



- Clean out existing EPDM-lined sump to create 200 gallon storage sump to capture and treat seepwater. Discharge treated seep water from sump to flume using a small pump as needed.
- Install half pipe to convey Gulch water past flume.
- Discharge treated mine water to the upstream side of flume but downstream of the seep sump.
- See Modification Detail

Existing Mine Entrance
100 gallon Sediment Trap
3" pvc

20,000 gallon lined holding basin to capture mine water
Excavated below existing grade
30'x30'x3'

Pump captured water to treatment/settling tank as needed

8000 to 10,000 gallon above ground treatment/settling tank

Existing Shop Building and Office
20'x50'

24,000 Gallon Surface Runoff Lined Detention Pond
20'x50'x3' - Excavated to below existing grade

Existing Shipping Contain (storage)
To be relocated

3" PVC Discharge from Treatment Tank

3" PVC Discharge from Treatment Tank

Deadman Gulch

Deadman Gulch

Deadman Gulch

0'

Existing Deadman Gulch Bypass (22" HDPE)