



Homestake Mining Company of California

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October 8, 2021

**ATTN: Document Control Desk**

Document Control

U.S. Nuclear Regulatory Commission,

Washington, DC 20555-0001

**ATTN: Mr. Ron C. Linton**

Project Manager / Hydrogeologist

U.S. Nuclear Regulatory Commission

Decommissioning, Uranium Recovery & Waste Programs

Office of Nuclear Materials Safety and Safeguards

MS T-5A10, 11545 Rockville Pike

Rockville, MD 20852

**RE: Homestake Mining Company of California – Grants Reclamation Project - Notice of Updated Schedule to Submit an ACL Application, Docket 040-08903, License SUA-1471**

Mr. Linton:

As requested by the U.S. Nuclear Regulatory Commission (NRC), and as outlined in our July 29, 2021 correspondence (ML21210A163), Homestake Mining Company of California (HMC) provided a proposed schedule indicating an Alternative Concentration Level (ACL) application submittal date of 12/23/2021, including a pre-submission audit by NRC. As HMC has worked on the ACL application, including the associated modeling, it has become apparent that this timeframe was overly optimistic and would not allow HMC to provide a quality application with a refined groundwater model. Given the importance of this document in providing a path forward for the site and the work remaining, HMC is proposing a new schedule as outlined below:

4/01/22	Pre-Submittal Briefing and Summary Presentation to NRC
5/20/22	Submit to NRC For Pre-Submission Audit
8/08/22	Submittal to NRC ( <b>tentative, subject to revisions/comments from NRC review</b> )

Work performed to date includes but is not limited to:

- Incorporation of NRC GCAP comments
- Incorporation EPA's National Remedy Review Board comments
- Expansion of model domain to incorporate entire San Mateo Creek Basin
- Inclusion of data from SAG Characterization Study
- Inclusion of data from DOE's 2020 "Evaluating the Influence of High-Production Pumping Wells on Impacted Groundwater at the Bluewater, New Mexico, Disposal Site" report
- Expanded calibration through 2020
- Model expansion of Dual Domain Porosity to entire water-yielding domain.

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](mailto:bbingham@homestakeminingcoca.com) or via phone at 505.290.8019.

Respectfully,

A handwritten signature in blue ink, reading "Brad R. Bingham".

**Brad R. Bingham**

Closure Manager

Homestake Mining Company, Grants, New Mexico

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