

# Sewage or equivalent Pump diagnosis

Date: \_\_\_\_\_

Site: \_\_\_\_\_

Customer: \_\_\_\_\_

**Initial observation:**

**Wire coming into the tank:**

Volts: \_\_\_\_\_

Ohm's: black to white \_\_\_\_\_, black to ground \_\_\_\_\_, white to ground \_\_\_\_\_

115 volt - no resistance from white to black or black to ground – small resistance ground to white.

230 volt – NO resistance

**Pump:**

Make & model # \_\_\_\_\_

Volts \_\_\_\_\_, HP \_\_\_\_\_, Max amps \_\_\_\_\_

Amp reading \_\_\_\_\_

Ohm: black to white \_\_\_\_\_, black to ground \_\_\_\_\_, white to ground \_\_\_\_\_

NO resistance to ground (white or black)

Black & white – low steady resistance

**Float: (Single or Double)** (circle one)

**Single float Ohm:** nothing when on off position, small steady on/ on position.

**Existing wire connections:** plugs, heat shrink, other \_\_\_\_\_ (circle one)

**Check valve (yes or no) – should there be (yes or no) Purge hole (yes or no)**

**Pump on block (yes or no) Size of pipe leaving tank:** \_\_\_\_\_

**Can pipe & wire be easily accessed:** \_\_\_\_\_

**What was done:** \_\_\_\_\_

**Description of diagnosis:** \_\_\_\_\_

**Was pump replaced: (YES or NO): new pump Model Number** \_\_\_\_\_

*Circle one:* **Grinder, Sump, effluent, sewage ejector (other):** \_\_\_\_\_

**New pump: horse power** \_\_\_\_\_ **New Pump volts** \_\_\_\_\_

**New pump max amps** \_\_\_\_\_ **Serial#** \_\_\_\_\_