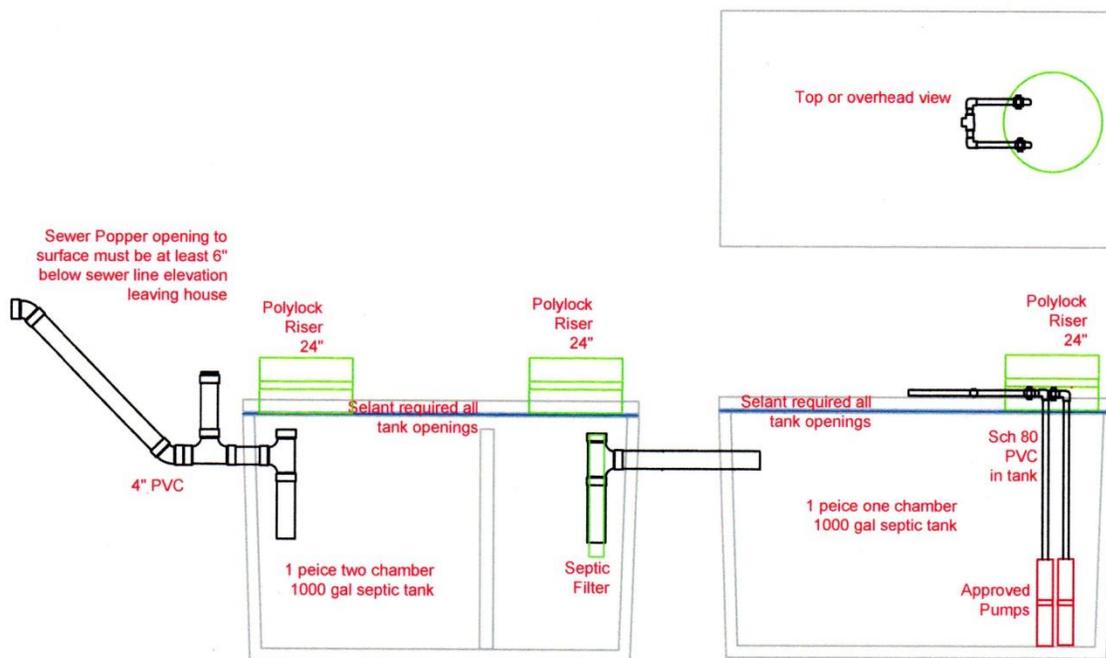


Septic Installer Instructions:

It is important to understand that these specs must be followed in order to be connected to the Aqua Green Utility Inc. wastewater system. If items are substituted that are not approved, the homeowner will be made to change them out at their own cost or not allowed to be connected to the system. You must use an approved septic and pump tank. Please note that **2 piece tanks will not be accepted.**

The kit you have received includes most items needed. Items not furnished are standard 4" PVC-DWV fittings and schedule 40 pipe. Additionally you will need 1 1/4 inch pressure PVC pipe and 3/4 inch electrical PVC conduit. It is not mandatory you purchase the kit but you must use the required items, we only offer the kit as a convenience.

First let's start with setting the tanks, this is the same as any other septic pump system with one exception. There is a clean out to be located in the 4 in PVC pipe just before the septic tank. This is where the septic popper clean out is to be located at finished grade. **This clean out popper must be at least 6 inches below the elevation of the out fall line from the house.** This is very important for the homeowner such as if a check valve at the street malfunctions, their home will not have sewage backing up under pressure into it. Also if the septic tank tee or filter clogs, sewage will not back up into the homeowners house. We think this is a very important feature that must be included. The outfall line from the house to the septic tank must be 4" PVC and have a 1/8 inch per foot fall.

