



Homestake Mining Company of California

Jesse R. Toepfer  
Closure Manager

via Certified Mail # 7009 0960 0000 8419 0874      Return Receipt Requested

31 August, 2015

Office of the State Engineer  
5550 San Antonio Dr., NE  
Albuquerque, New Mexico 87109-4127

**RE: Homestake Mining Company's (Homestake) Water Use Report Letter of Information No. 653  
for August 2015**

Dear Sir or Madam,

This information is relative to files 1605 and B-28 for August 2015.

On August 24, 2015 the meter readings for wells B-28-S, B-28, B-28-S-329, and B-28-POD1338 were 415,962,624, 170,989,000, 25,120,700 and 610,944,000, [from additional well information] respectively.

Metered gallons of 54,980,326 [total water injected] or 168.7 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.

In addition to the normal collection/injection system, Homestake also operates within the DP-200 permit a series of collection wells pumped for water that is re-injected into a series of injection wells. Since this is a contained system, the collection water for re-injection is not counted as part of the monthly water balance, because the water extracted is directly re-injected.

A monthly total of [industrial diversion] 57,640,056 metered gallons or 176.9 acre-feet (see tenth column in Table 1) of water were pumped from Homestake's production wells, of which 54,980,326 metered gallons [total water injected], were returned to the Bluewater underground water basin. Metered water used for industrial purposes was [industrial consumption] 2,659,730 gallons or 8.1 acre feet for August.

An error was found in the July report which resulted in too small of an industrial diversion volume. The correct monthly total of industrial diversion was 55,373,080 gallons or 169.9 ac-ft, and the correct monthly total for industrial consumption was 2,657,680 gallons or 8.2 ac-ft. These adjustments are shown in Table 1.

Thank you very much for your time and attention, if you have any questions regarding the foregoing information, I can be reached at 505-287-4456 extension 34 or directly via cell phone at 505-290-3067.

Respectfully,

**Jesse R. Toepfer**  
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, August 2015**

31 August, 2015

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G. Hoffman, Hydro-Engineering, Casper, Wyoming (electronic copy)

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

2014	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	29.7	136.7	0.6	0.0	0.7	0.0	1.3	0.0	167.7
Feb	27.1	166.9	0.0	0.0	0.0	0.0	0.0	0.0	194.0
Mar	36.6	208.8	3.3	0.0	2.7	0.0	6.0	0.0	251.4
Apr	11.5	180.9	7.4	0.0	5.3	0.0	12.7	0.0	205.1
May	0.6	178.6	7.2	0.0	6.7	0.0	13.9	0.0	193.2
Jun	30.8	194.7	10.8	0.0	11.7	0.0	22.5	0.0	248.1
Jul	29.3	140.5	0.1	0.0	0.1	0.0	0.1	0.0	169.9
Aug	30.9	146.0	0.0	0.0	0.0	0.0	0.0	0.0	176.9
Sep									
Oct									
Nov									
Dec									

On-Site Injection	South Off- Site Injection	North Off- Site Injection	Total Injection	Total Consumptive
78.4	19.8	60.9	159.0	8.6
80.0	45.8	62.5	188.3	5.6
94.4	54.2	81.0	229.7	21.8
76.3	47.1	64.5	187.9	17.2
73.4	40.0	65.2	178.7	14.5
86.9	53.4	74.5	214.8	33.3
70.9	36.4	54.5	161.8	8.2
74.6	36.1	58.1	168.7	8.2