

CLEANING THE MEDIA WITH CAUSTIC

- 1) Bypass the FAST® Tank so that no fresh sewage enters it.
- 2) Open the top access hatch and add the amount of lye (sodium hydroxide) shown in the Table below:

WARNING - WEAR FACE MASK AND RUBBER GLOVES. SODIUM HYDROXIDE IS EXTREMELY DANGEROUS. AVOID SPLASHING OR SPILLING OF CRYSTALS OR LIQUID. AVOID CONTACT WITH EYES OR SKIN.

RESTRICTION - Do not under any circumstances use lye, trisodium phosphate, sodium hydroxide, potassium hydroxide or any other caustic or high pH cleaner on or in aluminum tanks or components. The caustic will attack the aluminum and cause serious structural damage.

NaOH REQUIRED FOR pH = 12.0		
water in media tank (gallons)	lye (NaOH) ounces	12 ounce cans
337	18	2
598	32	3
898	48	4
1,122	60	5
1,347	72	6
2,244	120	10
3,232	173	15
4,309	231	20
6,464	346	29

- 3) Close and seal the hatch.
- 4) Do not operate the blower during the caustic soak.
- 5) Let the Media Tank soak for four (4) to eight (8) hours. Then operate the Airlift for fifteen (15) minutes to an hour.
- 6) With the Airlift still operating, drain the Media Tank.
- 7) Fill the FAST® Tank with water to the normal water level.

8) Open the hatch and operate the Airlift. The water level over the media should not rise or the media may be plugged.

9) If the Media is still plugged, repeat the procedure. Otherwise, place the unit back in normal operation.