



Homestake Mining Company of California

Thomas Wohlford  
Closure Manager

August 3, 2018

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

40-8903

**RE: Homestake Mining Company's (Homestake) Water Use Report Letter of  
Information No. 687 for July 2018**

Dear Mr. Burrus,

This information is relative to files 1605 and B-28 for July 2018.

On July 30, 2018 the meter readings for Deep Well #1 (B-28-S), Deep Well #2 (B-28-S-1), well 943 (B-28-S-329), and well 951R (B-28-POD1340) were 541,737,984, 563,668,000, 3,357,476 and 848,017,000 gallons, respectively. Only well Deep Well #2 had water usage this month. Monthly meter readings and volumes of water usage are presented in Table 2.

Metered gallons of 42,057,355 [total water injected] or 129.1 acre-feet (see next to last column in Table 1) 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. 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 shallow aquifer water treated by reverse osmosis and zeolite.

A monthly total of [industrial diversion] 50,287,209 metered gallons or 154.3 acre-feet (see tenth column in Table 1) of water were pumped from Homestake's production wells, of which 42,057,355 metered gallons [total water injected], were returned to the Bluewater underground water basin. Metered water used for industrial purposes was [industrial consumption] 8,229,254 gallons or 25.25 acre feet for July.

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  
HOMESTAKE MINING COMPANY OF CALIFORNIA

NM5501



Grants Project

Homestake Mining Company of California

**Monthly Water Usage Report to NM OSE**

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

2018	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	66.0	52.1	38.4	0.0	10.4	0.0	48.8	48.6	215.5
Feb	33.5	37.6	11.6	0.0	2.7	0.0	14.4	27.8	113.3
Mar	37.2	54.9	0.0	0.0	0.0	0.0	-0.1	2.5	94.6
Apr	66.0	50.8	0.1	0.0	-0.1	0.0	0.0	12.0	128.7
May	55.6	39.0	7.5	0.0	3.2	0.0	10.7	15.4	120.8
Jun	66.2	33.7	12.7	0.0	9.7	0.0	22.4	13.6	135.9
Jul	70.7	38.1	29.3	0.0	11.4	0.0	40.8	4.8	154.3
Aug	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

On-Site Injection	South Off- Site Injection	North Off- Site Injection	Total Injection	Total Consumptive
98.1	37.0	66.1	201.2	14.3
46.0	22.2	41.2	109.4	3.9
35.5	14.3	39.4	89.2	5.4
51.7	22.8	43.4	117.9	10.8
40.6	19.0	29.9	89.4	31.4
54.1	19.1	42.2	115.5	20.5
60.7	22.3	46.1	129.1	25.3
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**

2018	Deep#1 (B-28-S)		Deep Well #2 (B-28-S-1)		Well 943 (B-28-S-329)		Well 951R (B-28-POD1340)	
	Meter Reading	Total Volume (gal)	Meter Reading	Total Volume (gal)	Meter Reading	Total Volume (gal)	Meter Reading	Total Volume (gal)
Dec. 2017	541,737,984		475,532,000		598,770		839,329,000	
Jan	541,737,984	0	487,811,000	12,279,000	3,347,106	2,748,336	841,280,000	1,951,000
Feb	541,737,984	0	500,071,000	12,260,000	3,356,929	0	841,287,000	0
Mar	541,737,984	0	512,819,000	12,748,000	3,356,953	0	846,429,000	5,142,000
Apr	541,737,984	0	527,569,000	14,750,000	3,357,435	0	848,290,000	1,789,000
May	541,737,984	0	540,278,000	12,709,000	3,357,476	0	848,290,000	0
Jun	541,737,984	0	551,258,000	10,980,000	3,357,476	0	848,294,000	0
Jul	541,737,984	0	563,668,000	12,410,000	3,357,476	0	848,017,000	0
Aug	541,737,984	0	563,668,000	0	3,357,476	0	848,017,000	0
Sep	541,737,984	0	563,668,000	0	3,357,476	0	848,017,000	0
Oct	541,737,984	0	563,668,000	0	3,357,476	0	848,017,000	0
Nov	541,737,984	0	563,668,000	0	3,357,476	0	848,017,000	0
Dec	541,737,984	0	563,668,000	0	3,357,476	0	848,017,000	0