

Douglas Creek Mine Tailings Reclamation

OWNER: STATE OF MONTANA MINE WASTE CLEANUP BUREAU

CONTRACT: \$1,310,000

ENGINEERING: PIONEER TECHNICAL SERVICES; KEITH JOHNSTON, Contact 406-782-5177

SUBCONTRACTORS: NONE

SCOPE OF WORK: Work included, but not limited to,

- Constructed haul road
- Removed mine tailings and hauled tailings to onsite repository
- Re-established 2000 ft. of Douglas Creek channel
- Placed geo-tec mat along new channel and reshaped channel using rip-rap
- Installed single and double vegetated soil lifts along creek channel
- Mixed tailings with lime product to help stabilize waste
- Installed boulder energy dissipaters inside river channel to slow water flow and help prevent erosion of graded areas
- Capped repository with geo-tec and two feet of topsoil
- Planted native plant seed mix on disturbed areas and repository