

Steuben Lakes Regional Waste District  
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## New Connection Instructions for Residential Pressured Sewer

1. After acquiring the construction permits, the contractor will need to purchase all the required equipment. Attached you will find a list of 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.

2. If not decided at time of permit, you will be responsible to meet with an agent of the District to discuss tank placement site for the new connection. The tank will need to be placed fifty feet (50') from any well. The tank 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.

3. Once the equipment has been received, you will be responsible to place a concrete ballast on the bottom of the 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 tank within a quarter inch of plumb and at the proper grade (2" above finished grade and flood plain), 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 and connect the wires in both locations. There needs to be a minimum of 10" of excess wire in both the control panel and in the junction box. For further wiring schematics, please contact the District staff.

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

6. For the tapping of the main, the SLRWD will fuse the pipe to the main sewer line with prior scheduling, (**at least 48 hours**). The contractor will need to have a minimum of five foot of main exposed for the fusion to take place. The hole must be properly shored to meet OSHA standards. To have the line fused, the contractor must have pump & floats installed and operational, control panel & junction box wired correctly, power connected and turned on to the control panel, and enough water in the tank to test the connection for leaks. Prior to putting water in the tank, it must inspected for debris and proper installation and for operational purposes. Fusions will not be done on Mondays or Fridays. The District may reschedule fusions if emergencies arise. You do have the option to hire out for fusions or do the fusions yourself if capable, but a District representative must be present at time of fusion.

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.