Tasks in 2014:

• Summer Pond Water Treatment
• Flow and Stage Monitoring
• Routine Maintenance
• Revegetation Study
• Approximately 178 tons of sludge were hauled off site for disposal in July 2014.
• Sludge generated during the treatment of 2.7 million gallons of AMD in 2013.
• Assembly of pond water treatment plant
• Discharge of treated AMD to the Pit Clarifier began on September 8, 2014
• Discharge of treated AMD to Leviathan Creek began on September 12, 2014
• 815,000 gallons of AMD treated and discharged
• Influent pH range 1.6 to 3.0 SU
• Influent average TDS 13,550 mg/L
• Field and lab data show USEPA discharge criteria met except total recoverable selenium

• 40.5 tons lime (dry weight)
• 595 gallons diesel
• 50 gallons gasoline
• 90 pounds of flocculent
• 11,900 mg lime / liter AMD

2014 Summer Pond Water Treatment
Sludge generated is contained in the pit clarifier.

Approximately 65 - 85 tons of sludge generated during the 2014 season will be hauled off site for disposal in 2015.
Approximately 98.9 Million Gallons of AMD have been treated since 1999.
Maximum capacity is available for AMD storage entering the 2014/15 winter

Ponds 2 North and 2 South nearly dry due to pond water treatment
Flow and stage monitoring

• 15 locations during the 2014 water year
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2014 Routine Maintenance

Routine Maintenance

• Removed accumulated sediment from storm water conveyance ditches

• Repaired perimeter fence

• Performed minor drainage work above flow control structure

• Coordinated with El Dorado County Department of Agriculture to spray invasive Tall Whitetop and Dyer’s Woad
Questions?