

## NOTICE TO OCCUPANT

The wastewater that is produced by your residence or business is treated by FAST®, an advanced wastewater treatment system. The FAST® treatment unit is located on your property and is an on-site treatment system. Any on-site treatment and disposal system will work properly provided the occupants of the premises do not place harmful substances in the system. Therefore, certain standards must be followed in order to receive optimal performance from your FAST® system. You may be interested to know that most of these same standards are also important to follow even for those who are connected to a municipal or city sewer treatment system or conventional septic systems. Please refer to the list below for important information on how to help keep your treatment system performing as it should. In addition to these standards, all required maintenance must be completed in a timely manner.

**DO NOT SHUT THE BLOWER OFF** (Notify your maintenance provider if it appears to be functioning improperly or if you will be leaving the property for an extended period of time.)

### **DISINFECTANTS OR BLEACHES**

Use in accordance with manufacturers recommendations and sparingly. Quaternary ammonia sanitizers (found primarily in commercial settings) or pine oil cleaners should not be used.

### **MEDICATIONS**

Normal use of over the counter medications should not affect the system. However, strong antibiotics or chemotherapy drugs have been known to severely disrupt the treatment process. Please notify your service provider of this kind of issue so they may be aware of the reason for the system upset.

### **DETERGENTS**

Should be low-suds, biodegradable, and low phosphate. (Some examples are: Arm & Hammer, ALL, and Ecolab® Products (commercial use))

### **PAPER PRODUCTS**

Use white toilet paper products. Some natural bacteria do not eat color dyes in paper and therefore do not breakdown colored paper. Non-bleached paper (brown in color) takes a long time to breakdown due to the increased level of wood pulp.

**NO TOILET BOWL TABLETS SHOULD BE USED.**

**NO DISCHARGE FROM WATER SOFTENERS SHOULD GO INTO THE SYSTEM.**

**NO ANIMAL FATS, SUCH AS BACON GREASE, LARD, OR ANY OTHER OILS SHOULD GO INTO THE SYSTEM.** (Normal cleaning of pots and pans is acceptable).

**NO DRAIN CLEANERS SHOULD BE USED.** (Vinegar and baking soda is good substitute. As a last resort chemical drain cleaners can be used, but use sparingly because they are toxic to the bacteria in the system.)

**NO LIQUID FABRIC SOFTENERS SHOULD BE USED.** (These products typically contain quaternary ammonia which is toxic to the bacteria. Please use dryer sheets.)

**NO HARSH CHEMICALS OR TOXINS SHOULD BE PUT INTO THE SYSTEM**  
(i.e. Floor stripping waste / household paints / solvents / thinners / caustic cleaners / pesticides / herbicides etc.)

### **OBJECTS NOT TO BE PUT INTO THE SYSTEM**

DISPOSABLE DIAPERS	CAT LITTER	SANITARY NAPKINS
BANDAGES	CIGARETTE BUTTS	AUTOMOTIVE FLUIDS
RAGS	STRING	STICKS
MUD	CONDOMS	PLASTICS
METAL OBJECTS	PAPER TOWELS	CORN COBS
ANIMAL BONES	MELON RINDS	COFFEE GROUNDS
HOME BREWERY WASTE	EGG SHELLS	OLD MEDICATIONS

### **Laundry Wash Loading**

It is recommended that wash loads be spread throughout the week.

### **Septic Tank Additives, Enzymes, and Bacteria**

Under normal circumstances these would be unnecessary with advanced treatment systems and not recommended for traditional septic systems.

