

South Coast Air Quality Management District

Statement of Basis

Proposed Title V Renewal Permit

Facility Name:	Snow Summit, Inc.
Facility ID:	043201
SIC Code:	7999
Equipment Location:	880 Summit Boulevard Big Bear Lake, CA 92315
Application #(s):	518454
Application Submittal Date(s):	1/27/2011
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1. Introduction and Scope of Permit

Title V is a national operating permit program for air pollution sources. Facilities subject to Title V must obtain a Title V permit and comply with specific Title V procedures to modify the permit. This permit replaces the facility's other existing permits. Title V does not necessarily include any new requirements for reducing emissions. It does, however, include new permitting, noticing, recordkeeping, and reporting requirements.

Pursuant to Title V of the federal Clean Air Act and AQMD Rule 3004(f), a Title V permit shall expire five years from the date of issuance unless such permit has been renewed. Accordingly, each facility is required to submit a Title V renewal application and requested the AQMD to renew their Title V permit. The proposed permit incorporates updates to the facility information provided in the facility's Title V renewal application and all rules and regulations that are currently applicable to the facility.

The AQMD implements Title V through Regulation XXX – Title V Permits, adopted by the AQMD Governing Board in order to comply with EPA's requirement that local air permitting authorities develop a Title V program. Regulation XXX was developed with the participation of the public and affected facilities through a series of public workshops, working group meetings, public hearings and other meetings.

The Title V major source threshold for a particular pollutant depends on the attainment status of the pollutant. NO₂, SO₂, CO, and lead are in attainment with federal standards. The status for PM-10 is serious nonattainment. The status for ozone is currently extreme nonattainment.

A Title V renewal permit is proposed to be issued to cover the operations of Snow Summit, Inc. located at 880 Summit Boulevard, Big Bear Lake, CA 92315. This facility is subject to Title V requirements because it is a major source.

2. Facility Description

This is an existing Title V facility applying for Title V permit renewal that operates a ski resort. The facility operates emergency diesel and gasoline fired internal combustion engines (ICE), non-emergency diesel fired ICE's, gasoline storage and dispensing facility, and other supporting equipment. Emissions from each non-emergency diesel fired engine are vented to air pollution control system consisting of a particulate filter, an oxidation catalyst, and a selective catalytic reduction system.

3. Construction and Permitting History

The facility has been in constant operation with a Title V permit at this location since 2001. Numerous permits to construct and or permits to operate have been issued to the facility since March 2001. A Title V permit renewal was issued to the facility on August 29, 2006.

4. Regulatory Applicability Determinations

Applicable legal requirements for which this facility is required to comply are required to be identified in the Title V permit (for example, Section D, E, and H of the proposed Title V permit). Applicability determinations (i.e., determinations made by the District with respect to what legal requirements apply to a specific piece of equipment, process, or operation) can be found in the Engineering Evaluations. This facility is not subject to any NSPS requirements. However, the facility is subject to the requirements of 40CFR63 Subpart ZZZZ-National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. The requirements of this NESHAP are reflected in the Title V permit.

5. Monitoring and Operational Requirements

Applicable monitoring and operational requirements for which the facility is required to comply are identified in the Title V permit (for example, Section D, F, and J and Appendix B of the proposed Title V permit). Discussion of any applicable operational requirements can be found in the Engineering Evaluations. All periodic monitoring requirements were developed using strict adherence to the following applicable guidance documents: SCAQMD Periodic Monitoring Guidelines for Title V Facilities (November 1997); CAPCOA/CARB/EPA Region IX Periodic Monitoring Recommendations for Generally Applicable Requirements in SIP (June 1999); and CAPCOA/CARB/EPA Region IX Recommended Periodic Monitoring for Generally Applicable Grain Loading Standards in the SIP: Combustion Sources (July 2001).

CO, PM, and VOC emissions from each engine are vented to an air pollution control equipment consisting of a particulate filter and an oxidation catalyst. However, since the uncontrolled CO, PM10, and VOC emissions to each air pollution control system is less than 50, 70, and 10 tons per year respectively, the Compliance Assurance Monitoring (CAM) requirements of 40 CFR Part 64 are not applicable to the particulate filter and oxidation catalyst.

NOx emissions from the each ICE are controlled by an SCR system. However, since NOx is a RECLAIM pollutant and is subject to monitoring requirements of Regulation XX of the AQMD, the CAM requirements are not applicable to the SCR system.

6. Permit Features

Permit Shield

A permit shield is an optional part of a Title V permit that gives the facility an explicit protection from requirements that do not apply to the facility. A permit shield is a provision in a permit that states that compliance with the conditions of the permit shall be deemed compliance with all identified regulatory requirements. To incorporate a permit shield into the Title V permit involves submission of applications for change of conditions for each equipment affected by the permit shield. Permit shields are addressed in Rule 3004 (c). This facility has not applied for a permit shield.

Streamlining Requirements

Some emission units may be subject to multiple requirements which are closely related or redundant. The conditions may be streamlined to simplify the permit conditions and compliance. Emission limits, work practice standards, and monitoring, recordkeeping, and reporting requirements may be streamlined. Compliance with a streamlined condition will be deemed compliance with the underlying requirements whether or not the emission unit is actually in compliance with the specific underlying requirement. This facility has not applied for any streamlined conditions.

7. Summary of Emissions and Health Risks

Criteria Pollutant Emissions (tons/year) Annual Reported Emissions for Reporting Period 2010

Pollutant	Emissions (tons/year)
NOx	5.136
CO	3.103
VOC	0.764
PM	0.17
SOx	0.258

Toxic Air Contaminants Emissions (TAC) Annual Reported Emissions for Reporting Period 2010

The Following TACs Were Reported	Emissions (lbs/yr)
1,3-Butadiene	27
Ammonia	51
Benzene	26
Formaldehyde	121
Lead	0.423
Naphthalene	0.463

The Following TACs Were Reported	Emissions (lbs/yr)
Nickel	0.201
PAHs	0.617

Health Risk from Toxic Air Contaminants

The facility is subject to review by the Air Toxics Information and Assessment Act (AB2588). The Final Facility Health Risk was approved in 1998 with the following risk factors.

Cancer Risk	5.53 in one million
Acute Hazard Index	0.01
Chronic Hazard Index	0.01

8. Compliance History

As noted, the facility has been in constant operation with a Title V permit since 2001. The facility has been subject to both self-reporting requirements and AQMD inspections. The facility has had no citizen complaints filed, or Notices of Violation issued in the last two years. However, the facility was issued a Notice to Comply on 10/11/2011 requiring the applicant to either apply for a permit to operate, have a CARB Registration, or discontinue the use of one 80-hp John Deere ICE. In addition, the applicant was required to ensure that all reported quarterly NOx emissions are accurate. The facility has since removed the ICE and corrected the reported NOx emissions and is currently operating in compliance with all applicable rules and permit conditions.

9. Compliance Certification

By virtue of the Title V permit application and issuance of this Title V renewal permit, the reporting frequency for compliance certification for the facility shall be annual.