



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

VIA OVERNIGHT MAIL A372 840 997 7

June 19, 2009

Ms. Cynthia S. Campbell
Manager, Water Quality Compliance Section
Arizona Department of Environmental Quality
1110 West Washington Street
Phoenix, Arizona 85007-2935

**Re: Interim Action Report
Mitigation Order on Consent No. P-121-07**

Dear Ms Campbell:

In accordance with Mitigation Order on Consent, Docket No. P-121-07 between Freeport-McMoRan Copper Queen Branch (CQB) and Arizona Department of Environmental Quality (ADEQ), an interim action report is to be submitted to ADEQ within 30 days of implementing an interim action. As stipulated in the mitigation order, the interim action report shall *"state the name of the owner(s)/operator(s) of the affected well, the location and type of well (public or private) affected, and the interim action selected."*

One private well verified as a drinking water supply well (DURAZO), was sampled in February 2009 and found to contain a sulfate concentration greater than the 250 milligrams per liter (mg/L) limit set by the Mitigation Order. CQB has supplied bottled water to the users of DURAZO since at least September 2000 although permission to sample the well to verify its sulfate concentration was not received until February 2009. As an interim action CQB will continue to provide bottled water to the users of DURAZO.

Two private wells identified in the December 19, 2008 Interim Action Report¹ had sulfate concentrations greater than or just below the 250 mg/L, COLLINS and SCHWARTZ, respectively. Additional information obtained through interviews with the new property owner of the COLLINS well verified that the well water is used for livestock and pets and not drinking water. Monthly sampling has been conducted at SCHWARTZ and the results of that monitoring and trend analysis were submitted to ADEQ on February 6, 2009². The

¹ Rebecca A. Sawyer (Freeport) to Cynthia S. Campbell (ADEQ). Interim Action Report, December 19, 2008.

² Rebecca A. Sawyer (Freeport) to Cynthia S. Campbell (ADEQ). Mitigation Order, Docket No. P-121-07, Results of Monthly Sulfate Monitoring and Trend Analysis. February 6, 2009.

results of that sampling found the average sulfate concentration to be less than 250 mg/L based on three quarters of follow up monitoring.

CQB has removed SCHWARTZ and COLLINS from the Interim Action List of affected wells and will not be supplying bottled water to these residences. COLLINS was removed because it is not a drinking water supply. SCHWARTZ was removed because sulfate concentrations meet the criteria for termination of an interim action as described in Section 4 of the Work Plan³. The attached table provides the information required on the wells identified in this Interim Action report.

Please contact me at (520) 432-6206 if you have any questions regarding this report.

Sincerely,

A handwritten signature in black ink, appearing to read 'Rebecca A. Sawyer', with a stylized, flowing script.

Rebecca A. Sawyer
Senior Environmental Engineer
Copper Queen Branch

Attachment

cc: Michael Jaworski, Freeport-McMoRan Copper Queen Branch
Ned Hall, Freeport-McMoRan Copper & Gold Inc.
Sheila Deely, Freeport-McMoRan Copper & Gold Inc.
Dalva Moellenberg, Gallagher & Kennedy
Stuart Brown, Bridgewater Group, Inc.
Jim Norris, Hydro Geo Chem, Inc.

³ Hydro Geo Chem, Inc. 2008. Revision 1, 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. Mitigation Order on Consent Docket No. P-121-07. July 3, 2008.

TABLE 1
INTERIM ACTION REPORT

Owner	ADWR 55 Registry No.	UTM East	UTM North	Address	City	State	Zip	Well Type	Interim Action
Collins, James	565260	602551.286	3471341.335	2331 S. Coleman Street	Bisbee	Arizona	85603	Private	Not Warranted; well not used for drinking water supply
Durazo, Alva	No Record	602041	3471284	2350 S. Sunflower Lane	Bisbee	Arizona	85603	Private	Bottled water provided since September 2000
Schwartz, Elizabeth	210865	600811.529	3468268.057	3468 S. Clubview Terrace	Bisbee	Arizona	85603	Private	Not Warranted; average sulfate concentration <250 mg/L based on three quarters of monitoring

ADWR = Arizona Department of Water Resources
UTM = Universal Transverse Mercator, Zone 12 North American Datum 1983 (NAD83)
mg/L = milligrams per liter