MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
ANNUAL ELECTRONIC INTERSTITIAL MONITORING DEVICE TESTING

	Date of Test
➢ This form may be utilized to document functionality testing of electronic interstitial monitoring devices. ➢ Testing of electronic interstitial monitoring devices is required at least once every 12 months. ➢ In the absence of an approved 3rd party test procedure or manufacturer's recommended practice, the "MDEQ Electronic Monitoring Device Test Procedure" outlined below may be utilized.	

UST Facility / Person Conducting Test

UST Facility				Person Conducting Test		
Facility Name		MDEQ Facility ID #		Tester's Name		
Physical Address				Company		
City	County		State **MS**	MDEQ Certification #		Expiration Date
UST Owner				Tester's Signature		Date

Electronic Interstitial Monitoring Device Testing

Reason for Test	☐ New Installation ☐ Existing Installation (annual test)
Type of Sensor	☐ Float Switch (☐ discriminating ☐ non-discriminating)
	☐ Optical Sensor ☐ Electrical Resistance Sensor
	☐ Pressure / Vacuum Monitoring Device ☐ Other (specfy)_____

MDEQ Electronic Monitoring Device Test Procedure

1. Confirm that the electronic monitoring device is properly installed and labeled properly.
2. Visually examine the device to ensure that it is not damaged or corroded and any moving parts are free.
3. Cause a condition that should trigger the sensor to alarm (submerge sensor in appropriate fluid).
4. Ensure that the alarm condition causes the appropriate response (e.g. visual and audible alarms, STP shutdown, etc)
5. Note in the facility alarm history records that this alarm was the result of an annual functionality test.
6. Ensure that the electronic interstitial monitoring device is reinstalled properly.
7. If ATG is equipped with printer, attach the printed alarm reports that resulted from sensor testing to this form.

Test Data for the Year _____

Sensor ID (Location)								
Sensor Installed Correctly	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Sensor in Good Condition	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
When placed in test fluid, does the sensor trigger a Visual and Audible Alarm	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
When placed in test fluid, does the sensor trigger STP or Dispenser Shutdown	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Sensor labeled properly	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Alarm reports printed and attached (Yes / No / NA)								
Test Result (Pass/Fail)								

Comments: