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Environmental Engineering

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## AERATOR MAINTENANCE

A. INSPECT FREQUENTLY FOR CLEANLINESS AND ALGAE GROWTH

B. CHECK CONDITION OF AIR VENT SCREENS, REPLACE WHEN NEEDED.  
REMOVE ALGAE WITH A CLEAN BRUSH AND REGULAR UNSCENTED BLEACH SOLUTION.

C. CLEANING PROCEDURES:

1. DISCONNECT ELECTRICAL PLUG FOR WELL PUMP
2. REMOVE LID AND POUR **ONE-HALF (1/2) GALLON** REGULAR UNSCENTED BLEACH IN AERATOR, **SCRUB SIDES WITH CLEAN BRUSH OR BROOM**. SPRAY NOZZLES MAY BE REMOVED BY HAND FOR EASY CLEANING AND THEN REINSTALL.
3. PLUG BACK IN WELLPUMP, REMOVE DRAIN CAP AND RINSE AERATOR AND LID FOR SEVERAL MINUTES TO REMOVE DIRT, GRIME AND SULFUR SLIME.
4. FILL AERATOR WITH FRESH WELL WATER AND ADD **(1/2) GALLON** OF REGULAR UNSCENTED BLEACH THEN RUN WATER TO ALL DISTRIBUTION OUTLETS (KITCHEN SINK, FAUCETS, BATH TUBS AND SHOWERS) SHUT OFF.
5. ALLOW DISINFECTANT TO STAND UNDISTURBED (DO NOT RUN ANY WATER FOR AT LEAST 3 (THREE) HOURS). FLUSH FRESH WATER THROUGHOUT DISTRIBUTION UNTIL NO BLEACH IS DETECTED.

D. TO MINIMIZE SULFUR AND BACTERIA GROWTH, POUR ONE-HALF **(1/2) CUP** REGULAR UNSCENTED BLEACH IN AERATOR WEEKLY (IMPORTANT TO MEASURE)

E. **\*EXCESSIVE BLEACH COULD CAUSE DAMAGE TO WATER SOFTENER RESIN**

F. AERATORS CAN REMOVE UP TO 50-60% OF HYDROGEN SULFIDE