



Homestake Mining Company of California

Thomas Wohlford
Interim Closure Manager

31 March 2017

ATTN: Document Control Desk

Director, Office of Federal and State Materials and Environmental Management Programs
U.S. Nuclear Regulatory Commission,
Washington, DC 20555-0001

ATTN: Mr. Matthew Meyer

Materials Decommissioning Branch (Mail Stop T-8F5)
Decommissioning, Uranium Recovery, & Waste Programs
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

ATTN: Mr. Kurt Vollbrecht

Ground Water Quality Bureau
New Mexico Environment Department
PO Box 5469
Santa Fe, NM 87502-5469

**RE: 2016 Annual Monitoring Report / Performance Review, In Accordance With Nuclear
Regulatory Commission Docket No. 40-8903, License No. SUA 1471, and New Mexico
Environment Department DP-200 Ground Water Discharge Plan**

Mr. Meyer and Mr. Vollbrecht:

Pursuant to US Nuclear Regulatory Commission License SUA-1471, Docket 40-8903, License Condition 35(E) and in accordance with the ground water discharge permit DP-200 issued by the New Mexico Environment Department, please find enclosed copies of the subject Annual Performance Report for 2016 for Homestake's Grants Reclamation Project. Included in each report copy is a CD containing an electronic PDF file version of the report.

HMC noted in the past that monitoring conditions on the site are subject to change and may require periodic judgment decisions relative to the ability to supply certain data to meet the Table 2 - Groundwater Monitoring Program (8-99) requirements, as modified by NRC License provisions.

With respect to the well monitoring requirements outlined in Table 2, monitoring wells 446, 491, 492, 942 and SUB1 were not sampled in 2016; the wells are either obstructed, not accessible, or supply inadequate water for sampling. Wells 647 and SUB3 were not sampled due to their pumps being down in 2016. We are recommending, as part of the Corrective Action Program (CAP) update review, that these wells except for well 647 be replaced by alternate wells for monitoring in this area.

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Thank you for your time and attention on this matter. If you or anyone on your staff has any questions, please contact me at the Grants office at 505.287.4456, extension 34, or call me directly on my cell phone at 505.290.2187.

Respectfully,



Thomas Wohlford

Interim Closure Manager
Homestake Mining Company of California
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Copy To:

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