

# **INSTALLATION & CLEANING GUIDELINES**

## **ABOVE GROUND TANKS**

**September 2017**

The information provided herein is informative only and it applies to the above-ground installation of plastic fabricated Trade Waste Pre-Treatment Tanks. As rules and regulations differ from region to region, prior to proceeding we recommend the installer verify the procedures mentioned in this document satisfy the requirements of Water Corporation and any other local Authorities.

**Trade Waste Authorities state that above-ground tanks must be installed on a level concrete pad.**

**Any portion of a tank installed below ground should be surrounded with a minimum of 100mm thick concrete – walls and base.**

### **Siting Considerations**

1. The tank should be located as close as practical to the source of contaminated water.
2. Ensure ease of accessibility for maintenance.
3. A water tap for the purpose of wash-down should be located nearby and must be fitted with backflow prevention device.
4. Grease Traps should not be installed in direct sunlight. (this is to avoid the tank from being heated from solar radiation)

### **Site Preparation**

5. Verify that inlet, outlet and vent pipe levels match the level of the pipe spigots on the tank.
6. If not already in place pour or install a level concrete pad for the tank to sit on. The concrete should be a minimum of 32mpa. Tanks in excess of 2000lt should have a pad at least 100mm thick.
7. The concrete slab or pad must support the entire length and width of the tank.
8. Do not remove the steel support frame (if fitted) from the tank.
9. If the tank is installed in an area exposed to vehicle traffic, bollards should be positioned to protect the tank.

### **Connections**

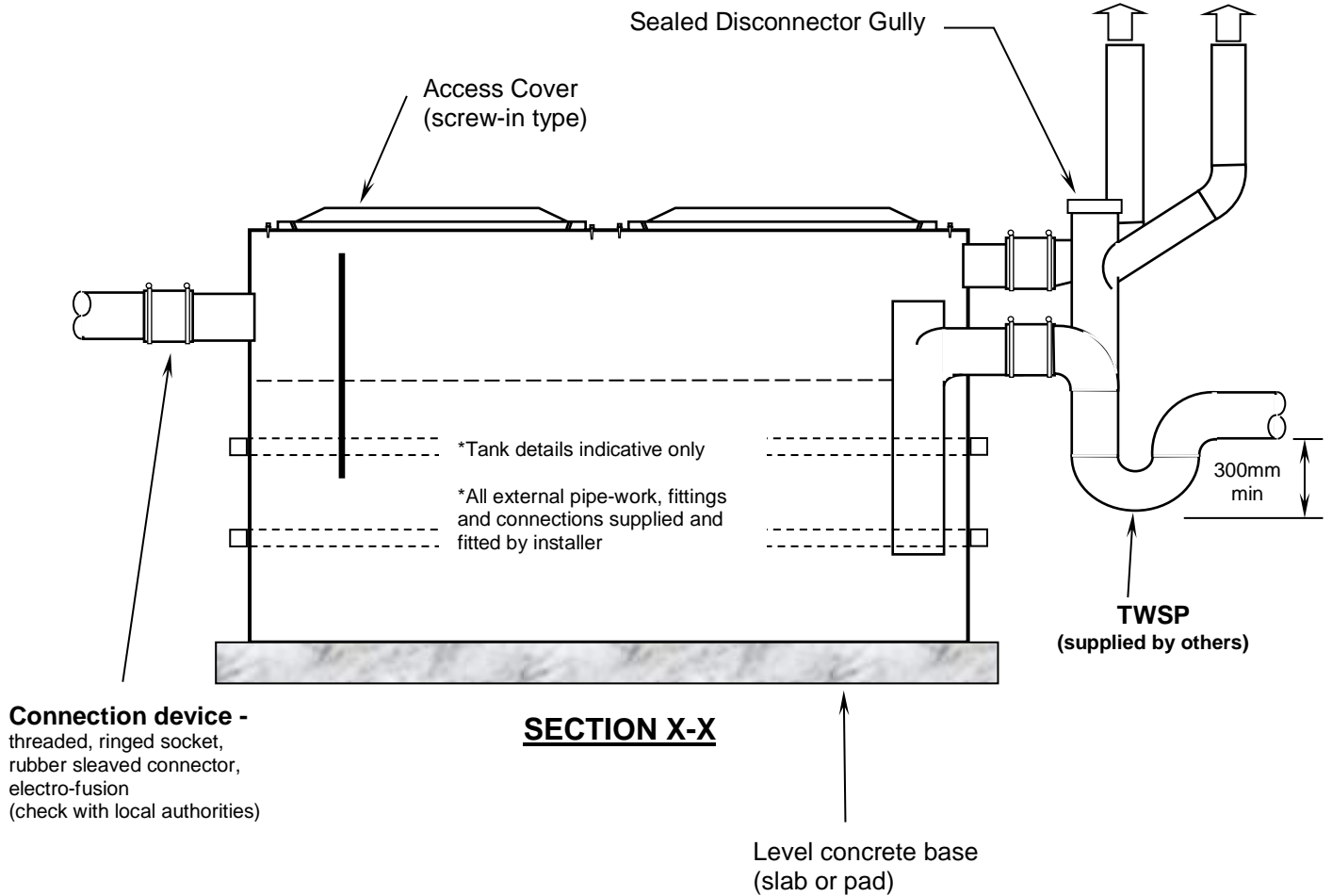
10. Connections to be in accordance with Trade Waste guidelines and comply with AS/NZ3500.2. Installation must comply with Water Corporation specifications.
11. The Trade Waste department of the local water authority must approve all grease trap and trade waste interceptor installations prior to work commencing. Interceptors installed without approval may not be accepted for use.

### **Grease Trap Cleaning**

12. Clean outs to be performed in accordance with the trade waste agreement with your local water authority.
13. The contractor is to un-screw the screw-in access cover (if fitted).
14. Contents to be pumped out via the suction hose attached to the pump truck.
15. With the suction hose still inside the tank chamber the entire internal surface is to be hosed down to remove residual grease build up.
16. Tank walls may be scrapped down to remove any solid accumulation.
17. Lid seals should be wiped clean, the seal checked for integrity and the screw-in access covers replaced.

# Typical Above Ground Tank installation

Must vent to atmosphere at high level in accordance with Plumbing licensing guidelines and AS/NZS 3500.2, and must not be combined.  
(check with local regulations)



**NOTE:** Baffle and internal pipe configurations vary according to tank type capacity and/or customer requirements. The above drawing is indicative only. The installer must comply with local regulations when connecting a trade waste tank.

Installation and approval conditions may vary from region to region. This information is provided as a guide only for a typical above-ground tank installation. Viking Plastics reserves the right to alter or change information at any time and without notice.