



TOWN OF MONROE

Office Of The Chief Building Official

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MEMORANDUM: SEPTIC EJECTOR PUMP- UNDERSTANDING THE ELECTRICAL COMPONENT

The following is a list of electrical and procedural requirements that should be understood prior to obtaining a septic installation permit that accompanies a septic ejector pump:

- 1- Application for an Electrical Permit, receipt of payment and issuance of an Electrical Permit for the installation of a septic ejector pump from the Town of Monroe prior to installation of the pump. Electrical forms may be obtained either at the Town of Monroe in room 210, or via the web site at www.MONROECT.ORG
- 2- The electrical connection box may be installed inside or outside of the septic ejector pump chamber
- 3- The pump and alarm are to be on separate circuits independent of each other.
- 4- The pump and alarm wiring must have the same temperature rating if they are run in the same conduit.
- 5- The trench depth shall be of a minimum depth to allow for 18 inches of cover over the top of the conduit and shall remain open until it has been inspected.
- 6- When the electrical connection box is placed within the pump chamber the pump and the alarm cords must be inserted through an approved corrosion proof bushing into a weather-tight box. Both the pump and the alarm cords may run through this box provided they meet requirement #4 and that potting compound is used at each end of the conduit that is at the e-y fitting at the house and at the connection box. This is to eliminate the transmission of vapors from the pump chamber to the interior of the house.
- 7- When the electrical box is placed on the outside of the chamber the box shall be fastened to a non corrosive sturdy stake. The pump and the alarm cords must be inserted through an approved corrosion proof bushing into a weather-tight box. Both the pump and the alarm cords may run through this box provided they meet requirement #4 and that potting compound is used at each end of the conduit that is at the e-y fitting at the house and at the connection box. This is to eliminate the transmission of vapors from the pump chamber to the interior of the house. Additionally, any wiring run above or under ground shall be rated for sunlight and for direct burial. The wiring would need to meet the requirement for protection against physical damage. No wiring is allowed to lie on the ground exposed.