



# Installation Manual

## **INSTALLATION MANUAL**

- NOTE The tank is not suitable for high water table application
- Overall Height 2,765 mm
- Hole Size 3,000mm square by 2,300mm high
- Bedding Material crusher dust
- Height to 100mm inlet 1,840mm  
(measured from tank bottom to bottom inlet pipe)
- **To fill tank place 7,000L in the centre chamber this will evenly fill the remaining chambers**
- Backfill – Use sand or excavated material/spoil with maximum particle size of 50mm. Ensure that sand or excavated material does not fall on the lid of the Tank, as this will fall into the system through the manholes and clog the system and irrigation pump. Ensure that the backfill material is kept at least 70mm below the surface of the tank lid.
- Backfill around tank shall be placed in compacted layers no greater than 200mm evenly around the tank during installation.
- Organise electrical and drainage contractor to connect to the ABS System
- The electrical contractor must follow the electrical specification supplied with the ABS alarm panel at the time of delivery.
- The drainage connection is a standard 100 mm sewer inlet.
- Commission – The Poly A.B.S is ready to commissioning once the electrical power is provided to the system.

### **IMPORTANT:**

**THE SYSTEM CANNOT BE COMMISSIONED UNLESS POWER IS AVAILABLE AT THE UNIT.**

## Commissioning Checklist

Please ensure the following is completed prior to commissioning.

1. Irrigation area is completed
  2. Irrigation line is available at tank
  3. Electrical power is connected
  4. Drains connected
- The Poly A.B.S will then be switched on (commissioned) by an accredited technician employed/or agent of Taylex Industries Pty Ltd
  - Ensure that the excavated ground or base material is capable of carrying loads of approximately 7 ton
  - Site preparation drawings show excavation walls to perpendicular. However, depending on the soil conditions, the excavator may need to angle or retain the side walls such that they don't cave in during installation.
  - Except for person/s responsible for lifting and positioning of the tank in the excavated site, there must not be any person within 20m of the installation site during the lifting and positioning of the tank.
  - Tank must be level in both inflow/outflow direction and 90° to the inflow/outflow direction (<1° deviation)

Note: Do not act solely on the basis of the material contained above. Items herein are general comments only and do not convey advice per se. We therefore recommend that our formal advice be sought before acting in any of these areas.

## Disposal Area

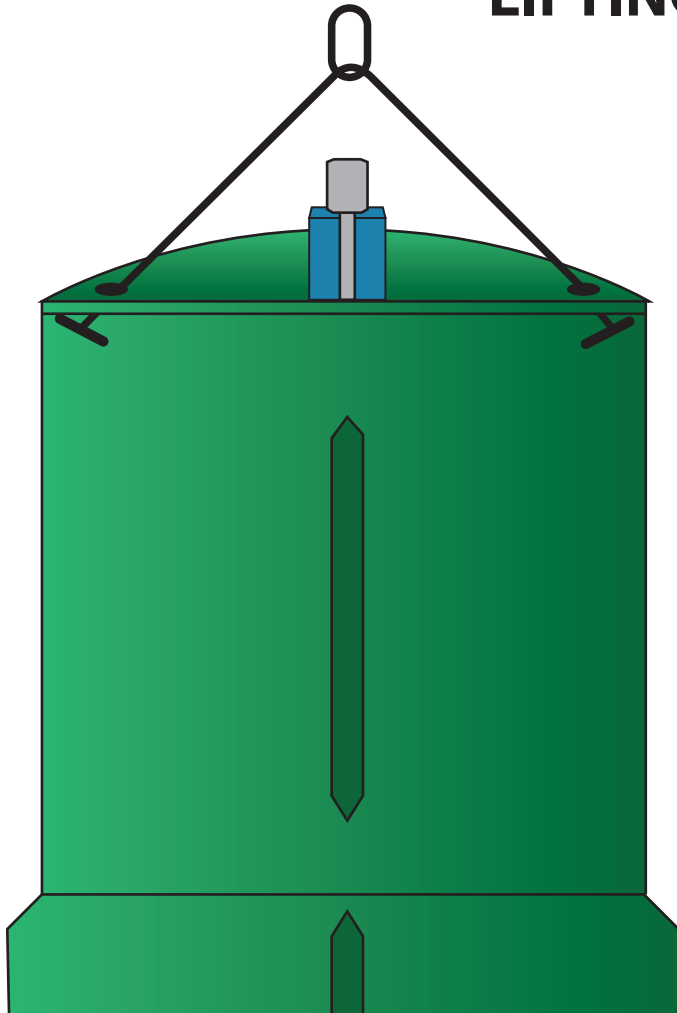
To be installed as per approved design and instruction undertaken by an accredited Site and Soil Evaluator. The following guidelines exist to assist practitioners.

