



Homestake Mining Company of California

Jesse R. Toepfer
Closure Manager

31 March 2015

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. Jack Parrott, Sr. Project Manager

Reactor Decommissioning Branch (Mailstop T-8F5)
Division of Waste Management and Environmental Protection
Office of Federal and State Materials and Environmental Management Program
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

ATTN: Mr. David Mayerson

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

**RE: 2014 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. Parrott and Mr. Mayerson:

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 2014 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, 492, 942 and SUB1 were not sampled in 2014; the wells are either obstructed, not accessible, or supply inadequate water for sampling. We are recommending, as part of the Corrective Action Program (CAP) update review, that these wells be replaced by alternate wells for monitoring in this area.

The following are important explanations for omissions or deviations pertaining to Condition 52 in the DP-200 permit.

NMS501

- 52. a No surface water monitoring is done at the site due to lack of surface water.
- 52. f. iii Due to the numerous water levels that are made during non-sampling events, water levels are tabulated separately in Appendix A. This has been done historically at this site.
- 52. f. iv The values exceeding the site standards are highlighted in the concentrations figures as they have been in the past annual performance reports.
- 52. f. v The constituent values in Appendix B which were not measured have a dash instead of NA. Historically this is how non-measured values are indicated.
- 52. f. vi All measured water levels are tabulated in Appendix A.
- 52. f. vii Samples were not able to be obtained from wells, 492, 446, 942 and SUB1 in 2014 and the reason for not having water quality from these wells is stated in the cover letter as it has been in the past.
- 52. f. viii HMC has furnished an electronic tabulation of the data base in the past to NMED. We have not included the historical data base in this submittal due to its size but can furnish it again if needed.
- 52. m, n & o HMC has been given routine updates and will continue to present updates in the future.

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 505.290.3067.

Respectfully,



Jesse R. Toepfer

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