Generic HAPs (CAS #GHAPS)	0	300
Hexane (CAS #110543)	0	460
Naphthalene (CAS #91203)	0	320
Toluene (CAS #108883)	0	1460
Xylenes (Isomers And Mixture) (CAS #1330207)	0	100
	Change (TPY)	**Total (TPY)**
Total HAPs	0	2.60

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 Herald on July 10, 2024. 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	**Keigley Quarry**
II.A.2	**Four (4) Tri-Deck Screens** Capacity: 700 tph (each)
II.A.3	**Two (2) Screen Plants** Capacity: 700 tph (each)
II.A.4	**Two (2) Cone Crushers** Capacity: 700 tph (each)
II.A.5	**Two (2) Jaw Crushers** Capacity: 700 tph (each)
II.A.6	**One (1) VSI Crusher** Capacity: 700 tph
II.A.7	**Additional Crushing Equipment** Includes: Various Conveyors, Feeders, Loaders, and Stackers
II.A.8	**Dust Mill/Bagging Operations - new** The operations include the following equipment: One (1) feeder bin One (1) chip hopper Two (2) product storage silos Two (2) dust collectors One (1) cyclone One (1) grinder with a classifier One (1) diesel-fired furnace rated at 2.3 MMBtu/hr Associated conveyors, robots, and bag plants
II.A.9	**One (1) Grizzly Feeder**
II.A.10	**One (1) Hot Drum Mix Asphalt Plant** Capacity: 500 tph
II.A.11	**Three (3) Hot Mix Storage Silos** Capacity: 300 tons (each)

II.A.12	**One (1) Asphalt Storage Silo** Capacity: 75 tons
II.A.13	**One (1) Lime Silo** Capacity: 3,600 Cu. Ft.
II.A.14	**Eight (8) Cold Feed Bins**
II.A.15	**Two (2) Recycled Asphalt Pavement Bins**
II.A.16	**One (1) Baghouse** Rating: 70,000 acfm
II.A.17	**Various Aggregate & Asphalt Equipment** Includes: Conveyors, Loaders, Bulldozers, Haul Trucks; Holding Tanks, Hot Oil Heaters, and Feeders
II.A.18	**One (1) Wash Plant** Includes: Screens, Belts, and Feeders
II.A.19	**Three (3) Fuel Storage Tanks - new** Two (2) diesel fuel storage tanks with capacities of 4,000 and 10,000 gallons One (1) gasoline storage tank with a capacity of 1,000 gallons
II.A.20	**Drilling and blasting operations - new**

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	The owner/operator shall not produce more than the following: A. 6,000,000 tons of processed aggregate material per rolling 12-month period. B. 500,000 tons of asphalt material per rolling 12-month period. C. 100,000 tons of rock dust per rolling 12-month period. [R307-401-8]

II.B.1.a.1	The owner/operator shall: A. Determine production by scale house records or vendor receipts. B. Keep the records of production on a daily basis. C. Calculate a new 12-month total by the 20th day of each month using data from the previous 12 months. D. Keep the records of production for all periods when the plant is in operation. [R307-401-8]
II.B.1.b	The owner/operator shall not allow visible emissions from the following emission points to exceed the following values: A. Crushers and the grinder - 12% opacity. B. Screens - 7% opacity. C. All Conveyor Transfer Points - 7% opacity. D. The Dust Mill Furnace - 20% opacity. E. All control equipment including baghouses, fabric filters, and the cyclone - 10% opacity. F. All Conveyor Drop Points - 20% opacity. G. All Other Points - 20% opacity. [R307-312, R307-401-8]
II.B.1.b.1	Visible emission observations shall be conducted according to 40 CFR 60, Appendix A, Method 9. [R307-305]
II.B.1.c	The owner/operator shall conduct an initial performance test for all crushers, screens, and conveyor transfer points on site within 60 days after achieving the maximum production rate but not later than 180 days after initial startup. Performance tests shall meet the limitations specified in Table 3 to Subpart OOO. [40 CFR 60 Subpart OOO, R307-401-8]
II.B.1.c.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, R307-401-8]
II.B.1.c.2	The owner/operator shall keep 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.2	**Haul Road and Fugitive Dust Requirements**
II.B.2.a	The owner/operator shall water spray and/or chemically treat all unpaved roads and other unpaved operational areas that are used by mobile equipment to control fugitive dust. Treatment shall be of sufficient frequency and quantity to maintain the surface material in a damp/moist condition unless it is below freezing and to maintain the opacity limits listed in this AO. If chemical treatment is to be used, the plan must be approved by the Director. [R307-401-8]

