

Mississippi Department of Environmental Quality Monthly Statistical Inventory Reconciliation (SIR) Report

FACILITY NAME		MDEQ ID #
TANK LOCATION	Address	City
	Phone	Zip
TANK OWNER	Name	
	Address	
	City, State, Zip	Phone
TANK OPERATOR		Phone
SIR Provider		Phone
SIR Version		Date of SIR Report
Period Covered	What is the required number of useable inventory days per tank?	

Tank Number	Tank Contents	Tank Capacity gallons	Current Month						Last Month			Two Months Ago				
			Leak Threshold gph	Minimum Detectable Leak Rate gph	Calculated Leak Rate gph	Pass/Fail Inconclusive			Pass/Fail Inconclusive			Pass/Fail Inconclusive				
						P	F	I	P	F	I	P	F	I		

1. The tank owner is required to have an SIR report for each month by the 20th day of the following month.
2. Monthly reports must be submitted to federal, state or local agencies upon request.
3. If, for any reason, the test is neither “pass” or “fail” the “inconclusive” column must be marked.
4. MDEQ must receive verbal notification within 24 hours of receipt of the report for any tank “fail”. The SIR report of a failed test must be submitted to MDEQ within 10 days.
5. Quantitative and Qualitative SIR Methods:
 - a. A leak threshold, minimum detectable leak rate, and calculated leak rate must be provided for each tank. If not, then the tank failed the SIR test.
 - b. If the calculated leak rate for a tank is greater than or equal to the leak threshold, the tank failed the SIR test. The leak threshold cannot be less than 0.1 gph.
 - c. If the minimum detectable leak rate for a tank is greater than the required performance standard of 0.2 gph and the calculated leak rate is less than the leak threshold, the test is inconclusive for that month.
 - d. A failure, or two consecutive inconclusive results, will require a tank and/or piping integrity test within 15 days from the date of the failure or the date of receipt of the second inconclusive report.
6. A conclusive result of “pass” is required to meet the monthly leak detection requirements.

Person conducting evaluation			
Signature		Date	