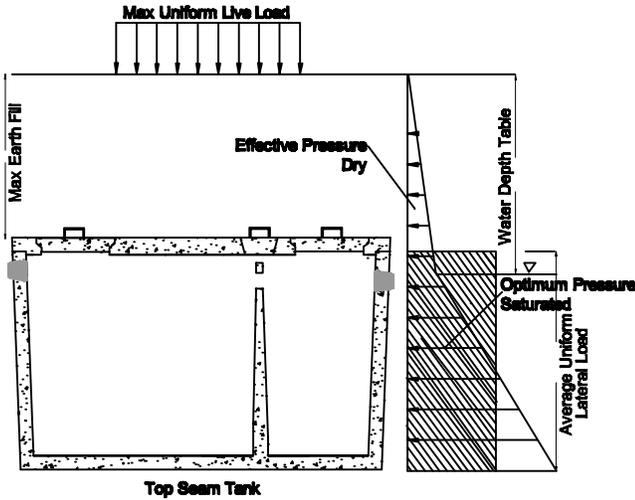


Compliance Testing for Colorado State Wastewater Regulation 43

Structural Tank Design must be created, sanctioned and stamped by a professional engineer in compliance with ASTM-C1227-12 Structural and Design Characteristics.

Concrete Strength 6000 psi
 Vacuum Test Load 10 in Hg
 Allowable Uniform Load 480 psf



UNIFORM LIVE LOAD TABLE					
Earth Fill (ft)	1.00	1.50	2.00	3.00	4.00
Dead Load (psf)	120.00	180.00	240.00	360.00	480.00
Max. Live Load (psf)	360.00	300.00	240.00	120.00	NA

MAXIMUM FILL DEPTH TABLE					
Water Table Depth (ft)	0.00	1.00	2.00	3.00	Dry
Max. Fill Depth (ft)	2.00	3.00	3.00	4.00	4.00



Vacuum Testing Equipment is used to verify and prove strength of tank against atmospheric pressure.



10 - 15" Hg proves strength at bury depth



4" of Hg held over 5 minutes proves water tightness

ALL REPORTS ARE SENT TO THE COLORADO DEPARTMENT OF PUBLIC HEALTH & ENVIRONMENT FOR ANNUAL RECERTIFICATION