WW1 Water Budget

Into Borehole

3 truckloads x 1800 gallons = 5400
1/4 truckload x 1800 gallons = 450
5850 gallons

Out of Borehole

- volume water in mudpit =
  $6' \times 30' \times 1.2' = 216\ ft^3$
  $216\ ft^3 \times 7.5 \frac{gal}{ft^3} = 1620$ gallons

- volume water pumped into water truck
  = 3 trucks x 1300 gal/truck = 3900 gal

total water = 1620 (mud pit)
3900 (water truck)
5520 gallons