

Steuben Lakes Regional Waste District
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Angola, IN 46703
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New Connection Instructions for Residential Cluster System

1. After acquiring the construction permits, the contractor will need to purchase all the required equipment. Attached you will find a list of two suppliers for the Liberty systems. You will need to order the appropriate package number and any additional equipment listed at the bottom of the first sheet. You will also be responsible to purchase the appropriate sized concrete solids tank.

2. If not decided at time of permit, you will be responsible to meet with an agent of the District to discuss tank placement sites for the new connection. The tanks will need to be placed fifty feet (50') from any well. The tanks will also need to be five feet (5') from any structure to include sidewalks, driveways, sheds, garages, houses, etc... Landscaping and elevations will need to be taken into consideration also. The plumbing from the home will first go into the solids tank and then gravity flow to the grinder tank.

3. Once the equipment has been received, you will be responsible to place a concrete ballast on the bottom of the fiberglass (grinder) tank. The ballast will need to have 2 cubic feet per foot of tank height. For example: An 8' tank will require 16 cubic feet of concrete (2/3 of a cubic yard).

4. As the contractor, you will be responsible to install the tanks within a quarter inch of plumb. The grinder tank will need to be at a proper grade (2" above finished grade and flood plain). You will also need to install all gravity plumbing, pressure plumbing, electrical conduit and wire, and mount the control panel. Please note all requirements listed on the letter of non-objection issued at time of permit. If you have any questions concerning the specific parts needed, there is a packet of information, "Connection Requirements", attached. All portions of installation do require an inspection. You must give the inspector a 24-48 hour notice prior to needing an inspection.

5. For the electrical connection, you will be responsible to run the following wires between the junction box found inside the grinder tank to the bottom of the control panel. The District maintenance staff will connect the wires in both places. Again, a 24-48 notice is required. You will need to leave a minimum of six-inches above the junction box lid of excess wire and a minimum of one foot excess wire in the control box.

#12 black	#12 red	#12 green	#12 white
#14 yellow	#14 blue	#14 white with blue tracer	
#14 brown	#14 purple	#14 orange	

6. In most cases, you will be able to tap the main without the assistance of the District. Please contact the District concerning the tapping requirements for your area.

7. Once all of the inspections, connections, and start-ups have been completed and passed, a final inspection of the home is required. Please contact the District staff to schedule the final. Once the final has been inspected, the homeowner will begin to be billed accordingly.