

# HOLDEN MINE REMEDIATION PROJECT

## Holden Mine Construction Update for January & February 2016

Unlike years past, remediation work is continuing through the winter on the Holden Mine Remediation project. Approximately 40-50 workers have been onsite throughout the winter working on the mine water treatment plant.

Extremely cold temperatures and snow made for arduous working conditions on the Holden Mine Remediation project in early January as temperatures dipped down around 4 degrees Fahrenheit. This resulted in extra equipment maintenance needs and the inability to work on exterior projects. Snow removal continues as needed to keep roads clear and construction areas safe and accessible. At the end of February there was 59 inches of snow on the ground at Holden Village, and they have received a total 259 inches so far this season.

Returning crews will be required to attend an avalanche rescue course as part of their safety training. February brought warmer temperatures and rain to the Railroad Creek drainage causing excess water runoff in the Wolverine Fire burn area. Minor damage to roadbeds was reported and water pooled up in the Lucerne area. Rains however did not affect the construction efforts at the mine remediation site.

Mine remediation workers are working diligently and have accomplished great work the past two months. Crews continued interior construction on the mine water treatment plant including installation of electrical, plumbing, HVAC system components and generators. Trenches have been excavated, and conduit lines have been placed from the groundwater collection system to the electrical vault and other structures. Crews continue with constant road maintenance and grading to ease the traffic flow on FS Road 8301 from Lucerne to Holden Village.

Lime delivered last month has been added to the silos, which will be part of the water treatment process.



*Filling Silos with lime*



for the greatest good

**HOLDEN MINE REMEDIATION PROJECT January and February 2016**



*Installation of HVAC systems*



*Snow removal efforts on the mine water treatment plant*



*Working on electrical room inside treatment plant*



*Snow removal in construction zone*



*Installation of instrumentation and gauges along the portal influent line*