---



# Lifting Procedures

# LIFTING PROCEDURES



**NOTE: DRY WEIGHT OF TANK 470KG  
ALLOW 600KG AS TANKS ARE WATER TESTED  
PRIOR TO DISPATCH**

- 1 Remove access ports
- 2 Place steel lifting bar through access ports
- 3 Take up tension on chains or sling
- 4 Check lifting bar for correct placement
- 5 Place tank in hole
- 6 Release tension and remove bar
- 7 Replace access ports



TAYLEX INDUSTRIES 56 PRAIRIE RD ORMEAU 4221

Lifting Procedures  
Taylex Poly ABS

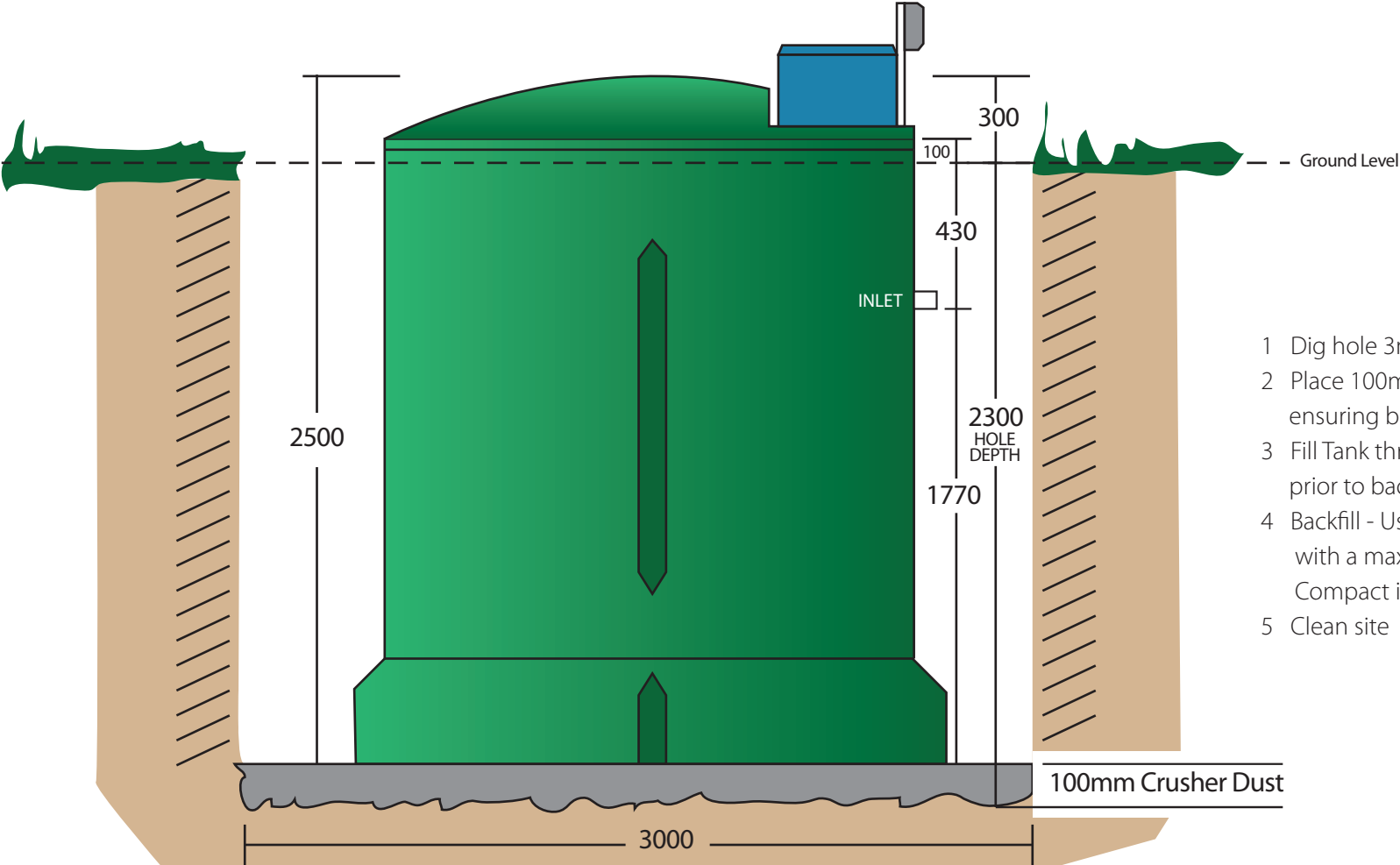
DATE MAY 2012

DRAWN BY  
DARYL WILLISHER



# Excavation Details

# EXCAVATION DETAILS



- 1 Dig hole 3m Square and 2.3m Deep
- 2 Place 100mm of Crusher Dust in base ensuring base is level
- 3 Fill Tank through inlet with 7000Lt of water prior to backfilling
- 4 Backfill - Use Sand or Excavated Material/Soil with a maximum particle size of 50mm. Compact in layers no greater than 200mm.
- 5 Clean site

100mm Crusher Dust



**Taylex**  
Tanks

TAYLEX INDUSTRIES 56 PRAIRIE RD ORMEAU 4221

Excavation Details  
Taylex Poly ABS

DATE MAY 2012

DRAWN BY  
DARYL WILLISHER