



HOLDEN MINE REMEDIATION PROJECT

2013 Construction Season Begins

Early season work begins at Lucerne with barge ramp construction. Mobilization for work at the mine is expected to start mid-April. Early activities include completing the underground concrete bulkheads and constructing the temporary maintenance shed. Holden Village is still experiencing late winter conditions. Snow is melting slowly.

Holden Mine Cleanup Information Meeting

Rio Tinto Project Manager Dave Cline will lead a presentation with a question-and-answer session about the project. Mr. Cline will review work from 2012 and discuss what's planned for this construction season. An opportunity to meet the project team and look at display boards describing the project and how it affects the Lake Chelan area will be available. Representatives of the U.S. Forest Service and Holden Village will be present.

What: Holden Mine Cleanup Information Meeting

When: Thursday, April 25, 2013, 4-7 p.m.

Where: Campbell's Resort Park Room, 104 W. Woodin Avenue Chelan, Washington

HOLDEN MINE PROJECT JOB INQUIRES:

Robin Jeremiah

HR Manager Magnus Pacific

916-233-1137



Current Construction Activities:

Contractor is upgrading the Lucerne Barge Facility. The activities completed include placement of geotextile, structural fill, ballast, crushed surfacing, catch basin, drain pipe and backfill. Steel guides and concrete panels are being installed. Maintenance of stormwater best management practices and quality assurance testing and quality control inspections are ongoing.

Barge transports occur every 3rd day to supply materials & equipment.



Figure Ramp Crushed Surface

2013 Construction Schedule

Activity Name	Start	Finish	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Lucerne Barge Ramp	03/02/13	05/05/13	█										
Underground Construction Activities	04/01/13	08/22/13		█	█	█	█	█					
Sprung Structure	04/01/13	05/10/13		█									
Potable Water System Relocation	05/11/13	06/29/13			█	█							
Demolition	07/03/13	10/09/13					█	█	█	█			
Railroad Creek	05/01/13	01/14/14				█	█	█	█	█	█	█	█
Barrier Wall Platform	05/01/13	07/18/13			█	█	█						
Copper Creek Rough In	07/01/13	11/11/13					█	█	█	█	█		
Lucerne Upland Facilities	06/03/13	06/21/13				█							
2013 Investigation Activities	05/01/13	07/24/13			█	█	█						
Bypass Road	07/25/13	08/07/13					█						
FS 8301	08/08/13	08/30/13						█					
Quarry Development & Production	05/01/13	11/21/13			█	█	█	█	█	█	█		
Borrow Development & Production	05/01/13	11/24/13			█	█	█	█	█	█	█		