

Notes

Though highly conservative, an analysis with the user's confidence with respect to including the benefits, however, can be used with some degree of accuracy by the user. The benefits are defined by the volume of mass being generated. The user can determine a total area of the surface from a plan view of the site. The use of an estimated or measured discharge in a range of methods probably is more valid than input to a program using general values as constants.

In the example, below is a summary of the procedure of the loading system that is used in determining about a 1000 cubic feet of water. This is the same method as that of the water table system. It is a 1000 cubic feet of water. The user can determine the total area of the surface from a plan view of the site.

Table

General Procedure Method

General Procedure Method		Volume (cu ft)	Weight (lb)	Area (sq ft)	Depth (ft)	Notes
1	Volume of water	1000	62.4	1000	10	Volume of water is 1000 cubic feet. Weight is 62.4 lb/cu ft. Area is 1000 sq ft. Depth is 10 ft.
2	Volume of water (1000 cu ft) x Density (62.4 lb/cu ft) = Weight (62,400 lb)	62,400	62,400	1000	10	Weight of water is 62,400 lb. Density is 62.4 lb/cu ft. Volume is 1000 cu ft. Area is 1000 sq ft. Depth is 10 ft.
3	Volume of water (1000 cu ft) x Density (62.4 lb/cu ft) = Weight (62,400 lb)	62,400	62,400	1000	10	Weight of water is 62,400 lb. Density is 62.4 lb/cu ft. Volume is 1000 cu ft. Area is 1000 sq ft. Depth is 10 ft.
4	Volume of water (1000 cu ft) x Density (62.4 lb/cu ft) = Weight (62,400 lb)	62,400	62,400	1000	10	Weight of water is 62,400 lb. Density is 62.4 lb/cu ft. Volume is 1000 cu ft. Area is 1000 sq ft. Depth is 10 ft.
5	Volume of water (1000 cu ft) x Density (62.4 lb/cu ft) = Weight (62,400 lb)	62,400	62,400	1000	10	Weight of water is 62,400 lb. Density is 62.4 lb/cu ft. Volume is 1000 cu ft. Area is 1000 sq ft. Depth is 10 ft.