

# WCID No.17 E/One Grinder Pump Start-Up

Legal Description: \_\_\_\_\_

Acct # \_\_\_\_\_ Permit # \_\_\_\_\_

Inspection Date: \_\_\_\_\_ Serial #(s): #1 \_\_\_\_\_

**Note: Seven (7) or more Bathrooms Require Duplex Grinder Station** #2 \_\_\_\_\_

Address / Project \_\_\_\_\_

Plumber \_\_\_\_\_ Result: (Circle One) PASS FAIL

Rec'd By \_\_\_\_\_ WCID No.17 Tech \_\_\_\_\_

Please answer the following questions by checking "yes" or "no" in the boxes provided below.

- |   |     |                          |                     |                          |
|---|-----|--------------------------|---------------------|--------------------------|
| 1. All miscellaneous debris removed from inlet pipe and basin before start up? (Must be clean)  | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 2. Discharge assembly to be installed by Diagram ( 1½ " discharge only ) in Figure 1.   | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| <b>3. All valves (residential/main) opened before start-up? (Valve to tank)</b>   | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 4. Basin installed 8" above finished grade?<br><small>NOTE: (1) Fiberglass Basin Extension NOT TO EXCEED 12" may be installed to grinder pump station to achieve required height.</small> | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 5. Center of the inlet pipe a minimum of 30" from the bottom of the basin?  | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 6. Mushroom vent installed? (Must be 10' min from operable window.)   | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 7. Inlet grommet installed correctly inside? (Figure 3)   | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 8. Supply cable installed with 1" PVC electrical conduit?<br><b><u>Conduit to be inspected at start up.</u></b>   | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 9. Conduit buried 18" maximum from finished grade?  | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 10. EQD plug secured properly using the EQD Hanger?   | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 11. Cord Grip Connector installed properly?   | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 12. Check pump 6 times. If there are double pumps, put switch on both/fast for 1 of the run times   | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 13. Equalizer installed correctly? (Figure 1 or 5)  | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 14. All conduits sealed to prevent moisture damage to electrical components?  | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 15. Verify yellow nylon rope is attached to pump and secure at the <b><u>top</u></b> of the fiberglass basin?   | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 16. All Electrical, Operational, and Start-Up Test performed as shown on pages 9 and 10 in the installation manual?   | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 17. Control box 48" above finished grade? (Bottom of box)   | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 18. Red light on control box must be seen from the road from front of the house?  | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 19. Labeled 30 AMP breaker in front of panel box (dedicated circuit).   | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 20. Penetration to electric panel on bottom only?   | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 21. Only 6" of electric line left in panel as slack. EQD must reach top of wet well not to exceed 24" past the lid.   | Yes | <input type="checkbox"/> | No                  | <input type="checkbox"/> |
| 1. AMPS @ Start-Up _____ Volts @ Start -Up _____  |     |                          |                     |                          |
| 2. AMPS @ Start-Up _____ Volts @ Start -Up _____  |     |                          |                     |                          |
| (Between 5 - 8)   |     |                          | (Between 216 - 264) |                          |

**\*\*\* ALL CORRECTIONS MUST BE MADE AND REINSPECTED WITHIN 10 DAYS OF THIS INSPECTION NOTICE**

\_\_\_\_\_ Failure to report and/or repair problems will result in loss of warranty.  
(Please initial)