

**ATTACHMENT #4: Photos of spring, channel, measurement of flow and two stockwatering ponds fed by spring.**



Photo #1. Spring located at N39.63385 W120.42716 D.d. NAD83. View west or “upstream of spring”.



Photo #2 . Stockpond #1, view east or “downstream of spring”. Estimated volume = 0.25 acres X 1.5’ depth X 0.7 = 0.26 acre-feet.



**Photo #3. Measurement of water in channel overflowing stockpond #1 using a V-notch weir on August 8, 2009. Measurement was 0.04 c.f.s or approximately 18 g.p.m. Measurement at same location on October 16, 2008 was 0.08 c.f.s or 35.9 g.p.m. Measurement g.p.s location: N39.63461 W120.42585 D.d. NAD83**



Photo #4. Stockpond #2, view North. Estimated water volume of stockpond = 1 acre X 2 feet depth X 0.7 (factor) = 1.4 acre-feet



Photo #5. Stockpond #2, view south-east or "downstream". No water exits this stockpond off the property.