



Homestake Mining Company of California

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June 9, 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. 733 for May 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 May 2022 data as required by Proposed Conditions of Approval item 2. A summary of the required reporting is provided below.

A total of 39,365,436 metered gallons (120.8 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 48,239,882 metered gallons (148.0 acre-feet) of water were pumped from Homestake's production wells, of which 39,365,436 metered gallons were returned to the Bluewater underground water basin (Table 1). Metered water usage for industrial purposes was 8,874,446 gallons (27.2 acre feet) for May (Table 1).

On May 27, 2022, the meter readings for Deep Well #1R (B-28-POD1338), Deep Well #2R (B-28-POD1339) and well 951R (B-28-POD1340) were 136,494,810, 000,000,000 and 849,473,000 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 that reads "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)
W. Frazier, DOE, Grand Junction, Colorado (electronic copy)

**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 | 92,661,847 | 13,108,762 | 0 | 0 | 849,464,000 | 5,000 |
| Mar | 106,326,539 | 13,664,692 | 0 | 0 | 849,464,000 | 0 |
| Apr | 120,439,774 | 14,113,235 | 0 | 0 | 849,464,000 | 0 |
| May | 136,494,810 | 16,055,036 | 0 | 0 | 849,473,000 | 9,000 |
| Jun | 136,494,810 | 0 | 0 | 0 | 849,473,000 | 0 |
| Jul | 136,494,810 | 0 | 0 | 0 | 849,473,000 | 0 |
| Aug | 136,494,810 | 0 | 0 | 0 | 849,473,000 | 0 |
| Sep | 136,494,810 | 0 | 0 | 0 | 849,473,000 | 0 |
| Oct | 136,494,810 | 0 | 0 | 0 | 849,473,000 | 0 |
| Nov | 136,494,810 | 0 | 0 | 0 | 849,473,000 | 0 |
| Dec | 136,494,810 | 0 | 0 | 0 | 849,473,000 | 0 |
| TOTAL | | 73,241,197 | | 0 | | 14,000 |