



4740 Industry Park Court  
Las Vegas NV. 89115  
P- 702 395-8849  
F- 702 320-9959  
www.rain2day.com

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# Weir Open Top Liquid Storage Tank

## 21,000 Gallon Capacity

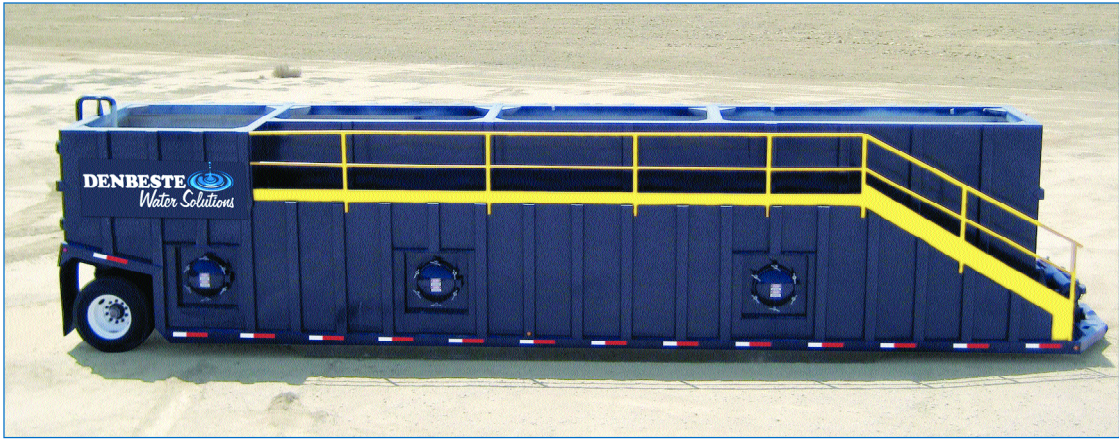
### Features:

- ▷ Smooth Interior Walls, No Internal Bracing
- ▷ All 1/4 Steel Plate Construction
- ▷ Contoured Full Drain Bottoms
- ▷ Integrated Stairways with Larger Walkways and Platforms
- ▷ ABS Braking Systems
- ▷ Multiple Options Available
- ▷ Flowback Capability

### Specification

Length:	46' (552 inches)
Width:	8' 6" (102 inches)
Height:	11' 1" (133 inches)
Weirs:	2 – 96" x 96" A36 Plate w/ 2"x4" Tube Steel Supports
Capacity:	500.9 bbl (21,037 Gals)
Side Wall:	1/4" A36 Steel Plate
Floor:	1/4" A36 Steel Plate
Exterior Supports:	6" x 3" x 3/16" Formed Channel Sides and Roof
Main Rails:	12" x 3" - 20.7 # Structural Channel
Manways:	3 – 20" Manways, Located (1) Front & (2) Curb-Side of Tank, Equipped with Buna-N Gaskets
Drain Valves:	4" Butterfly Valves Front and Rear
Fill Lines:	4" Weld Neck Flanges & 6" Weld Neck Flanges Front & Rear
Diffuser	2 – 4" x 30"
Suspension:	Spring – 22.5 K Capacity
Axle:	5" rd, 77.5" track, 22.5K Capacity
Wheels & Tires:	8.25 x 22.5 Steel Wheels with 11R22.5 – 14 ply tires
Lights:	D.O.T. Approved Lights
Blast:	Interior – SSPC-SP10
Exterior:	SSPC- SP6
Interior Paint:	100% Solids Epoxy – Gray (25 to 30 mils) Carboline Phenoline # 309

- ▷ Maximum specific gravity of fluid to be stored in tank is S.G. 1.92 or 16 pounds per gallon
- ▷ Maximum fluid temperature to be stored in tank is to no greater than 170 degrees F. Minimum fluid temperature is to be no less – 40 degrees F.
- ▷ Steel tanks are not rated for either pressure or vacuum. All tanks must be vented.
- ▷ Minimum PH value to be stored in tank (coated tanks) is 3. Maximum PH value to be stored in tank is 12.



Side View of 21,000 Gallon Weir Open Top Liquid Storage Tank