**VIOLATIONS OF THE ABOVE STANDARDS OF GOOD PRACTICE  
MAY VOID THE PRODUCT WARRANTY**

# Inspection Report

## Private Onsite Wastewater Treatment System / Individual Subsurface Treatment System

**Thank you for allowing us to help extend the life of your system!  
Let us know if you have any questions.**

***This is our report to you - Please read carefully***

Installation Location: \_\_\_\_\_

Owner: \_\_\_\_\_

ATU Installed: \_\_\_\_\_ Install Date: \_\_\_\_\_

ATU Serial Number: \_\_\_\_\_

Inspection Agreement date: \_\_\_\_\_

\_\_\_\_\_  
Inspector/Service Provider

\_\_\_\_\_  
Credential Number

\_\_\_\_\_  
Phone Number

\_\_\_\_\_  
Date \_\_\_\_\_ Time \_\_\_\_\_

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**Your state of the art treatment system provides an ideal way to extend the life of your dispersal field and recycle clean wastewater back into the groundwater. Inspections can discover minor problems that could cause your dispersal field to fail resulting in considerable repair or replacement costs. Inspecting and maintaining your system properly can greatly increase its life, save money, protect water wells, and generally improve the environment.**

Below are some of the items we checked. Please read carefully and let us know if you have any questions.

- A. We removed the blower housing to clean the filter and check the blower for unusual noises or visible signs of electrical or mechanical problems. Pipe connections, vents, filters, blower, and electrical connections **do / do not** appear to be in good order.
- B. The electrical panel switches and alarm were checked and **do / do not** seem to be working properly.
- C. The water turbulence in the Bio-Microbics FAST<sup>R</sup> treatment unit **does / does not** appear to indicate there is adequate air coming from the blower.
- D. The aerobic vent pipe **does / does not** appear to be operating correctly. An obstructed vent will reduce treatment levels. The vent holes or opening should be equivalent to a 3" pipe.
- E. There **was / was not** a septic odor. When the aerobic system is working well, it receives enough oxygen to treat the quantity and quality of the waste load it is receiving. A slight musty odor is normal, especially, on heavy use days.
- F. The water coming from the FAST<sup>R</sup> unit **was / was not** clear. Clear water indicates there is good quality water coming from the treatment process. Properly treated wastewater should be clear of solids and may have a slightly cloudy appearance.
- G. We checked the sludge depth in your septic tank and it appears your system **does / does not** require pumping. The septic settling tank should be pumped when the sludge depth is 25% to 30% of the water depth in the tank. Please advise your pumper that each compartment and tank should be pumped when the septic settling compartment or tank needs pumping.
- H. The water depth in the tank(s) **does / does not** appear to be correct. An increased water depth may indicate ground water may be entering the tank from your field or there may be leaks in your tank. A low water level also may mean your tank is leaking.
- I. We looked for cracks or leaks in the tank risers and manhole covers and they **do / do not** appear to be normal. Leaks may allow water to enter your tank and overload your dispersal field.

- J. We checked for ponding in your dispersal field. There **was \_\_\_\_\_** of ponding. Significant ponding may indicate the field is developing a clogging mat, the water flow is too high or there is some other problem with the field.
- K. We checked the pumps and level control switches in the pump tank and they **do / do not** appear to be working correctly. The pump counter reading is: \_\_\_\_\_
- L. Treated wastewater effluent analysis: \_\_\_\_\_ DO, \_\_\_\_\_ Ph, \_\_\_\_\_ ° F Temp. Dissolved Oxygen is required for aerobic treatment, Ph significantly above or below 7 may indicate a toxic chemical presence and the temperature reading may help evaluate any treatment issue.
- M. Based on our visual inspection, your system **does / does not** appear to us to be working properly with the proper quantity and quality of wastewater.

You, your septic tank pumper or your system contractor may call any time to discuss this report. Whenever your tank(s) needs pumping, ask your pumper to clean and replace any effluent filters as needed, check the integrity of the tank and its baffles while it is empty. The tank(s) do not need to be emptied completely because a little biological sludge on the bottom helps the treatment to restart quickly when the system is put back into use.

We did not enter the tanks or use equipment to examine underground components. Our inspection of your system included the primary observable indicators that usually indicate the system is or is not working properly. Our inspection certainly cannot guarantee there is nothing wrong with the system or that it may fail sooner than expected. Treatment conditions may change if there are significant changes in wastewater quantity or quality. Read the notice on the back page for good wastewater practices. Call your system installer or service provider if you suspect problems with your system or have any questions.

We appreciate the opportunity to help you safeguard your system. With proper management and care your system can perform satisfactorily for many years.

Comments & Suggestions: \_\_\_\_\_  
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