

Rain Water Harvesting System Maintenance

Careful design considerations of the Tri-cel Rainwater Harvesting Systems ensure that minimal maintenance is required. However, routine inspection and maintenance should be carried out to protect the water quality stored within the holding tank and to guarantee continued benefits from the rainwater harvesting system. Tri-cel recommends the following maintenance procedures are carried out on a 6-month and annual basis.

6 Months

- Inspect Filter and clean if necessary.
- Monitor overflow siphon and if necessary remove any debris.

Annually

- Check mains water back up supply to ensure that it is working correctly and that air gaps are maintained.
- Visually inspect holding tank for excessive build up of silt. If large amounts of silt have accumulated, excessive silt should be removed. However, refrain from removing all of the silt completely as it is thought that a thin layer of silt at the base of the holding tank is beneficial as it provides biological treatment of the water .
- Clean gutter to remove any debris that may block the filter.
- If applicable check the level gauge to ensure it is recording an accurate reading.
- Inspect the pump for leaks.
- Inspect the control unit for the pump.
- Inspect pipe labels to ensure they are still visible.

Rainwater Harvesting System		Maintenance Checklist						
Item	Date	Date	Date	Date	Date	Date	Date	Date
Gutter								
Filter								
Tank								
Pump								
Control Unit								
O. F Siphon								
Level Gauge								
Mains Back Up								
Pipe work Labels								

Tri-cel suggests keeping a maintenance log for your rainwater harvesting tank as a reminder to carry out the maintenance.

Where entering the tank is necessary for repair purposes or removal of solids, it must be carried out by trained personnel.

Maintenance interval may vary depending on the tree coverage of the catchment area. In Autumn the filter may need to be monitored more frequently.