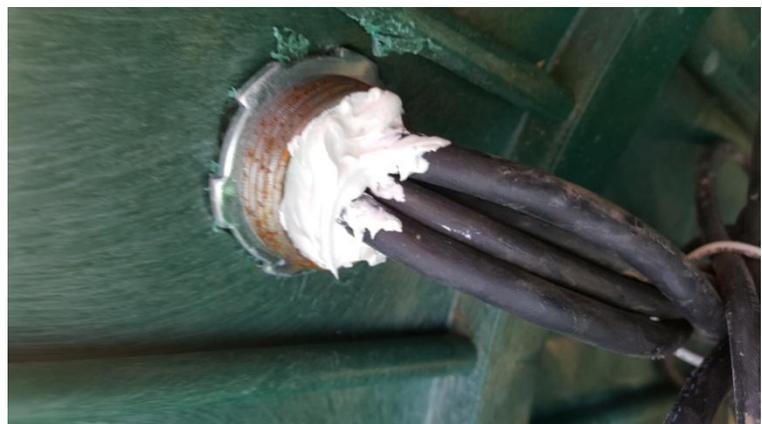


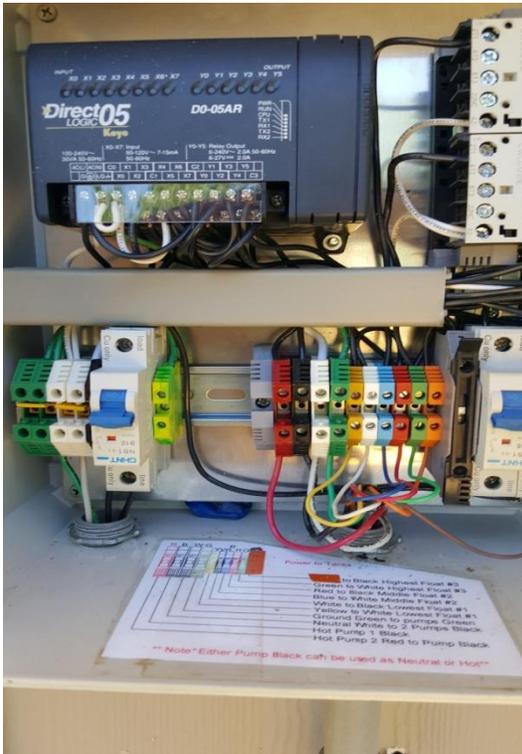
The septic tank must have 24 inch Poly-Loc risers to grade and accessible without digging. These risers will have safety screens screwed inside each riser and the lids screwed down with square head screws. The septic tank must be a two chamber style and have a riser over each tee. If multiple tanks are used, the first tank can be a single chamber style. The pump tank should be a single chamber style and have one riser to grade. The top riser on the pump tank must have the electrical connection box so it can be accessed without digging. The electrical box is connected with a 1 1/4 close nipple with two connection nuts. The hole to connect the electrical connection should be set so the box will be at grade for access.



All wiring connection at the tanks will be made inside of this sealed box. Once the wiring connections have been made, a sealant is used to prevent sewer gas from entering the electrical connections. Water proof type wire nuts are used to connect the 3 floats and 2 pumps.

Wiring instructions are located inside the control box. Color code instructions are provided, remember that the lowest float is considered number 1.





Install a 1 1/4 inch PVC Sch 40 or 80 male adaptor in each pump, then glue 1 1/4 pipe from male adapter up to the level of the holes in the riser, add a 90 degree fitting, a short piece of pipe, a union and go thru the holes of the riser. Then both pipes should extend outside the riser and along the tank lid and be connected with 2 90 degree fittings to a tee. Then connect your 1 1/4 Pressure PVC to the tee connecting the two pumps and run it to the check valve at the street connection. This line must be deep enough so as not to freeze. The pipe that runs from the pumps to the street should have a tracer wire running with it that can be connected to a locator in order to find the buried pipe in the future if needed.

Three floats control the pumps and are located on a weighted float tree. The float tree sits in the bottom of the tank and floats are numbered, with 1 being the bottom or deepest float.

The alarm panel must be located outside the home so it can be accessed for service as needed. Run a 3/4 inch PVC electrical conduit from the grey connection box to the

Pump connections start by drilling holes for the 1 1/4 pipe flush with the top of the pump tank. Remember the pipes from the pump should lay on top of the tank to protect from any settling pulling at the pumps. These holes should be drilled along the top of the tank with enough space between them to be able to plumb the two pumps inside the tank.



alarm located on the house. A 12-3 piece of direct burial wire and a 7 lead direct burial irrigation wire is buried from the connection box to the control box. At any point these wires are not buried they must be installed in conduit and properly mounted.