II.B.2.a.1	The owner/operator shall keep all records of water and/or chemical treatment 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 of water applied. C. Rainfall received, if any, and approximate amount. D. Records of temperature if the temperature is below freezing. [R307-401-8]
II.B.2.b	The owner/operator shall not allow visible emissions from any fugitive dust source to exceed 20 percent opacity on site and 10 percent at the property boundary during all times the areas are in use. [R307-309-5, R307-401-8]
II.B.2.b.1	Visible emission determinations for fugitive dust emissions from haul-road traffic and mobile equipment in 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]
II.B.2.c	The owner/operator shall control fugitive dust emissions from disturbed or stripped areas at all times for the duration of the project/operation. [R307-309]
II.B.2.d	The owner/operator shall periodically vacuum sweep or spray clean the paved haul roads as necessary to meet the opacity limits in this AO. [R307-401-8]
II.B.2.d.1	Records of cleaning paved roads shall be made available to the Director or the Director's representative upon request. [R307-401-8]
II.B.2.e	The owner/operator shall water spray storage piles as necessary to meet the opacity limit in this AO. [R307-401-8]
II.B.3	**The Dust Mill shall be subject to the following**
II.B.3.a	The owner/operator shall use partial enclosures for conveying, grinding, and flash drying operations at the Dust Mill. [R307-401-8]
II.B.3.b	The owner/operator shall use fully enclosed pipes to transport the rock dust to storage silos. [R307-401-8]
II.B.3.c	The owner/operator shall use fabric filters to control emissions from the storage silos and the enclosed bagging operations. [R307-401-8]
II.B.4	**Asphalt Plant Requirements**
II.B.4.a	The owner/operator shall maintain the following operating parameters within the indicated ranges as follows: A. Temperature of the gases exiting the baghouse shall be between 100 °F and 350 °F - Plus or minus 10 °F. B. Asphalt mix temperature not to exceed 350 °F - Plus or minus 10 °F. [R307-401-8]

II.B.4.a.1	The owner/operator shall install temperature gauges to monitor temperatures of gases exiting the baghouse and asphalt mix. The temperature gauges shall be located such that an operator and/or inspector can read the output safely at any time. [R307-401-8]
II.B.4.a.2	The owner/operator shall take temperature readings of asphalt mix at least once every 15 minutes, and record the readings in a log. [R307-401-8]
II.B.4.a.3	A current year of temperature readings shall be available for evaluation by the Director upon request. [R307-401-8]
II.B.4.b	The owner/operator shall calibrate the temperature gauges in accordance with manufacturer's instructions or recommendations. [R307-401-8]
II.B.4.c	The owner/operator shall not emit more than the following rates and concentrations from the asphalt plant baghouse exhaust stack: **Pollutant** **lb/hr** **grain/dscf** PM 5.80 0.030 PM (RAP) 6.78 0.035 PM_{10} 4.64 0.024 PM_{10} (RAP) 5.42 0.028 PM_{10} (Filterable) 4.64 0.024 $PM_{2.5}$ (Filterable) (RAP) 4.64 0.024 [R307-401-8]
II.B.4.c.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.4.c.2	**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. Compliance testing shall not be required for both virgin and recycled materials during the same testing period. Testing shall be performed for the product being produced during the time of testing. [R307-165-2, R307-401-8]
II.B.5	**Asphalt Plant Baghouse Requirements**
II.B.5.a	The owner/operator shall control process streams from the asphalt plant drum mixer using a baghouse. This baghouse shall be sized to handle at least 70,000 ACFM for the existing conditions. All exhaust air from the drum mixer shall be routed through the baghouse before being vented to the atmosphere. [R307-401-8]
II.B.5.b	The owner/operator shall not allow a stack exhaust flow rate to exceed 75,000 ACFM without prior approval by the Director in accordance with R307-401. This will be verified during stack testing. [R307-401-8]
II.B.5.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.5.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.5.c.2	The pressure gauge shall measure the static pressure differential in 1-inch water column increments or less. [R307-401-8]

