

MONTHLY STATISTICAL INVENTORY RECONCILIATION (SIR) REPORT

MONTH _____ YEAR _____

FACILITY			
TANK LOCATION	Street Address:	City:	
	Phone ()	Zip:	
TANK OWNER	Name:		
	Address:		
	City:	State:	Zip: Phone: ()
TANK OPERATOR	Name:		Phone: ()
SIR Provider			Phone: ()
SIR Version			Date of SIR report:
Performance standard			
Period Covered		What is the required number of useable inventory days per leak?	

Tank Number	Tank Content	Tank Capacity gallons	Useable Number of Data records days	This Month						Last Month			
				Leak Threshold Gph	MDL Gph	Calculated Leak rate Gph	Pass, Fail, Inconclusive			Pass, Fail, Inconclusive			
							P	F	I	P	F	I	

1. The tank owner/operator is required to have a SIR report for each month [Section 2643(b)(3) CCR].
2. The tank owner/operator is required to have each monthly report within 20 days following data collection [Section 2646.1(c) CCR].
3. The tank owner/operator must submit monthly reports to the local agency upon request [Section 2712(b) CCR].
4. If for any reason, the test is neither "pass" nor fail", the "inconclusive" column must be marked.
5. Within 24 hours of receipt of a report, the owner or operator must notify the local agency if test results are inconclusive or indicate a possible unauthorized release. The owner/operator must submit the report to the local agency within 10 days (Section 2646.1(d))
6. Quantitative and Qualitative SIR Methods:
 - a. The test result is "Pass" only if the absolute value of calculated leak rate is less than threshold on both MDL and leak threshold are less than performance standard.
 - b. If the absolute value of calculated leak rate for a tank is greater than or equal to the leak threshold, the tank failed the SIR test.
 - c. If the Minimum Detectable Leak (MDL) rate for a tank is greater than the certified performance standard (I.e., 0.1 or 0.2 gph) and the absolute value of calculated leak rate is less than the leak threshold, the leak is inconclusive for that month.
 - d. Two consecutive failures and/or inconclusive requires a tank and/or piping integrity test within 15 days from the date of the second report [Section 2646.1 (h) CCR].

Recommendations/Comments for "fail" or "inconclusive" results:

Person conducting evaluation		
Signature (optional)		Date