I hope these instructions are clear for you to follow, but if not call, me on my personal cell number if needed and I will be glad to try and help you through the process.

Dart Kendall
404-557-3170



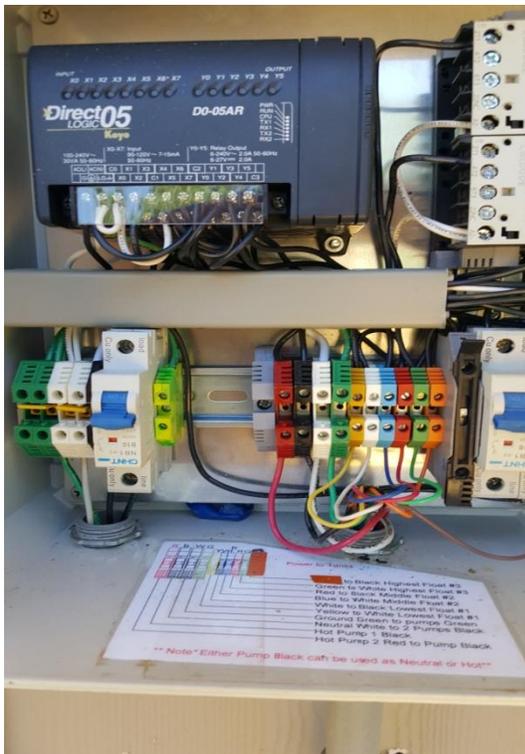
Electrician Installation Instructions:

It is important to understand that these specs must be followed in order to be connected to the Aqua Green Utility Inc. wastewater system. If items are substituted that are not approved the homeowner will be made to change them out at their own cost or not allowed or be connected to the system.

The alarm panel must be located outside the home so it can be accessed for service as needed. Run a ¾ inch PVC electrical conduit from the grey connection box to the alarm located on the house. 12-3 direct burial wire and a 7 lead direct burial wire is needed to connect the pumps and signal floats to the control panel.

Two 110 volt circuits are needed at the alarm panel, one dedicated for the pump and a separate circuit for the alarm in case the pump trips a breaker, the alarm will work. When connecting to the panel, the black or hot for the pump circuit should be connected to the bottom of the breaker. The

black or hot for the alarm should be connected to the fuse on the din rail. The white connectors is where the white or neutrals are to be connected. The large green connector on the left bottom of the panel is where the copper or ground wires are to connect.



As for the 12-3 wire from the pump tank, connect the black to the large black connector in the lower middle or right side of the control panel. Connect the red to the large red connector in the lower middle or right side of the control panel. Connect the white to the large white connector in the lower middle or right side of the control panel. Connect the copper or green to the large green connector in the lower middle or right side of the control panel.

In the grey connector box at the pump tank riser, make these connections with the waterproof wire nuts. Connect the black in the 12-3 to the black on pump 1 with the waterproof wire nut. Connect the red to the black wire on pump 2 with the waterproof wire nut. Some pumps come with 2 black wires and 1 green, either black wire can be use as the white neutral. Connect both pump white neutrals to the 12-3 white wire with a water proof wire nut. Connect both green pump wires to the green or copper wire from the 12-3.



The 12-3 wire and irrigation 7 lead wire should be fed through the waterproof connectors in the bottom of the grey electrical connection box at the pump tank.

In the panel connect the irrigation wire to the colored connectors in the lower right side of the control panel. The control panel will have instructions for which wires go to which float switches in the pump tank electrical connection box.

When all connections are complete, squeeze the included sealant in the conduit connector between the grey connector box at the pump tank riser. This will keep the corrosive sewer gases from corroding the electrical connections.

I hope these instructions are clear for you to follow, but if not, call me on my personal cell number if needed, and I will be glad to try and help you through the process.

Dart Kendall
404-557-3170