

# HUDBAY

January 28, 2015

Coronado National Forest  
300 West Congress Street  
Tucson, AZ 85701

**Attn: Jim Upchurch, Forest Supervisor**

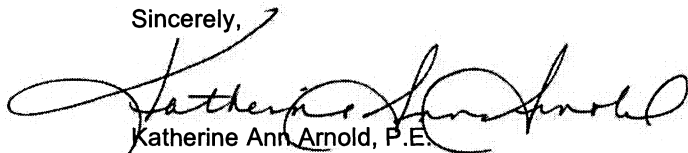
Dear Mr. Upchurch:

In your letter dated January 16, 2015, you requested that Hudbay share any additional information with you that you should have in preparation of the SBA or SIR. Late last week, I was able to share water quality and water level data that we continue to collect as well as a link for Ranid (2012-2014) and Bat (2012-2013) survey reports for the years indicated. Your letter also requested we provide analysis of air emissions using updated emissions factors provided by Caterpillar which I shared earlier today.

After the meetings regarding hydrologic data and analysis in June 2014 and after reviewing additional information provided by some of the meeting attendees, Hudbay wanted to be sure that you had our technical analysis for your review during the SIR process. Attached you will find two memoranda that review the information presented and provide some critiques of the analysis for your consideration. Because some of the analysis (specifically the Powell document referenced) was provided to ADEQ during the 401 Certification process, I am providing a copy of this information to that department as well.

Please let me know if you have any questions regarding the information provided.

Sincerely,



Katherine Ann Arnold, P.E.  
Director of Environment

Attachment: *WestLand Resources, Inc., Review of Predicted Impacts to Aquatic Habitat in Cienega Creek and Empire Gulch dated 15Jan2015*  
*Hydro-Logic, Review of Powell and others, 2014 report dated 27Jan2015*

cc: Mindy Vogel, Coronado National Forest  
Melissa Polm, SWCA  
Linda Taunt, ADEQ

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