

MLR ANNUAL REPORT ADDENDUM

Sunnyside Mine and Mayflower Mill

File No. M-1977-378

April 2019 to March 2020

**Sunnyside Gold Corporation ("SGC")
San Juan County
Silverton, Colorado**

Submitted to:

**Division of Reclamation, Mining and Safety
Colorado Department of Natural Resources
Denver, Colorado**

ANNUAL REPORT FORM SUPPLEMENTAL INFORMATION FOR NUMBERED QUESTIONS

8. As reported in the 2018 Annual Report, during 2018, three areas were released from the permit (Terry Tunnel, Sunnyside Basin and American Tunnel) reducing the permitted area to 64.23 acres (Tailings Pond No. 4). While the remaining 64.23 acres have not been released, reclamation of the disturbed 60.81 acres has been completed in accordance with the approved reclamation plan and, therefore, the acres are no longer “affected lands.”

SITE RECLAMATION ACTIVITY

APRIL 2019 TO MARCH 2020

TAILINGS POND No. 4 - (Map attached)

During the 2019 reporting year, no additional acreage was disturbed.

Activity at this site consisted of;

- 1) Monitoring and minor maintenance.
- 2) Conducting a study in accordance with an Administrative Settlement Agreement and Order on Consent with EPA of the Animas River from Arrastra Creek to the 14th Street bridge in Silverton to determine what impact, if any, the Mayflower facilities may be having on water quality. This work is discussed in the monitoring section.
- 3) Monitoring the fourteen monitoring wells placed on Tailings Pond No. 4 to characterize the tailings and depth to groundwater.

MONITORING - Water Quality

Attached is water quality data for;

- 1) Mayflower Millsite area
 - a) Animas River above (AR3.5) and below (AR4) complex.

MONITORING - Discussion of Water Quality Monitoring Results

1) Mayflower Millsite area

The Animas River monitoring results continue to exhibit higher downstream concentrations for manganese, while zinc concentrations are nearly identical between upstream and downstream monitoring points.

During the review of 2019 data for AR 4, it was discovered that there was an issue with the permit required, May 13, 2019 sample results. The data indicated non-detect values for some of the reporting constituents. Discussions with the lab showed that a mix-up occurred at the lab with a blank sample during the time actual samples were received. Conclusion, the May 13, 2019 data for this site is of no value based on pass sampling and reporting.

In accordance with an Administrative Settlement Agreement and Order on Consent with EPA, SGC implemented a study to assess what impact, if any, the Mayflower Area tailings ponds have on water quality in the segment of the Animas River between Arrastra Creek and the 14th Street bridge in Silverton (A-68). The MLR monitoring points are within this segment.

The study included the following: continuation of the close spaced in-stream water quality samples as well as sampling of visible inflow along the segment during high-flow and low-flow; in-stream sediment and pore water sampling and the monitoring of the groundwater levels and water quality beneath the tailings ponds. Fourteen of these monitoring wells are within SGC's MLR permit area on Tailings Pond No. 4 (refer to map).

The study results were similar to 2015 through 2018. In general, the highest concentration results in 2019 were during low flow.

APPENDIX A

Monitoring Data