



Grants Office

Alan D. Cox
Project Manager

31 March 2011

Via UPS Overnight

Mr. John Buckley, Site Manager
c/o Document Control Desk
Fuel Cycle Facilities Branch (Mailstop T8-A33)
Division of Fuel Cycle Safety and Safeguards
Office of Nuclear Materials Safety and Safeguards
U. S. Nuclear Regulatory Commission
11545 Rockville Pike
Two White Flint North
Rockville, MD 20852-2738

RE: **Grants Reclamation Project**
Docket No. 40-8903
License No. SUA-1471
2010 Annual Monitoring Report / Performance Review

Dear Mr. Buckley:

Pursuant to NRC License SUA-1 471, Docket 40-8903, License Condition 35(E), Homestake Mining Company of California (HMC) hereby submits two (2) copies of our 2010 Annual Monitoring Report / Performance Review for the Grants Reclamation Project. This report is an updated performance review of the groundwater corrective action program for the Grants site. 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 and 492 were not sampled in 2010 as the wells are either obstructed or supply inadequate water for sampling. As recommended in our 2009 annual report letter submittal, we are recommending, via the pending Corrective Action Plan review, that these wells be replaced by an alternate well for monitoring in this area.

Thank you for your time and attention on this matter. If you have any questions or require additional information, please contact me in our Grants office at (505) 287-4456 Ext. 25 or via cell phone at (505) 400-2794.

Sincerely yours,

HOMESTAKE MINING COMPANY
OF CALIFORNIA

Alan D. Cox
Project Manager / RSO

Enclosures (2 copies 2010 Annual Performance Review report)

xc: B. Spitzberg, NRC Arlington, TX (w/encl.)
J. Schoeppner, NMED (encl. - 2 copies)
S. Appaji, Region VI EPA, (w/encl.)
D. Hicks, DOE Denver (w/encl.)
Grants Superfund Repository (CD only)

R. Chase, SLC, (electronic copy.)
T. Grandy, SLC (electronic copy)
B. Ferdinand, SLC, (electronic copy)
G. Hoffman, Casper (w/o encl)

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EXTRA COPY sent to PM



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Project Manager

31 March 2011

Via UPS Ground

Mr. Jerry Schoeppner
Ground Water Quality Bureau
New Mexico Environment Department
1190 St. Francis Drive
Santa Fe, NM 87502

RE: **Grants Reclamation Project NMED
Discharge Permit DP-200
NRC License No. SUA-1471 Docket No. 40-8903**

2010 Annual Monitoring Report / Performance Review

Dear Mr. Schoeppner:

Pursuant to NRC License SUA-1471, Docket 40-8903, License Condition 35(E), and the Terms and Conditions provisions of NMED Discharge Plan DP-200, Homestake Mining Company of California (HMC) hereby submits two (2) copies of our 2010 Annual Monitoring Report / Performance Review for the Grants Reclamation Project. This report is an updated performance review of the groundwater corrective action program for the Grants site. One copy is intended for your use; the other is submitted for use by the NMED Superfund Oversight Section (SOS) staff. Please forward the second copy to Ms. D. Bahar for her use by staff in the SOS. Included are CDs of the report 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 and 492 were not sampled in 2010 as the wells are either obstructed or supply inadequate water for sampling. We are recommending, via the pending NRC Corrective Action Plan review and renewal of DP-200, that these wells be replaced by an alternate well(s) for monitoring in this area.

Thank you for your time and attention on this matter. If you have any questions or require additional information, please contact me in our Grants office at (505) 287-4456 Ext. 25 or via cell phone at (505) 400-2794.

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