Site assessment to determine head and flow characteristics of the stream (to estimate power and energy output).
Rerouting water around the intake to allow for intake maintenance with minimal downstream sedimentation.
Intake maintenance to remove years of sedimentation. The debris was used to reinforce the stream banks and the intake settling basin wing walls.
Removal of the damaged, older clay penstock (replaced with high density polyethylene).
Installing compression fittings for penstock splicing.
Working on the turbine distribution manifold and cleanouts.
Setup before turning on the water supply.