



Homestake Mining Company of California

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January 10, 2024

Mr. Gaige Swanson
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. 752 for December 2023, Docket No. 040-
08903, License SUA-1471**

Mr. Swanson,

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 December 2023 data as required by Proposed Conditions of Approval item 2. A summary of the required reporting is provided below.

A total of 18,523,491 (56.847 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.

A monthly total of 22,681,620 (69.607 acre-feet) of water were pumped from Homestake's production wells, of which 19,681,220 metered gallons were returned to the Bluewater underground water basin (Table 1). Metered water usage for industrial purposes was 4,158,129 (12.76 acre-feet) for November (Table 1).

On December 26, 2023, the meter readings for Deep Well #1R (B-28-POD1338), Deep Well #2R (B-28-POD1339) and well 951R (B-28-POD1340) were 354,457,850, 17,569, and 850,281,000 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 or via phone at 505.290.8019.

Respectfully,



Brad R. Bingham
Closure Manager
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**TABLE 1. HOMESTAKE RESTORATION VOLUME
WATER DIVERSION, INJECTION AND CONSUMPTION, (AC-FT)**

2023	On-Site Collection	San Andres Pumping	Off-Site Collection						Total Diversion
			South					North	
			Alluvial	Upper Chinle	Middle Chinle	Lower Chinle	Off-Site Total	Off-Site Total	
Jan	95.7	43.0	9.1	0.0	0.0	0.0	9.1	5.9	153.6
Feb	71.2	33.4	9.0	0.0	2.1	0.0	11.1	3.7	119.4
Mar	73.3	34.2	8.9	0.0	8.4	0.0	17.3	3.1	127.9
Apr	57.8	36.2	7.7	0.0	2.4	0.0	10.1	1.4	105.5
May	57.5	42.5	4.0	0.0	4.9	0.0	8.9	0.2	109.1
Jun	46.7	32.6	11.5	0.0	1.2	0.0	12.7	0.0	92.0
Jul	40.4	43.2	8.6	0.0	0.0	0.0	8.6	0.0	92.3
Aug	11.2	34.3	1.6	0.0	0.0	0.0	1.6	0.1	47.1
Sep	28.2	16.6	5.4	0.0	0.0	0.0	5.4	0.0	50.2
Oct	59.4	43.3	6.3	0.0	0.0	0.0	6.3	0.9	109.9
Nov	45.2	32.3	7.9	0.0	0.0	0.0	7.9	0.0	85.4
Dec	50.7	9.7	9.2	0.0	0.0	0.0	9.2	0.0	69.6

On-Site Injection	South Off-Site Injection	North Off-Site Injection	Total Injection	Total Consumptive
81.9	18.7	22.5	123.1	30.5
67.7	14.3	18.6	100.6	18.8
70.2	14.6	18.8	103.5	24.4
60.4	13.1	15.8	89.3	16.2
60.3	16.3	17.8	94.3	14.8
49.7	13.9	14.2	77.8	14.3
60.6	11.6	11.1	83.3	9.0
33.3	4.1	3.6	41.0	6.1
18.8	9.6	12.6	41.0	9.3
64.0	15.4	19.5	98.8	11.1
53.9	11.8	11.9	77.6	7.7
31.9	12.4	12.5	56.8	12.8

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

2023	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. 2022	223,751,359		0		849,478,000	
Jan	237,727,543	13,976,184	0	0	849,478,000	0
Feb	248,604,321	10,876,778	0	0	849,478,000	0
Mar	259,752,419	11,148,098	0	0	849,478,000	0
Apr	271,541,189	11,788,770	0	0	849,481,000	0
May	285,396,584	13,855,395	0	0	849,481,000	0
Jun	296,016,093	10,619,509	10,461	10,461	849,490,000	9,000
Jul	310,097,742	14,081,649	12,727	2,266	849,509,000	19,000
Aug	321,265,313	11,167,571	15,016	2,289	849,525,000	0
Sep	326,675,618	5,410,305	17,569	2,553	849,813,000	288,000
Oct	340,780,050	14,104,432	17,569	0	850,224,000	411,000
Nov	351,304,790	10,524,740	17,569	0	850,264,000	0
Dec	354,457,850	3,153,060	17,569	0	850,281,000	17,000
TOTAL		130,706,491		17,569		744,000