



9 November 2016

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. 666 for October 2016**

Dear Sir or Madam,

This information is relative to files 1605 and B-28 for October 2016.

On October 31, 2016 the meter readings for wells B-28-S, B-28, B-28-S-329, and B-28-POD1338 were 541,703,232, 315,573,000, 20,670,000 and 751,812,000, [from additional well information] respectively.

Metered gallons of 36,404,757 [total water injected] or 111.7 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] 51,500,744 metered gallons or 158.1 acre-feet (see tenth column in Table 1) of water were pumped from Homestake's production wells, of which 36,404,757 metered gallons [total water injected], were returned to the Bluewater underground water basin. Metered water used for industrial purposes was [industrial consumption] 15,095,987 gallons or 46.3 acre feet for October.



Grants Project

Homestake Mining Company of California

Monthly Water Usage Report to NM OSE, October 2016

9 November 2016

Thank you very much for your time and attention, if you have any questions regarding the foregoing information, I can be reached at 505.290.3067.

Respectfully,

Jesse R. Toepfer
Closure Manager
HOMESTAKE MINING COMPANY OF CALIFORNIA

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

2016	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	66.3	208.2	0.0	0.0	0.0	0.0	0.0	1.3	275.8
Feb	72.5	177.4	0.0	0.0	0.0	0.0	0.0	19.5	269.4
Mar	107.6	47.5	0.0	0.0	0.0	0.0	0.0	24.7	179.8
Apr	120.9	74.4	0.0	0.0	0.0	0.0	0.0	1.1	196.4
May	89.0	52.5	0.0	0.0	0.0	0.0	0.0	34.2	175.7
Jun	93.9	69.1	0.5	0.0	0.8	0.7	1.9	11.9	176.8
Jul	57.6	37.7	6.0	0.0	2.4	0.6	9.1	24.1	128.6
Aug	56.9	56.5	9.2	0.3	3.7	0.0	13.2	16.3	142.9
Sep	51.4	41.4	1.0	0.0	0.8	0.0	1.8	8.6	103.2
Oct	55.1	46.1	6.2	1.2	14.1	0.0	21.6	35.2	158.1
Nov									
Dec									

On-Site Injection	South Off- Site Injection	North Off- Site Injection	Total Injection	Total Consumptive
119.6	56.4	92.2	268.2	7.6
119.2	42.7	88.2	250.1	19.4
62.6	26.9	48.9	138.4	41.4
81.8	41.2	49.2	172.3	24.1
94.9	36.0	14.4	145.3	30.4
89.4	21.7	51.5	162.7	14.1
75.3	10.8	23.7	109.8	18.8
93.0	14.7	27.7	135.4	7.5
66.3	20.8	9.8	96.9	6.3
53.4	21.3	37.0	111.7	46.3