State of Utah

SPENCER J. COX
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Department of
Environmental Quality

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Commissioner

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQE-IN119550005-26

October 29, 2026

Coleman Worthen
Alta Ski Lifts
PO Box 8007 Alta, UT 84092
cworthen@alta.com

Dear Mr. Worthen:

Re: Intent to Approve: Minor Modification to Approval Order DAQE-AN119550004-25 to Add Two Emergency Generator Engines
Project Number: N119550005

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: Salt Lake County Health Department

STATE OF UTAH
Department of Environmental Quality
Division of Air Quality

INTENT TO APPROVE
DAQE-IN119550005-26
Minor Modification to Approval Order DAQE-AN119550004-25 to Add Two Emergency Generator Engines

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

Issued to
Alta Ski Lifts - Alta Ski Area

Issued On
October 29, 2026

New Source Review Section Manager
Alan D. Humpherys

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GENERAL INFORMATION

CONTACT/LOCATION INFORMATION

Owner Name
Alta Ski Lifts

Source Name
Alta Ski Lifts - Alta Ski Area

Mailing Address
PO Box 8007
Alta, UT 84092

Physical Address
10010 East Little Cottonwood Canyon Road
Alta, UT 84092

Source Contact
Name: Coleman Worthen
Phone: (801) 799-2288
Email: cworthen@alta.com

UTM Coordinates
446,000 m Easting
4,493,100 m Northing
Datum NAD83
UTM Zone 12

SIC code 7999 (Amusement & Recreation Services, NEC)

SOURCE INFORMATION

General Description
Alta Ski Lifts (Alta) operates and maintains a ski resort located in Alta, Salt Lake County. Emission units at the facility include emergency generator engines, fuel tanks, and boilers.

NSR Classification
Minor Modification at Minor Source

Source Classification
Located in Salt Lake City UT $PM_{2.5}$ Maintenance Area, Salt Lake County PM_{10} Maint Area, Northern Wasatch Front O3 NAA, Salt Lake County SO_2 NAA
Salt Lake County
Airs Source Size: B

Applicable Federal Standards
NSPS (Part 60), A: General Provisions
NSPS (Part 60), IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
NSPS (Part 60), JJJJ: Standards of Performance for Stationary Spark 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
MACT (Part 63), CCCCCC: National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities

Project Description
Alta has requested the following changes to AO DAQE-AN119550004-25, dated November 26, 2025:

- Add one 48 kW (64 hp) natural gas-fired emergency stationary generator engine.
- Add one 16.3 hp diesel-fired emergency auxiliary power unit (generator rating: 11 kW).

These changes result in a small increase in criteria pollutants and HAPs.

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	3.95	3162.00
Carbon Monoxide	3.31	7.33
Nitrogen Oxides	0.09	10.62
Particulate Matter - PM_{10}	0	1.02
Particulate Matter - $PM_{2.5}$	0	0.94
Sulfur Dioxide	0	0.42
Volatile Organic Compounds	0.01	0.67

Hazardous Air Pollutant	Change (lbs/yr)	Total (lbs/yr)
Acetaldehyde (CAS #75070)	0	4
Benzene (Including Benzene From Gasoline) (CAS #71432)	0	5
Formaldehyde (CAS #50000)	1	10
Generic HAPs (CAS #GHAPS)	0	120
Hexane (CAS #110543)	0	90
Toluene (CAS #108883)	0	2
	Change (TPY)	**Total (TPY)**
Total HAPs	0	0.12

PUBLIC NOTICE STATEMENT

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

A 30-day public comment period will be held in accordance with UAC R307-401-7. A notification of the intent to approve will be published in the Salt Lake Tribune on November 1, 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	**Alta Ski Area**

