



**FREEPORT-McMoRAN  
COPPER & GOLD**

Copper Queen Branch/Freeport-McMoRan Corporation  
36 West Highway 92  
Bisbee, Arizona 85603

January 23, 2012

Ms. Mindi Cross  
Water Quality Compliance Section  
Arizona Department of Environmental Quality  
1110 West Washington Street  
Phoenix, AZ 85007

**RE: Groundwater Monitoring Report for the Third Quarter 2011  
Mitigation Order on Consent No. P-121-07**

Dear Ms. Cross:

Freeport-McMoRan Copper Queen Branch herein submits three copies of the attached Groundwater Monitoring Report for monitoring activities conducted in the fourth quarter of 2011. The report was prepared by Clear Creek Associates, P.L.C for Task 2.2 of the Aquifer Characterization Plan described in the Work Plan<sup>1</sup>. If you have any questions about this information please contact me at (520) 432-6206.

Sincerely,

Rebecca A. Sawyer  
Sr. Environmental Engineer  
Freeport-McMoRan Copper Queen Branch

**Attachments**

cc: File (4.1.2.2.3.4)  
Mike Jaworski, Freeport-McMoRan Corporation  
Sheila Deely, Freeport-McMoRan Copper & Gold  
Stuart Brown, Freeport-McMoRan Copper & Gold  
Lee Wilkening, Freeport-McMoRan Copper & Gold  
D. Mollenberg, Gallagher & Kennedy

<sup>1</sup>Hydro Geo Chem, 2008. Revision I Work Plan to Characterize and Mitigate Sulfate with Respect to Drinking Water Supplies in the Vicinity of the Concentrator Tailing Storage Area, Cochise County, Arizona. July 3, 2008.

