

Capacity* of Rectangular Sand/Salt Storage Facility (Cubic Yards)

Width x Length (ft)	Wall Fill Height (ft)			
	9	8	7	6
40 x 80	1400	1300	1200	1100
40 x 100	1800	1700	1600	1500
50 x 80	1900	1800	1700	1600
50 x 100	2500	2400	2200	2100
50 x 120	3100	3000	2800	2600
50 x 140	3700	3500	3300	3100
60 x 80	2400	2300	2200	2100
60 x 100	3200	3100	2900	2700
60 x 150	5300	5000	4700	4500
70 x 100	4000	3900	3600	3500
70 x 120	5000	4800	4600	4400
70 x 140	6100	5800	5500	5200
70 x 150	6600	6300	6000	5700
80 x 120	6100	5800	5600	5300
80 x 140	7400	7100	6700	6400
80 x 150	8000	7700	7300	7000

* Assumptions

1. Concrete walls are filled to noted height on end wall and both side walls and then sloped upward at material's angle of repose to maximum height.
2. Toe of pile extends to front wall/door.
3. No material is piled higher than top of concrete walls.