II.A.2	**SG-01 Emergency Diesel-Fired Engine** Old Watson Stationary Generator Maximum Engine Rating: 610 hp MACT Applicability: 40 CFR 63 Subpart ZZZZ
II.A.3	**SG-02 Emergency Diesel-Fired Engine** Cecret and Sugarloaf Lift Stationary Generator Maximum Engine Rating: 1,232 hp MACT Applicability: 40 CFR 63 Subpart ZZZZ
II.A.4	**SG-03 Emergency Diesel-Fired Engine** Wildcat/Buckhorn Office Stationary Generator Maximum Engine Rating: 1,073 hp NSPS Applicability: 40 CFR 60 Subpart IIII MACT Applicability: 40 CFR 63 Subpart ZZZZ
II.A.5	**SG-04 Emergency Natural Gas-Fired Engine (NEW)** Mine Housing Stationary Generator Generator Rating: 48 kW (64 hp) EPA Emission Rating: Phase 1 Class II Manufacture Year: 2026 NSPS Applicability: 40 CFR 60 Subpart JJJJ MACT Applicability: 40 CFR 63 Subpart ZZZZ
II.A.6	**SG-05 Emergency Diesel-Fired Engine** Cat Shop Stationary Generator Maximum Engine Rating: 2,170 hp MACT Applicability: 40 CFR 63 Subpart ZZZZ
II.A.7	**IC-03 Emergency Diesel-Fired Engine** Lower Collins Lift Auxiliary Power Unit Maximum Engine Rating: 515 hp MACT Applicability: 40 CFR 63 Subpart ZZZZ
II.A.8	**IC-04 Emergency Diesel-Fired Engine** Upper Collins Lift Auxiliary Power Unit Maximum Engine Rating: 593 hp MACT Applicability: 40 CFR 63 Subpart ZZZZ
II.A.9	**IC-07 Emergency Diesel-Fired Engine** Wildcat Lift Auxiliary Power Unit Maximum Engine Rating: 225 hp MACT Applicability: 40 CFR 63 Subpart ZZZZ
II.A.10	**IC-08 Emergency Diesel-Fired Engine** Collins Hydrostat Auxiliary Power Unit Maximum Engine Rating: 174 hp MACT Applicability: 40 CFR 63 Subpart ZZZZ
II.A.11	**IC-09 Emergency Diesel-Fired Engine** Supreme Lift Auxiliary Power Unit Maximum Engine Rating: 400 hp NSPS Applicability: 40 CFR 60 Subpart IIII MACT Applicability: 40 CFR 63 Subpart ZZZZ

