



Homestake Mining Company of California

Thomas Wohlford
Closure Manager

10 July 2017

40-8903

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

RE: Homestake Mining Company's (Homestake) Water Use Report Letter of Information No. 674 for June 2017

Dear Mr. Burrus,

This information is relative to files 1605 and B-28 for June 2017.

On June 26, 2017 the meter readings for Deep Well #1 (B-28-S), Deep Well #2 (B-28), well 943 (B-28-S-329), and well 951R (B-28-POD1340) were 541,709,440, 407,193,000, 38,553,700 and 802,908,000 gallons, respectively. Monthly meter readings and volumes are presented in Table 2.

Metered gallons of 48,663,187 [total water injected] or 149.3 acre-feet (see next to last column in Table 1) were injected into wells in the San Mateo alluvial aquifer and the upper Chinle Formation, all located in Sections 26, 27, 28, 29 and 35 T12N, R10W. As stated in Permit No. 1605 and B-28 Temp, Homestake requests return flow credits for water that is returned to underground aquifers. A portion of this injected water was alluvial aquifer water treated by reverse osmosis.

A monthly total of [industrial diversion] 55,503,094 metered gallons or 170.3 acre-feet (see tenth column in Table 1) of water were pumped from Homestake's production wells, of which 48,663,187 metered gallons [total water injected], were returned to the Bluewater underground water basin. Metered water used for industrial purposes was [industrial consumption] 6,839,907 gallons or 21.0 acre feet for June.

Thank you very much for your time and attention, if you have any questions regarding the foregoing information, I can be reached at 505-290-2187.

Respectfully,

Thomas Wohlford, Hydrogeologist, CPG
Closure Manager

NMSS01
NMSS



Grants Project

Homestake Mining Company of California

Monthly Water Usage Report to NM OSE June 2017

10 July 2017

HOMESTAKE MINING COMPANY OF CALIFORNIA

Copy To:

- Document Control Desk, NRC, Washington, DC (w/encl.)
- M. Meyer, NRC, Rockville, Maryland (w/encl.)
- B. Pearson, NMED, Santa Fe, New Mexico (w/encl.)
- B. Tsosie, DOE, Grand Junction, Colorado (w/encl.)
- S. Appaji, Region VI EPA, Dallas, Texas (w/encl.)
- M. McCarthy, Barrick, Salt Lake City, Utah (electronic copy)
- H. Burns, Barrick, Toronto, Ontario (electronic copy)
- C. Burton, Barrick, San Francisco, California (electronic copy)
- G. Hoffman, Hydro-Engineering, Casper, Wyoming (electronic copy)

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

2017	On-Site Collection	San Andres Pumping	Off-Site Collection					Total Diversion	
			Alluvial	Upper Chinle	Middle Chinle	Lower Chinle	South Off-Site Total		North Off- Site Total
Jan	64.0	69.4	50.5	0.0	7.3	0.0	57.8	46.5	237.7
Feb	56.2	67.5	13.4	0.0	1.8	0.0	15.2	11.6	150.5
Mar	57.4	74.4	7.7	0.0	1.4	0.0	9.1	6.3	147.2
Apr	52.2	67.8	7.0	0.0	1.4	0.0	8.4	14.7	143.1
May	91.3	80.9	14.5	0.0	3.6	0.0	18.2	33.7	224.0
Jun	72.6	26.5	43.1	0.0	6.9	0.0	50.0	21.3	170.3
Jul									
Aug									
Sep									
Oct									
Nov									
Dec									

On-Site Injection	South Off- Site Injection	North Off- Site Injection	Total Injection	Total Consumptive
72.0	62.3	80.9	215.1	22.6
68.7	26.5	41.1	136.4	14.1
49.6	34.0	46.8	130.4	16.8
51.2	29.6	46.8	127.6	15.5
80.5	42.5	65.5	188.5	35.5
59.8	38.0	51.5	149.3	21.0