II.B.5.d	The owner/operator shall maintain the static pressure differential of the baghouse between 2.0 and 7.0 inches of water column as measured on the pressure gauge. [R307-401-8]
II.B.5.d.1	The owner/operator shall record the pressure drop reading every time the baghouse is operated. [R307-401-8]
II.B.5.e	At least once every 12 months, the owner/operator shall calibrate the baghouse pressure gauges in accordance with the manufacturer's instructions or replace the pressure gauges. [R307-401-8]
II.B.5.e.1	The owner/operator shall maintain records of the pressure gauge calibrations and replacements. [R307-401-8]
II.B.6	**Stack Testing Requirements**
II.B.6.a	**The owner/operator shall conduct any stack testing required by this AO according to the following conditions**. [R307-401-8]
II.B.6.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.6.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.6.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.6.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.6.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.6.a.6	**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]
II.B.6.b	**Standard Conditions** 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. [40 CFR 60 Subpart A, 40 CFR 63 Subpart A, R307-401-8]

II.B.6.b.1	**PM** 40 CFR 60, Appendix A, Method 5 or other EPA-approved testing method as acceptable to the Director. [R307-401-8]
II.B.6.b.2	**PM_{10}** Total PM_{10} = Filterable PM_{10} + Condensable PM **Filterable PM_{10}** 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 PM_{10} fraction of the filterable particulate emissions, all of the filterable particulate emissions shall be considered PM_{10}. **Condensable PM** 40 CFR 51, Appendix M, Method 202 or other EPA-approved testing method as acceptable to the Director. [R307-401-8]
II.B.6.b.3	**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 $PM_{2.5}$. [R307-401-8]
II.B.7	**Fuel Storage Tank Requirements**
II.B.7.a	The owner/operator shall fill the fuel storage tanks using submerged fill pipes. [R307-401-8]
II.B.7.b	The owner/operator shall keep the storage tank thief hatches and other tank openings closed except during tank loading/unloading or other maintenance activities. [R307-401-8]
II.B.7.c	The owner/operator shall comply with applicable requirements in R307-328 and MACT Subpart CCCCCC. [40 CFR 63 Subpart CCCCCC, R307-328]
II.B.8	**Fuel Requirements**
II.B.8.a	The owner/operator shall use fuel oil as fuel for the dust mill furnace, and propane, natural gas, or fuel oil as fuel in the asphalt plant. [R307-401-8]
II.B.8.a.1	The sulfur content of any fuel oil burned in the asphalt plant and the dust mill furnace shall not exceed 0.50% by weight. [R307-401-8]
II.B.8.a.2	The sulfur content shall be determined by ASTM Method D-4294-89 or approved equivalent. Certification of fuels shall be either by the owner/operators own testing or test reports from the fuel marketer. [R307-203]
II.B.9	**Drilling and Blasting Operations shall be subject to the following**
II.B.9.a	The owner/operator shall use water injection when drilling to control fugitive dust emissions. [R307-401-8]
II.B.9.b	The owner/operator shall not use more than 480 tons of ANFO per rolling 12-month period. [R307-401-8]

II.B.9.b.1	The owner/operator shall: A. Determine the amount of explosives used by maintaining an operations log or purchase records on a monthly basis. B. Calculate a new rolling 12- month total by the 20th day of each month using data from the previous 12 months. C. Keep the 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	AO DAQE-AN124440009-18 dated October 1, 2018
Incorporates	NOI dated May 26, 2023
Incorporates	Additional information dated January 4, 2024
Incorporates	Additional information dated February 16, 2024
Incorporates	DAQE-MN124440011-24 dated April 17, 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_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