

## **How to Prepare a Site for a Burford Concrete Tank that sits UNDER ground.**

It is preferable to site an underground Concrete Water Tank where vehicles cannot drive over them as the **roof is suitable for soil cover only.**

Ensure that you follow the recommended best practice for site preparation:

1. Dig a hole to the dimensions depending on the size of your tank -
  - 5500gl/24,750lt water tank site to be 4.5M square, overall height 2.9M
  - 5000gl/22,500lt water tank site to be 4.5M square, overall height 2.6M
  - 3000gl/13,500lt water tank site to be 3.5M square, overall height 2.410M
2. Use a spirit level and a straight edge to check that the site is level in all directions.
3. Cover the site with 100mm of loose material that can be shifted with a rake, (e.g. sand, concrete gravel, topsoil, etc) for the tank to bed onto.
4. When placing a Concrete Water Tank underground, please note that if the tank is empty **it could float!**

To prevent this from happening:

- Tie reinforcing through the lifting loops in the top of the tank and drape the ends of the reinforcing into the concrete.
  - AND, place 6.6 cubic metres of concrete around the outside of the tank.
  - OR, keep at least 3/4 of water capacity in the septic tank.
5. The back fill that goes around and on the tank must not have any rocks or large stones in it.

When backfilling around tank do **not DUMP fill on top of water tank.**

Instead place **fill at side of tank** and **push the fill out over the top of the tank.**

**DO NOT TRACKROLL THE FILL OVER THE TOP OF THE TANK; ALLOW IT TO SETTLE NATURALLY.**