



Sierrita Operations  
Environment, Land & Water Department  
6200 West Duval Mine Road  
PO Box 527  
Green Valley, Arizona 85622-0527

July 1, 2013

**Via UPS #1Z 867 7E4 23 1001 265 5**

Ms. Mindi Cross  
Arizona Department of Environmental Quality  
Water Quality Compliance Section  
1110 West Washington Street  
Phoenix, Arizona 85007-2935

Re: **Mitigation Order on Consent Docket No. P-50-06  
April 1<sup>st</sup> through June 30<sup>th</sup>, 2013 Status Report**

Dear Ms. Cross:

In accordance with Section V.A. of the Mitigation Order on Consent, Docket No. P-50-06, Freeport-McMoRan Sierrita Inc. (Sierrita) submits the Status Report covering the period from April 1<sup>st</sup> through June 30<sup>th</sup>, 2013.

Since the last Status Report was submitted, the following measures have been taken under Section III of the Mitigation Order:

- Completed the 2<sup>nd</sup> quarter, 2013 groundwater monitoring activities.
- Completed drilling, air lifting, and pump testing at FFS-1, FFS-2, FFS-4, and MC-1 wells. Drilling, airlifting and pump testing has been completed for all wells. Pump test results for FFS-3 and FFS-4 indicate that the two wells will not meet the conceptual design production. Productions at FFS-2, FFS-5 and MC-1 were increased to compensate for the loss at FFS-3 and FFS-4. Well production summary is provided below:

| Well ID | Design Production (gpm) | Planned Production (gpm) |
|---------|-------------------------|--------------------------|
| PS-1    | 600                     | 600                      |
| PS-2    | 600                     | 600                      |
| PS-3    | 600                     | 600                      |
| PS-4    | 750                     | 750                      |
| MC-1    | 700                     | 900                      |
| MC-2    | 700                     | 700                      |
| MC-3    | 600                     | 600                      |
| MC-4    | 600                     | 600                      |
| FFS-1   | 700                     | 1,000                    |
| FFS-2   | 600                     | 900                      |
| FFS-3   | 400                     | 300                      |
| FFS-4   | 500                     | 250                      |
| FFS-5   | 900                     | 1,075                    |
| FFS-6   | 600                     | 600                      |

- Completed pump installation at PS-1, PS-2, PS-3 and PS-4.
- Completed construction of Mitigation Order well field conveyance system.
- Scheduled the second Community Advisory Group meeting of the year for July 10<sup>th</sup>, 2013.

- Initiated the subsidence study to evaluate impacts to the community and Sierrita structures due to the Mitigation Order pumping plan.
- Completed 25kV distribution line for all wells
- Submitted the Semiannual Groundwater Monitoring Report.
- Feasibility study for the new tailings impoundment is ongoing.

During the next quarter, the following activities will be conducted:

- Complete inspections and testing of booster station for the entire mitigation well conveyance system.
- Complete Fresh Water Circuit.
- Test and commission PS wells.
- Continue pump installations at MC and FFS wells.
- Continue subsidence study.
- Conduct quarterly groundwater monitoring according to the revised groundwater monitoring schedule.
- Hold the next CAG meeting.

Please do not hesitate to contact me at (520) 393-2252 if you have any question regarding this submittal.

Sincerely,



Kanyembo Katapa, P.E.  
Environmental Engineer  
Freeport-McMoRan Sierrita Inc.

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xc: David Haag, Arizona Department of Environmental Quality  
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