

# Benson Creek Irrigation Project Location

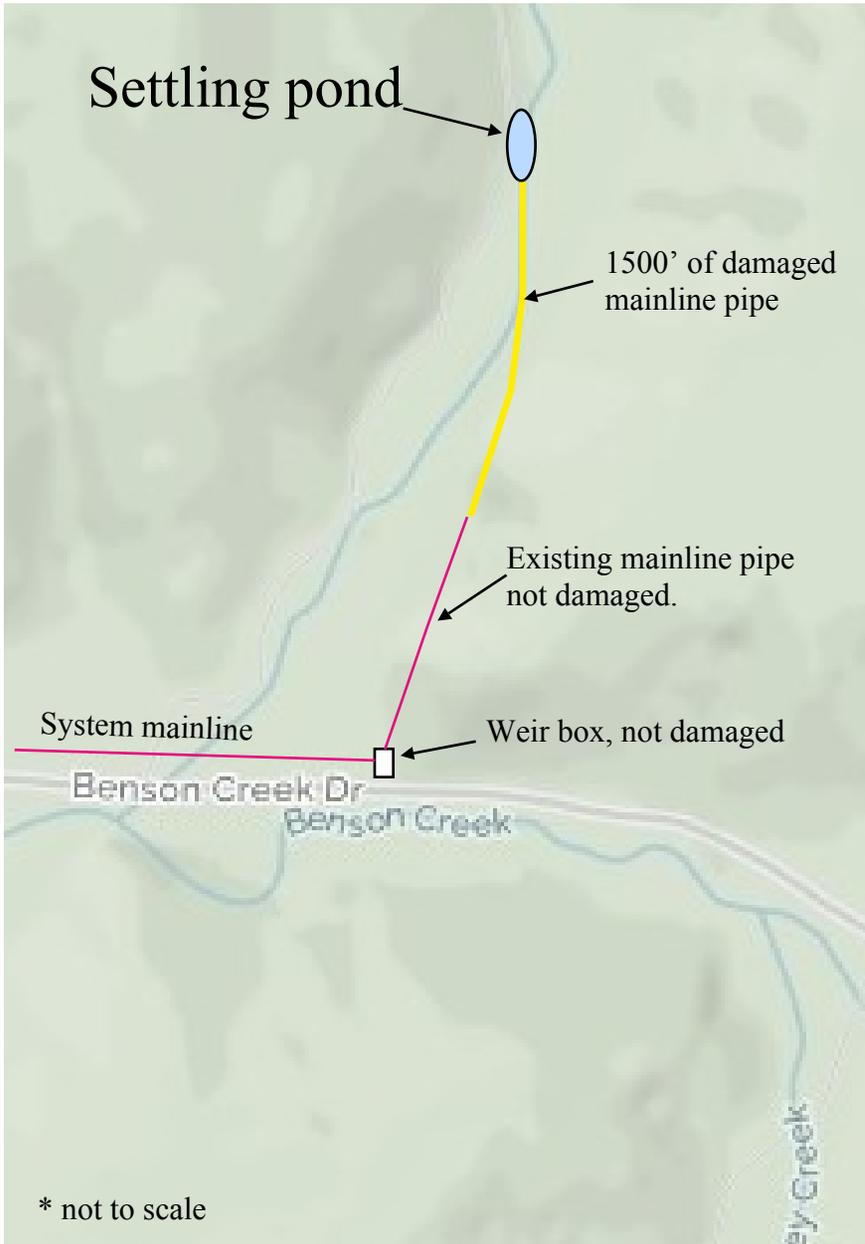


● = Project location

# Benson Creek Irrigation Repairs

## *settling pond and mainline*

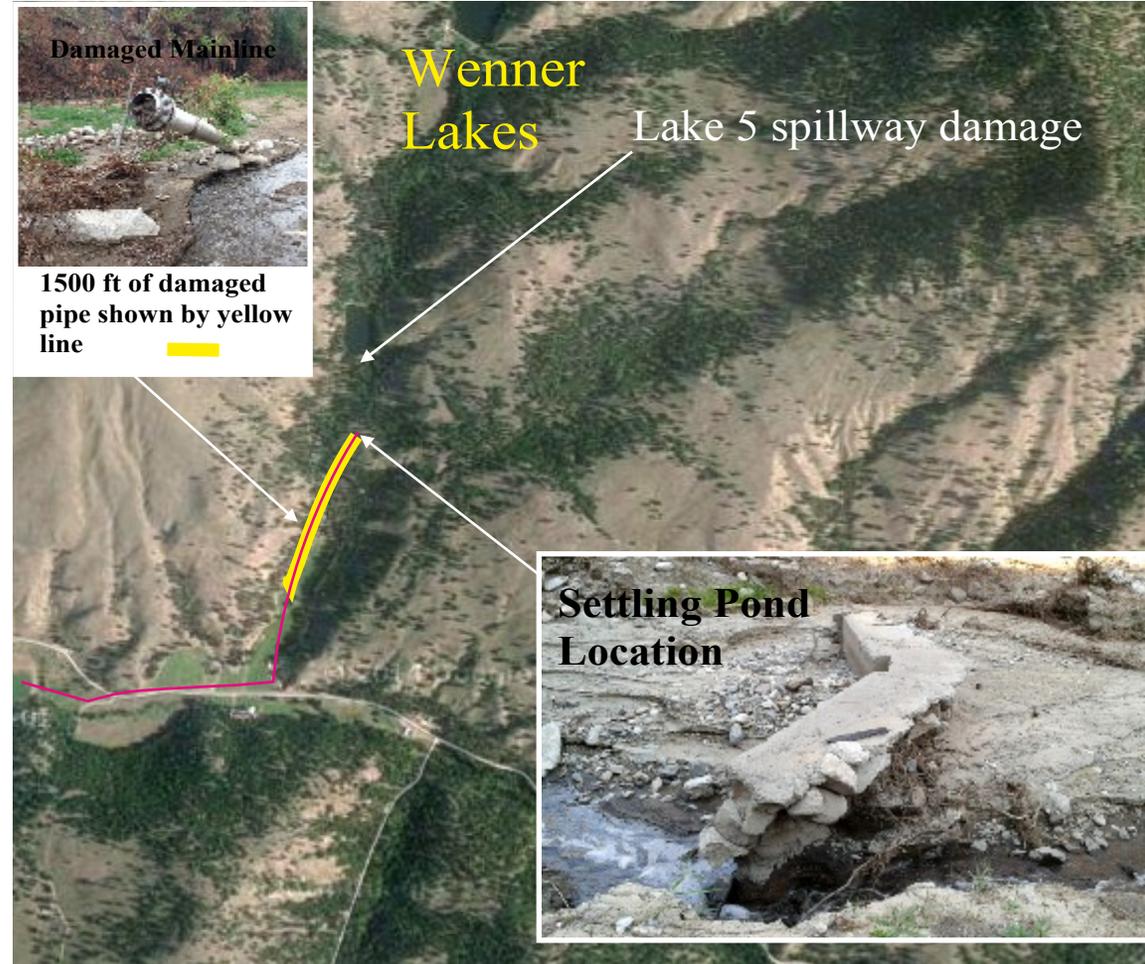
The settling pond serves two purposes. First it is the point that surface water is diverted into our gravity fed mainline and it also allows debris to settle from the water prior to entering the system so that it doesn't plug sprinklers and irrigation equipment. It is 20' wide 30' long and 5' deep. The 1500 ft section of damaged mainline is between the settling pond and weir box.



The approximate volume of material we need to remove to re-establish the settling pond is 50 cubic yards. At the discharge end of the settling pond, the mainline pipe and the creek are about 20" apart. The mainline is buried 36" below the normal creek bed and from that point they slowly separate in different directions. For that short distance we will backfill the pipe with good gravel and bed the creek with smooth live rock.



1500 ft of damaged pipe shown by yellow line



Settling Pond Location