

# PRODUCTS

## Secondary AWTS system

### How it works

1. All wastewater from the dwelling proceeds into system which treats the wastewater throughout five processes - primary, aeration, clarification, disinfection and irrigation
2. **Primary:** Wastewater flows into the primary treatment area that allows the removal of solids and fats
3. **Aeration:** Settled wastewater flows into an aerobic zone that is pumped with air using an aerator
4. **Clarification:** Aerated water undergoes a final clarification and wastewater pumped back to the primary tank
5. **Disinfection:** Where specified by local authorities, clarified water is disinfected through chlorine tablets
6. **Irrigation:** The treated wastewater is pumped to the approved dispersal area via sub-soil drip irrigation lines or absorptions drains

### Benefits

- ✓ Smaller footprint – better suited for small properties
- ✓ Sized to suit up to 1200lts per day
- ✓ Treats wastewater to the required 20/30 standard

### Limitations

- \* Constant power is to be supplied to the system – requires power 24/7
- \* Not suitable to properties which experience power surges and loss of power
- \* The drip irrigation field cannot be built or driven over and must be protected from livestock
- \* There are also certain setbacks which are required to be maintained

