

STATE OF OREGON

DEPARTMENT OF ENVIRONMENTAL QUALITY

Singulair Green® Bio-Kinetic® Wastewater Treatment System A Guide for Inspecting the Singulair Green Installation

Tank Installation

- Verify that the local health department has issued an installation permit.
- Verify location of the 1000 gallon septic tank Singulair Green tank and effluent dosing tank per the site plan drawing.
- Review the tank dimensions per the scale drawing of the appropriate model of Singulair Green system.
- Calculate excavation length, width and depth with consideration of inlet and outlet inverts of the Singulair Green tank.
- The excavation should be 3' longer than the length required for the Singulair Green tank alone.
- Once excavation has reached desired size, install a four inch thick pad of gravel, sand or fine crushed stone.
- After tank installation, backfill the Singulair Green system using any fine, granular jobsite material. Do not use large clumps of earth, rocks or debris to backfill and do not allow dirt or debris to enter the Singulair Green tank.
- Add hold down water to the Singulair Green tank during backfilling.
- Before backfilling is completed, install the influent and effluent sewer lines.
- Make sure only domestic wastewater sources are connected to the influent sewer line.
- 115-volt AC single-phase, 60-Hertz power must be available for each Singulair control center. A telephone line is necessary to allow the Service Pro remote monitoring service to function properly.
- Verify that finished grade and landscaping conforms to the site plan drawing.

Electrical Wiring and Control Center Installation

- Confirm who is responsible for providing wiring supplies and Singulair control center.
- Review *Singulair Electrical Wiring and Control Center Installation Instructions* carefully.
- Install wiring and control center per Singulair system instructions.

Before Leaving the Jobsite, Check to Be Sure:

- Sewer lines, mounting castings and risers are grouted or sealed in place.
- No mud or debris has entered the Singulair Green tank.
- All access covers are in place.
- All Bio-Static Sludge Returns have been installed.

- The Singulair tank is completely backfilled and filled with clean hold down water.
- All electrical controls, circuits and wiring for the Singulair Green system are de-energized.
- A Singulair Green Owner's Manual has been provided.
- Review the Owner's Manual with the owner for future reference should there be questions about the system.
- A red warning tag and distributor identification label are attached to the Singulair control center.
- The owner is aware that he must contact your office two weeks before the facility is to be occupied so that the Singulair aerator and Bio-Kinetic system can be scheduled for installation.

Aerator and Bio-Kinetic System

- The Singulair aerator and Bio-Kinetic system unit should only be installed by a factory-trained technician. Do not attempt installation of these items without the assistance of a trained Singulair technician.

Final Instructions to the Singulair Green System Inspector

- The Singulair control center should be checked. If the red warning light is glowing and the audible alarm sounding, depress the reset button on the control center cover. The light should go off and the audible alarm should be silenced. If the alarms activate again, call the local distributor for service.
- Check the fresh air openings in each vented cover monthly to make sure the passage of air into the Singulair Green tank has not been restricted.
- Inspect the effluent discharge point to make sure there are no restrictions to the effluent flow.