



Homestake Mining Company of California

Thomas Wohlford
Closure Manager

7 November 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. 678 for October 2017

Dear Mr. Burrus,

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

On October 30, 2017 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 541,709,440, 452,339,000, 38,724,200 and 826,127,000 gallons, respectively. Monthly meter readings and volumes are presented in Table 2.

Metered gallons of 49,288,666 [total water injected] or 151.3 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] 55,057,789 metered gallons or 169.0 acre-feet (see tenth column in Table 1) of water were pumped from Homestake's production wells, of which 49,288,666 metered gallons [total water injected], were returned to the Bluewater underground water basin. Metered water used for industrial purposes was [industrial consumption] 5,769,123 gallons or 17.7 acre feet for October.

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

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Grants Project

Homestake Mining Company of California

Monthly Water Usage Report to NM OSE October 2017

7 November 2017

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

2017	On-Site Collection	San Andres Pumping	Off-Site Collection					South Off-Site Total	North Off- Site Total	Total Diversion
			Alluvial	Upper Chinle	Middle Chinle	Lower Chinle				
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	13.1	141.5	
May	91.3	80.9	14.5	0.0	3.6	0.0	18.2	27.9	218.2	
Jun	72.6	26.5	43.1	0.0	6.9	0.0	50.0	21.3	170.3	
Jul	83.9	45.5	6.5	0.0	0.0	0.0	6.5	15.1	151.0	
Aug	35.7	47.1	0.0	0.0	0.0	0.0	0.0	5.3	88.1	
Sep	52.8	48.2	0.0	0.0	0.0	0.0	0.0	1.9	102.9	
Oct	92.6	69.6	0.0	0.0	0.0	0.0	0.0	6.8	169.0	
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
49.6	29.6	46.8	126.0	15.5
74.7	42.5	65.5	182.7	35.5
59.8	38.0	51.5	149.3	21.0
63.2	18.6	33.1	115.0	36.0
46.6	11.2	18.5	76.3	11.8
47.2	11.2	31.7	90.2	12.7
84.5	22.0	44.8	151.3	17.7

