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July 8, 2022

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

RE: Homestake Mining Company - Grants Reclamation Project Water Use Report Letter of Information No. 734 for June 2022, Docket No. 040-08903, License SUA-1471

Mr. Crosby,

In accordance with the Settlement Agreement associated Office of the State Engineer File Nos. 1605 and B-28 and issued October 31, 2016, Homestake Mining Company of California (Homestake) hereby submits the June 2022 data as required by Proposed Conditions of Approval item 2. A summary of the required reporting is provided below.

A total of 27,160,491 metered gallons (83.4 acre-feet) 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 (Table 1). As stated in File Nos. 1605 and B-28, 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 31,652,681 metered gallons (97.1 acre-feet) of water were pumped from Homestake's production wells, of which 27,160,491 metered gallons were returned to the Bluewater underground water basin (Table 1). Metered water usage for industrial purposes was 4,492,190 gallons (13.8 acre feet) for June (Table 1).

On June 27, 2022, the meter readings for Deep Well #1R (B-28-POD1338), Deep Well #2R (B-28-POD1339) and well 951R (B-28-POD1340) were 152,006,701, 000,000,000 and 849,473,000 gallons, respectively. Monthly meter readings and volumes of water used are presented in Table 2.

Thank you for your time and attention on this matter. If you have any questions, please contact me via e-mail at bbingham@homestakeminingcoca.com or via phone at 505.290.8019.

Respectfully,

Brad R. Bingham

Brad R. Buglan

Closure Manager

Homestake Mining Company, Grants, New Mexico Office: 505.287.4456 x35 | Cell: 505.290.8019

cc: Document Control Desk, NRC, Washington, DC (electronic copy)

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

			Off-Site Collection						
			South North						
	On-Site			Upper	Middle	Lower	Off-Site	Off-Site	Total
2022	Collection	San Andres Pumping	Alluvial	Chinle	Chinle	Chinle	Total	Total	Diversion
Jan	94.9	50.1	12.3	0.0	4.8	0.0	17.1	8.4	170.5
Feb	69.9	40.2	19.0	0.0	4.9	0.0	23.9	8.6	142.7
Mar	76.2	41.9	12.7	0.0	4.6	0.0	17.3	6.0	141.5
Apr	74.4	43.3	18.3	0.0	5.5	0.0	23.8	6.2	147.7
May	68.5	49.3	13.3	0.0	12.5	0.0	25.7	4.6	148.0
Jun	38.3	47.6	6.4	0.0	3.4	0.0	9.8	1.4	97.1
Jul	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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

	South Off-			
On-Site	Site	North Off-		Total
Injection	Injection	Site Injection	Total Injection	Consumptive
88.4	21.5	29.2	139.1	31.4
69.0	15.7	19.9	104.6	38.1
75.8	17.9	20.7	114.5	27.0
77.0	13.4	20.1	110.5	37.3
85.7	13.5	21.5	120.8	27.2
58.3	9.8	15.3	83.4	13.8
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
0.0	0.0	0.0	0.0	0.0

TABLE 2. HOMESTAKE SAN ANDRES WELLS' MONTHLY METER READINGS AND VOLUMES

	Deep Well #1R (B-28-POD1338)	Deep Well #2R ((B-28-POD1339)	Well 951R (B-28-POD1340)		
		Total Volume		Total Volume		Total Volume	
2022	Meter Reading	(gal)	Meter Reading	(gal)	Meter Reading	(gal)	
Dec. 2021	63,253,613		0		849,459,000		
Jan	79,553,085	16,299,472	0	0	849,459,000	0	
Feb	92,661,847	13,108,762	0	0	849,464,000	5,000	
Mar	106,326,539	13,664,692	0	0	849,464,000	0	
Apr	120,439,774	14,113,235	0	0	849,464,000	0	
May	136,494,810	16,055,036	0	0	849,473,000	9,000	
Jun	152,006,701	15,511,891	0	0	849,473,000	0	
Jul	152,006,701	0	0	0	849,473,000	0	
Aug	152,006,701	0	0	0	849,473,000	0	
Sep	152,006,701	0	0	0	849,473,000	0	
Oct	152,006,701	0	0	0	849,473,000	0	
Nov	152,006,701	0	0	0	849,473,000	0	
Dec	152,006,701	0	0	0	849,473,000	0	
TOTAL		88,753,088		0		14,000	