



MANUAL TANK GAUGING RECORD

Tank Number:	Tank Length:	Tank Diameter:	Capacity of Tank ³ :	Month:	Year:
Facility Name:		Address:		City:	

	Day of the Month Starting / Ending	Initial Stick Reading ¹ (1)	Check Initial Stick Reading ¹ (2)	Average Initial Reading [(1) + (2)] / 2 = (3)	Conversion to Gallons ² (4)	Length of Test (Hours) (5)	End Stick Reading ¹ (6)	Check End Stick Reading ¹ (7)	Average End Reading [(6) + (7)] / 2 = (8)	Conversion to Gallons ² (9)	Change in Tank Volume (+) or (-) (4) - (9) = (10)
1st Week	/										
2nd Week	/										
3rd Week	/										
4th Week	/										
Date of this month's water level check:		Amount of water: Stick Reading:			Gallons ² :		Total Change in Gallonage gain (or loss)			(11)	

Average of the four (4) weekly readings (11)/4 =

Tank Capacity	Weekly Standard (one test)	Monthly Standard (4-test average)	Minimum Duration of Test
Up to 550 gallons	10 gallons	5 gallons	36 hours
551 - 1,000 gal (when largest tank is 64"x73")	9 gallons	4 gallons	44 hours
1,000 gal. (if tank is 46"x128")	12 gallons	6 gallons	58 hours
1,001 - 2,000 gal. ³	26 gallons	13 gallons	36 hours

Compare each weekly reading and the average of the four (4) weekly readings with the standards shown in the table on the left. If the calculated change (gain or loss) exceeds the weekly standard, the UST may be leaking. Also monthly averages of the four (4) weekly test results must be compared to the monthly standard in the same way. If the standards have been exceeded, the North Dakota Department of Health - Underground Storage Tank Program **must** be contacted at [701.328.5166](tel:701.328.5166).

¹ Stick measurements must be taken with a gauge stick that is marked to measure liquid to the nearest one-eighth (1/8) of an inch.

² Appropriate calibration chart (supplied by the tank manufacturer) must be used.

³ Manual Tank Gauging can only be used for small tanks. Tanks 1,000 gallons or less can use this method alone, but tanks from 1,001 - 2,000 gallons can only use manual tank gauging when it is combined with tank tightness testing. Manual tank gauging cannot be used for tanks over 2,000 gallons.