

PLUMBERS' GUIDELINES FOR GRINDER PUMP INSTALLATIONS

- 1) The plumber applies for permit.
- 2) The Permit Technician will advise the plumber of the following:
 - a) A grinder pump is required.
 - b) An electrical connection must be made prior to the pump being installed. The electrical connection is the responsibility of the property owner or someone acting as the owner's agent. It is not a County responsibility.
 - c) A 30 amp 240 VAC Circuit with Neutral shall be installed in accordance with the current version of NFPA 70 the National Electrical Code. If a dual shell is being used, a separate electrical service must be provided for each pump.
 - d) According to Delaware Administrative Code, Title 24, Professional Regulation Subsection 1400 Board of Electrical Examiners an electrical inspection shall be obtained, and the approved inspection sticker placed in the disconnect box so that Sussex County Inspectors can exam it.
 - e) The hookup connection cannot be made until Utility Permits advises the plumber that the grinder pump installation has been completed.
 - f) Questions should be directed to the Utility Permits Division at 302-855-7719.
- 3) The Permits Technician will make the appropriate notation at the top of the permit, issue the permit, and give the plumber the E-ONE connection drawing and other pertinent information, including notifying plumber that the approved electrical sticker must be posted in the disconnect box.
- 4) The Permits Technician will issue a "Grinder Pump Installation Request Form" and notify Utility Engineering with the yellow copy of the form, Environmental Services with the blue copy, and Freemire Associates by fax that a grinder pump is needed. Freemire will order the pump.
- 5) Environmental Services will notify Utility Permits and Utility Engineering that the grinder installation is complete.
- 6) Utility Permits will advise the plumber that the grinder installation is complete.
- 7) The plumber can then schedule the hookup inspection.
- 8) Utility Engineering inspects sewer hook-up.
- 9) Freemire is not notified if the pump is privately owned. Sussex County Environmental Services technicians will verify that the installation complies with County standards.
- 10) Any Purchase Order jobs for the County will be handled and coordinated by Utility Engineering.