Via Email and CERTIFIED RETURN RECEIPT to Addressee

July 12, 2024

Mr. Mark Burnett Vice President of Facilities Snow Summit, LLC P.O. Box 77 Big Bear Lake, CA 92315

Subject: Approval of AB 2588 Health Risk Assessment (HRA) for

Snow Summit, LLC (South Coast AQMD Facility ID No. 185352)

Dear Mr. Burnett:

This letter provides approval of the Health Risk Assessment (HRA) submitted by Snow Summit, LLC. pursuant to the Air Toxics "Hot Spots" Act (AB 2588) and South Coast Air Quality Management District's (South Coast AQMD) Rule 1402. As noted in the HRA Summary Form (Attachment A), the risks posed by Snow Summit, LLC (Snow Summit) are below the Notification Risk Level and the Action Risk Level specified in Rule 1402.

## **Background**

South Coast AQMD staff notified Snow Summit on August 17, 2022 to prepare an Air Toxics Inventory Report (ATIR) based on the 2021 inventory year. Staff received the ATIR on January 16, 2023, and approved it on March 31, 2023. Staff then notified Snow Summit on March 31, 2023, to submit an HRA based on the approved ATIR. The HRA prepared for this request was submitted on July 12, 2023.

## **Risk Results and Next Steps**

As summarized in Attachment A, the risks posed by Snow Summit are below the Notification Risk Level and Action Risk Level specified in Rule 1402. Therefore, public notification and risk reduction is not required for this approved HRA. Staff did not find any information marked confidential in the submitted HRA. If there is any business confidential information contained within the submitted HRA, please provide in electronic format, a redacted version of the HRA within two weeks, or no later than July 26, 2024. South Coast AQMD will then publish the approved HRA on the AB 2588 website.

In accordance with AB 2588 and South Coast AQMD Rules 301 and 1402, Snow Summit remains in the AB 2588 program and is required to prepare future quadrennial emissions reports. The next quadrennial emissions report will be for the 2025 emissions inventory year. Snow Summit, LLC continues to be subject to an annual "Hot Spots" fee under Rule 307.1. Should significant changes in activities or operations occur at Snow Summit, please notify South Coast AQMD promptly. If

you have questions about this letter, please contact Courtney Watts, Air Quality Engineer, at (909) 396-2027, or Victoria Moaveni, Program Supervisor, at (909) 396-2455.

Sincerely,

Scott A. Epstein, Ph.D.

Planning & Rules Manager

Planning, Rule Development & Implementation

Attachment:

A. Health Risk Summary Form

SE:VM:AJ:CW

## ATTACHMENT A



## **HEALTH RISK ASSESSMENT SUMMARY FORM**

(Required in Executive Summary of HRA)

Facility Name		Snow Summit, LLC						
Facility Address:		880 Summit Boulevard						
		Big Bear Lake, CA 92315						
Type of Business: Skiir		Skiing Facility	kiing Facility with Other Recreational Activities (NAICS 713920)					
SCAQMD ID No.:		185352						
A. Cancer Risk		(One in a million means one chance in a million of getting cancer from being constantly exposed to a certain level of a chemical over a period of time)						
1. Inventory Reporting Year: 2021								
2. M	Maximum Cancer Risk to Receptors: (Offsite and resid			dence = 30-year exposure, worker = 25-year exposure)				
	a. Offsite	3.81	in a million	Location:	510,263 m E ; 3,788,335 m N			
	b. Residence	2.73	in a million	Location:	510,382 m E ; 3,788,336 m N			
	c. Worker	0.04	in a million	Location:	509,736 m E	; 3,788,630 m N		
3. Substances Accounting for 9			0% of Cancer Risk:		DPM, PAH (CAS No. 1151)			
Processes Accounting for 90			% of Cancer	Risk:	MCH DICE, R219-Exempt NG, R219-Exempt DICE, APU (Gasoline)			
4. Cancer Burden for a 70-yr exposure: (Cancer Burden = [cancer risk] x [# of people exposed to specific cancer risk])								
a. Cancer Burden			0.00005					
b. Number of people exposed to >1 per million cancer risk for a 70-yr exposure 20								
c. Maximum distance to edge of 70-year, 1 x 10 <sup>-6</sup> cancer risk isopleth (meters)								
B. Hazard Indices  [Long Term Effects (chronic) and Short Term Effects (acute)]  (non-carcinogenic impacts are estimated by comparing calculated concentration to identified Reference Exposure Levels, and expressing this comparison in terms of a "Hazard Index")								
1. Maximum Chronic Hazard Indices:								
	a. Residence HI:	0.002	Location:	510,382 m E ; 3,788,336 m N	toxicol	ogical endpoint:	Respiratory System	
	b. Worker HI:	0.0004	Location:	509,736 m E ; 3,788,630 m N	toxicol	ogical endpoint:	Respiratory System	
2. Substances Accounting for 90% of Chronic Hazard Index:  Ammonia, Acrolein, DPM, Formaldehyde, Chlorine								
3. Maximum 8-hour Chronic Hazard Index:								
	8-Hour Chronic H	I: <u>0.0007</u>	_ Location:	510,203 m E ; 3,788,360 m N	toxicol	ogical endpoint:	Respiratory System	
4. S	ubstances Accou	unting for 90	0% of 8-hour	Chronic Hazard	d Index:	Formaldehyde, Ac	rolein	
5. Maximum Acute Hazard Index:								
	PMI:	0.30	Location:	510,297 m E ; 3,786,682 m N	toxicol	ogical endpoint:	Immune System	
6. S	ubstances Accou	unting for 90	% of Acute	Hazard Index:		Benzene, Nickel		
C. Public Notification and Risk Reduction								
1. Public Notification Required? YesX No a. If 'Yes', estimated population exposed to risks > 10 in a million for a 30-year exposure, or an HI >1								
2. Risk Reduction Required? Yes X No								