



Interwest Mining Company  
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July 27, 2016

Submitted electronically

Dana Dean – Associate Director, Mining  
Utah Division of Oil, Gas, and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

**Subj: Precipitation Event on East Mountain and Deer Creek Mine – July 19, 2016**

Dear Ms. Dean,

A precipitation event on East Mountain on Tuesday, July 19 caused extensive damage to the sediment controls at the Deer Creek Mine site in Deer Creek Canyon and Rilda Canyon.

At approximately 12:00 p.m. on the 19<sup>th</sup>, a large thunderstorm was observed passing over East Mountain from SW to NE. No personnel are stationed at the Deer Creek site, and the impacts at Deer Creek were not observed until Wednesday July 20. On July 20, 2016, Interwest staff began surveying the impacts to the mine. A large flow of water, mud, rocks, and trees had flowed down undisturbed Deer Creek from above the mine site and plugged the inlet to the main undisturbed bypass culvert; the remainder of the flow traveled overland down alongside the fan access road, into the mine yard, down alongside the main access road, past the sediment pond, and off the lower end of the property and back into Deer Creek. Due to the size of the debris in the flow, all culvert inlets, drop inlets, and diversion ditches in the path of the flow were plugged. Affected areas were photographed prior to the beginning of repair work.

There is no rain gauge at the Deer Creek site. At the Rilda canyon portals a rain gauge showed 1.25” of rain for this event and a rain gauge at Huntington Plant showed 0.79” of rain in 30 minutes for this storm. Interwest’s weather station above Des-Bee-Dove mine showed no rainfall. At the Rhino Castle Valley mine, the rain gauge showed 0.5”. These readings indicate the localized nature of the storm. The origin of this flood was on East Mountain above the uppermost structures at Deer Creek, the flow exceeded the design capacity of the bypass culvert, which has operated successfully for the last 45 years.

Operations personnel at the mine immediately contacted Nielson construction to mobilize and repair the damage. Construction equipment is already working on-site repairing the damage.

Please feel free to contact me if you have any questions or need any further information regarding this incident. My direct number is (435) 687-4712.

Sincerely,



Kenneth Fleck

Geology and Environmental Affairs Manager

Cc Karl Houskeeper (UDOGM)  
Daron Haddock (UDOM)  
Chuck Semborski (IMC)  
Scott Child (IMC)  
File





Every Lime!

NO PARKING  
AMBULANCE EXIT

DO NOT WASH  
EQUIPMENT  
OUTSIDE OF  
BUILDING IN  
WINTER MONTHS

SAFE

DO NOT WASH  
EQUIPMENT  
OUTSIDE OF  
BUILDING IN  
WINTER MONTHS







