



Homestake Mining Company of California

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February 10, 2022

Mr. Doug Crosby
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. 729 for January 2022, Docket No. 040-
08903, License SUA-1471**

Mr. Crosby,

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 January 2022 data as required by Proposed Conditions of Approval item 2. A summary of the required reporting is provided below.

A total of 45,330,819 metered gallons (139.1 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 55,561,144 metered gallons (170.5 acre-feet) of water were pumped from Homestake's production wells, of which 45,330,819 metered gallons were returned to the Bluewater underground water basin (Table 1). Metered water usage for industrial purposes was 10,230,325 gallons (31.4 acre feet) for January (Table 1).

On January 31, 2022, the meter readings for Deep Well #1R (B-28-POD1338), Deep Well #2R (B-28-POD1339) and well 951R (B-28-POD1340) were 79,553,085, 0, and 849,459,000 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@homestakeminingco.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. Maurer, NMED, Santa Fe, New Mexico (electronic copy)
M. Purcell, Region VI EPA, Dallas, Texas (electronic copy)
B. Tsosie, DOE, Grand Junction, Colorado (electronic copy)

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

[illegible]

On-Site Injection	South Off-Site Injection	North Off-Site Injection	Total Injection	Total Consumptive
88.4	21.5	29.2	139.1	31.4
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.9
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0

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

2022	Deep Well #1R (B-28-POD1338)		Deep Well #2R (B-28-POD1339)		Well 951R (B-28-POD1340)	
	Meter Reading	Total Volume (gal)	Meter Reading	Total Volume (gal)	Meter Reading	Total Volume (gal)
Dec. 2021	63,253,613		0		849,459,000	
Jan	79,553,085	16,299,472	0	0	849,459,000	0
Feb	79,553,085	0	0	0	849,459,000	0
Mar	79,553,085	0	0	0	849,459,000	0
Apr	79,553,085	0	0	0	849,459,000	0
May	79,553,085	0	0	0	849,459,000	0
Jun	79,553,085	0	0	0	849,459,000	0
Jul	79,553,085	0	0	0	849,459,000	0
Aug	79,553,085	0	0	0	849,459,000	0
Sep	79,553,085	0	0	0	849,459,000	0
Oct	79,553,085	0	0	0	849,459,000	0
Nov	79,553,085	0	0	0	849,459,000	0
Dec	79,553,085	0	0	0	849,459,000	0
TOTAL		16,299,472		0		0