

# HOT SPRINGS VILLAGE METHOD OF PROCEDURE

Page 1 of 1 Pages

## **TANK ALARM TESTING GUIDE**

### CHECKLIST

#	STEPS
	<p>Homeowners own their wastewater collection systems from the street to their homes. It is recommended that homeowners have their tank alarms checked yearly by a licensed electrician or plumber and report any problems to the Public Services Department via our website at <a href="https://www.explorethevillage.com/services/public-services">https://www.explorethevillage.com/services/public-services</a> or by calling the department at 501-922-5524. Below is an informational guide only to help in the testing of system alarms. It is up to the homeowner and their electrician and/or plumber to establish proper procedures to ensure the alarm system is properly working. The Public Services Department takes no liability tied to the proper testing of system alarms as a result of this document. Proper safety precautions should always be taken prior to any action on the system.</p>
1	<p>In the Grinder tank panel on the wall of the home (capacitors in the panel), check continuity from ground to the alarm terminal strip, usually 5&amp;6.</p>
2	<p>In the Effluent tank panel (do not have capacitors in the panel) inside the panel box the terminal strip may be in the center of the panel box or on the right side where the main power from the house is coming in. There is a 16 AWG black and 16 AWG red wire. Use a jumper wire and touch the 2 screws at the same time.</p>
3	<p>Visible and audible Alarm should be evident.</p>
4	<p>To be able to fully test the system alarming capability, the high-level float within the tank must be elevated to simulate an overflow condition. This can be accomplished by opening the tank lid and elevating the alarm float. The visual and audible alarm should activate.</p>
5	<p>An electrician or plumber may also install a push to test button for residents to test the system alarm functionality within the alarm panel that can be added to the front of the existing control panel along with an inscription that identifies it as the "Alarm Test Button." Go from the #1 (which is a hot wire) from the terminal strip and tie in with the alarm white wire. A momentary waterproof 120volt button must be used. The alarm light and buzzer should activate when the homeowner pushes the test button. This test button will only validate the functionality of the components within the panel.</p>
6	<p>If there is any problem with any aspect of the alarm, please contact Public Services. Do not attempt the repairs yourself. The Public Services Department takes no liability for any actions performed by homeowners on their wastewater collection system as a result of this document.</p>