II.A.12	**IC-10 Emergency Diesel-Fired Engine** Supreme Lift Auxiliary Power Unit Maximum Engine Rating: 400 hp NSPS Applicability: 40 CFR 60 Subpart IIII MACT Applicability: 40 CFR 63 Subpart ZZZZ
II.A.13	**IC-11 Emergency Diesel-Fired Engine** Sunnyside Auxiliary Power Unit Maximum Engine Rating: 110 hp NSPS Applicability: 40 CFR 60 Subpart IIII MACT Applicability: 40 CFR 63 Subpart ZZZZ
II.A.14	**IC-12 Emergency Diesel-Fired Engine (NEW)** Supreme Top Low Voltage Auxiliary Power Unit Maximum Engine Rating: 16.3 hp (Generator Standby Rating: 11 kW) Manufacture Year: 2024 EPA Emission Standards: Tier 4 final NSPS Applicability: 40 CFR 60 Subpart IIII MACT Applicability: 40 CFR 63 Subpart ZZZZ
II.A.15	**PC-01 Cat Shop** Metal Parts Cleaner and Used Oil Burner Maximum Rated Capacity: 150,000 Btu/hr
II.A.16	**One Fuel Dispensing Station** Two 12,000-gallon diesel underground storage tanks Federal Standard Applicability: None One 10,000-gallon gasoline underground storage tank MACT Applicability: 40 CFR 63 Subpart CCCCCC *- Listed for informational purposes only. -*
II.A.17	**Various Diesel Fuel Storage Tanks** Includes one 1,000-gallon diesel aboveground storage tank *- Listed for informational purposes only. -*
II.A.18	**Various Natural Gas-fired Boilers & Heaters** Maximum Rated Capacity: Less than 5.0 MMBtu/hr (each) *- 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	The owner/operator shall not allow visible emissions from any stationary point 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 comply with all applicable requirements of UAC R307-315-NO_x and CO Emission Controls for Natural Gas-Fired Boilers 2.0-5.0 MMBtu. [R307-315]
II.B.2	**Emergency Engine Requirements**
II.B.2.a	The owner/operator shall install emergency engines that are certified to meet the following emission rates in g/hp-hr: Natural gas-fired emergency stationary generator **Equipment ID** **Rating (hp)** **HC+NO_x** **CO** II.A.5 (SG-04) 64 10.0 387.3 Diesel-fired emergency auxiliary power unit **Equipment ID** **Rating (hp)** **NMHC+NO_x** **CO** **PM** II.A.14 (IC-12) 16.3 5.6 4.9 0.3 [40 CFR 60 Subpart IIII, 40 CFR 60 Subpart JJJJ, R307-401-8]
II.B.2.a.1	To demonstrate compliance with the emission rates, the owner/operator shall keep a record of the manufacturer's certification of the emission rates. The record shall be kept for the life of the equipment. [R307-401-8]
II.B.2.b	The owner/operator shall not operate each emergency engine on site for more than 100 hours per rolling 12-month period during non-emergency situations. There is no time limit on the use of the engines during emergencies. [40 CFR 63 Subpart ZZZZ, R307-401-8]
II.B.2.b.1	To determine compliance with the 12-month total, the owner/operator shall: A. Record the date the emergency engine was used B. Record the duration of operation in hours C. Record the reason for the emergency engine usage D. Use the operational hour data to calculate a new rolling 12-month total by the 20th day of each month using data from the previous 12 months. [40 CFR 63 Subpart ZZZZ, R307-401-8]
II.B.2.b.2	To determine the duration of operation, the owner/operator shall install a non-resettable hour meter for each emergency engine. [40 CFR 63 Subpart ZZZZ, R307-401-8]
II.B.2.c	The owner/operator shall only use diesel fuel (e.g., fuel oil #1, #2, or diesel fuel oil additives) as fuel in each diesel-fired engine listed in Section II.A. [R307-401-8]
II.B.2.d	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. [R307-203-1]
II.B.2.d.1	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.2.e	The owner/operator shall only combust natural gas as fuel in the natural gas-fired engine listed in Section II.A. [R307-401-8]

II.B.2.e.1	The owner/operator shall only combust pipeline quality natural gas in the natural gas-fired engine. [R307-401-8]
II.B.3	**Parts Cleaner and Used Oil Burner Requirements**
II.B.3.a	The owner/operator shall only use natural gas, liquid petroleum gas, #1 or #2 fuel oil, and on-specification used oil as defined in UAC R315-15 as fuel in the Cat Shop. [R307-401-8]
II.B.3.b	The owner/operator shall not consume more than 4,000 gallons of used oil per rolling 12-month period. [R307-401-8]
II.B.3.b.1	To determine compliance with the used oil consumption limit, the owner/operator shall: A. Determine oil consumption by examination of fuel purchase records B. Record oil consumption daily C. Use the oil consumption data to calculate a new rolling 12-month total by the 20th day of each month using data from the previous 12 months. [R307-401-8]
II.B.3.c	The owner/operator shall keep the parts cleaner lid closed when not in use to minimize solvent evaporation. [R307-401-8]
II.B.3.d	The owner/operator shall comply with all applicable requirements of UAC R307-325. Ozone Nonattainment and Maintenance Areas: General Requirements. [R307-325]
II.B.3.e	The owner/operator shall comply with all applicable requirements of UAC R307-335. Degreasing. [R307-335]
II.B.4	**Fuel Dispensing and Storage Requirements**
II.B.4.a	The owner/operator shall cover all open diesel and gasoline containers and fill pipes with gasketed seals when not in use. [40 CFR 63 Subpart CCCCCC, R307-401-8]
II.B.4.b	The owner/operator shall comply with UAC R307-431-9. Fuel Storage Tanks. [R307-431]

PERMIT HISTORY

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

Supersedes	AO DAQE-AN119550004-25 dated November 26, 2025
Is Derived From	NOI dated August 3, 2026
Incorporates	Additional Information dated August 18, 2026
Incorporates	Additional Information dated September 2, 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_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