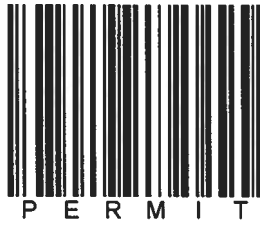


# Hydrology





## BATTLE MOUNTAIN RESOURCES, INC.

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November 06, 2014

Mr. Wally Erickson  
State of Colorado  
Division of Reclamation, Mining and Safety  
1313 Sherman Street, Room 215  
Denver, CO 80203

Re: Battle Mountain Resources Inc.  
San Luis Project  
CMLRB Permit No.M-88-112  
October 2014 Monthly Report

**RECEIVED**

NOV 10 2014

DIVISION OF RECLAMATION  
MINING AND SAFETY

Dear Mr. Erickson:

The following summarizes monitoring and site activities at the Battle Mountain Resources Inc. (BMRI), San Luis Project for the month of October, 2014.

Surface and ground water monitoring and analysis were completed for all required sites during the month per the terms and conditions of the TR-32 Quality Assurance and Quality Control (QA/QC) plan.

Vacuum on the tailing lysimeters was verified on October 30<sup>th</sup>, no water was present for sampling and subsequent analysis.

Depths to water were collected for the tailing impoundment main embankment piezometers and the West Pit monitoring wells in October 30<sup>th</sup>. October tailing impoundment piezometer measurements identified these installations were either dry or contained less than 12 inches of water as illustrated in Table 2. Tables 1 and 2 below identify the depth to water measurements collected for each of the site monitoring wells, piezometers and lysimeters as required by the terms and conditions of the TR-32 QA/QC plan. The leak detection system was measured on October 30<sup>th</sup>. A total of 900 gallons of water was excavated from the leak detection system yielding a monthly average of 30 gpad. The tailings pond under-drain measured 39 gpm.

During the month of October, the West Pit water treatment plant operated efficiently discharging a total of 6,869,700 gallons (21.08 acre-feet) of water to Rito Seco Creek and a total of 799,800 gallons (2.45 acre-feet) of water was transferred from the West Pit to the tailings impoundment. Seepage along Rito Seco Creek remained dry during the month.

Table 1-October 2014 Ground Water Monitoring Well and Lysimeter Depth to Water Measurements

Monitoring Site	Date	Depth to Water (feet)
M-4R	10/30/14	0
M-6	10/30/14	Dry
M-7	10/30/14	Dry
M-8	10/30/14	Dry
M-9	10/30/14	141.53
M-10	10/30/14	24.91
M-11R	10/30/14	40.03
M-12	10/30/14	176.36
M-13R	10/30/14	126.79
M-14	10/30/14	131.62
M-15	10/30/14	90.77
M-16	10/30/14	21.71
M-19	10/30/14	24.68
M-21	10/30/14	18.56
M-22	10/30/14	16.76
M-26	10/30/14	16.17
M-32	10/30/14	44.16
M-33	10/30/14	47.95
M-34	10/30/14	24.08
BF-4	10/30/14	24.88
BF-6	10/30/14	31.01
LS-1R	10/30/14	Dry
LS-2R	10/30/14	Dry
LS-3	10/30/14	Dry
LD-1R	10/30/14	Dry
LD-2R	10/30/14	Dry
LD-3	10/30/14	Dry

Table 2 – October 2014 Tailing Disposal Area Piezometer Depth to Water

Piezometer	Date	Depth to Water (feet)	Total Depth (ft)	Volume of Water (ft)
P6	10/30/14	Dry	72.46	0.00
P7	10/30/14	92.28	92.50	0.22
P8	10/30/14	96.98	97.51	0.53
P9	10/30/14	71.91	72.30	0.39

Table 2 – October 2014 Tailing Disposal Area Piezometer Depth to Water  
Measurements (continued)

Piezometer	Date	Depth to Water (feet)	Total Depth (ft)	Volume of Water (ft)
P10	10/30/14	57.33	58.30	0.97
P11	10/30/14	41.36	41.80	0.44
P12	10/30/14	41.38	41.71	0.33
P13	10/30/14	40.99	41.34	0.35
P14	10/30/14	Dry	41.24	0.00
P15	10/30/14	40.88	41.10	0.22

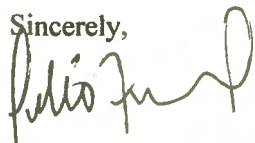
Table 3 below provides the calendar year 2014 sludge management for the San Luis site.

Table 3 - Water Treatment Plant Sludge Management Year to Date.

Date	Quantity	Sludge Management
August 2013		Sludge transferred from Pond #3 to drying pad.

Should you have any questions or comments, please do not hesitate to contact either myself at (719) 379-0798 or Mr. Larry Fiske at (303) 837-5676.

Sincerely,



Julio F. Madrid  
Sr. Supervisor Legacy Sites Reclamation and Closure

Cc: Larry Fiske  
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