

## OPERATION & MAINTENANCE MANUAL FOR ECLIPSE # 88 SAMPLING STATION

### DESCRIPTION

- A. The sampling stations are Eclipse Model #88, as manufactured by The Kupferle Foundry Company, 2511 North 9th Street, St. Louis, MO 63102. Phone 314-231-8738.
- B. Sampling stations are above ground type with 3/4" fip inlet & 3/4" non-threaded nozzle. All operating parts of the sampling station can be serviced or replaced without digging up or disturbing the supply line connection.

### OPERATION

- A. Sampling station is manually operated by turning the handle to the left or counterclockwise. Sampling station is closed by turning the handle to the right or clockwise. Sampling station closes against the water pressure. Operating nut should never be forced one way or the other.
- B. The sampling station is non-freezing type. When the sampling station is turned off, the 1/4" pet cock on the vent tube can be opened by turning counterclockwise and the station can be pumped free of any standing water. (Bilge pump sold separately.)

### PARTS RELACEMENT

- A. Replacement parts may be obtained from The Kupferle Foundry Company, 2511 North 9th Street, St. Louis, Mo 63102. Phone 800-231-3990.
- B. Servicing the sampling station or replacement of any worn parts can be accomplished without digging up or disturbing the connection to the supply pipe. This is done by first turning off the water supply to the sampling station, open the main valve on the sampling station all the way, then removing two (2) bolts & nuts holding the top and bottom halves of the aluminum enclosure together (Remove top half of enclosure and set aside). Next remove sampling station nozzle by turning counterclockwise. Remove two (2) bolts and nuts holding the top cap in place, then pull straight up on the top cp (without turning), then sampling station is ready for servicing, repair, or parts replacement.
- C. Sampling station parts are identified and parts numbers are listed on the following detail sheets:
  - 1. #88 4 color flyer. (Cutaway drawing on backside.
- D. Annual inspection of the seat rubber and o-ring ion the plunger is recommended. For proper operation the sampling station should have approximately 1 to 2 full turns on the handle.