



Homestake Mining Company of California

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June 9, 2021

Mr. Christopher Burrus  
Office of the State Engineer, District I  
5550 San Antonio Dr., NE  
Albuquerque, New Mexico 87109-4127

**RE: Homestake Mining Company - Grants Reclamation Project Water Use  
Report Letter of Information No. 721 for May 2021, Docket No. 040-08903,  
License SUA-1471**

Mr. Burrus,

In accordance with the Settlement Agreement associated Office of the State Engineer File Nos.:1605 and B-28 and issued October 31, 2016, Homestake Mining Company of California (Homestake) hereby submits the May 2021 data as required by Proposed Conditions of Approval item 2. A summary of the required reporting is provided below.

A total of 32,483,900 metered gallons (99.7 acre-feet) were injected into wells in the San Mateo alluvial aquifer and the Upper and Middle Chinle aquifers, all located in Sections 26, 27, 28, 34 and 35 T12N, R10W and Section 3 T11N, R10W (Table 1). As stated in File Nos. 1605 and B-28, Homestake requests return flow credits for water that is returned to underground aquifers. A portion of this injected water was shallow aquifer water treated by reverse osmosis and zeolite.

A monthly total of 43,076,730 metered gallons (132.2 acre-feet) of water were pumped from Homestake's production wells, of which 32,483,900 metered gallons were returned to the Bluewater underground water basin (Table 1). Metered water usage for industrial purposes was 10,592,830 gallons (32.5 acre feet) for May (Table 1).

On May 24, 2021, the meter readings for Deep Well #1 (B-28-S), Deep Well #2 (B-28-S-1) and well 951R (B-28-POD1340) were 541,737,984, 942,549,000 and 849,450,000 gallons, respectively. Monthly meter readings and volumes of water used are presented in Table 2.

Thank you for your time and attention on this matter. If you have any questions, please contact me via e-mail at [bbingham@homestakeminingcoca.com](mailto:bbingham@homestakeminingcoca.com) or via phone at 505.290.8019.

Respectfully,

A handwritten signature in blue ink, reading "Brad R. Bingham".

**Brad R. Bingham**  
Closure Manager  
Homestake Mining Company, Grants, New Mexico  
Office: 505.287.4456 x35 | Cell: 505.290.8019

cc: Document Control Desk, NRC, Washington, DC (electronic copy)  
R. Linton, NRC, Rockville, Maryland (electronic copy)  
A. Winton, NMED, Santa Fe, New Mexico (electronic copy)  
M. Purcell, Region VI EPA, Dallas, Texas (electronic copy)  
B. Tsosie, DOE, Grand Junction, Colorado (electronic copy)  
G. Hoffman, Hydro-Engineering, Casper, Wyoming (electronic copy)

**TABLE 1. HOMESTAKE RESTORATION VOLUME  
WATER DIVERSION, INJECTION AND CONSUMPTION, (AC-FT)**

[illegible][illegible]

**TABLE 2. HOMESTAKE SAN ANDRES WELLS' MONTHLY  
METER READINGS AND VOLUMES**

<b>2021</b>	<b>Deep#1 (B-28-S)</b>		<b>Deep Well #2 (B-28-S-1)</b>		<b>Well 951R (B-28-POD1340)</b>	
	<b>Meter Reading</b>	<b>Total Volume (gal)</b>	<b>Meter Reading</b>	<b>Total Volume (gal)</b>	<b>Meter Reading</b>	<b>Total Volume (gal)</b>
Dec. 2020	541,737,984		884,064,000		849,307,000	
Jan	541,737,984	0	898,564,000	14,500,000	849,337,000	30,000
Feb	541,737,984	0	908,729,000	10,165,000	849,379,000	42,000
Mar	541,737,984	0	920,199,000	11,470,000	849,433,000	54,000
Apr	541,737,984	0	931,214,000	11,015,000	849,433,000	0
May	541,737,984	0	942,549,000	11,335,000	849,450,000	17,000
Jun	541,737,984	0	942,549,000	0	849,450,000	0
Jul	541,737,984	0	942,549,000	0	849,450,000	0
Aug	541,737,984	0	942,549,000	0	849,450,000	0
Sep	541,737,984	0	942,549,000	0	849,450,000	0
Oct	541,737,984	0	942,549,000	0	849,450,000	0
Nov	541,737,984	0	942,549,000	0	849,450,000	0
Dec	541,737,984	0	942,549,000	0	849,450,000	0
TOTAL		0		58,485,000		143,000