

MONTHLY STATISTICAL INVENTORY RECONCILIATION (SIR) REPORT

MONTH _____ YEAR _____

FACILITY ID #			
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	What is the required number of useable inventory days per month?		
Period Covered			

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

This form shall be used when Statistical Inventory Reconciliation has been chosen as the method of monthly release detection.

1. A report shall be generated monthly, after the end of the data collection for that time period.
2. The monthly result must be reported as "pass", "fail", or "inconclusive".
3. A "Calculated Leak Rate" must be reported monthly.
 - a. The test result is "Pass" only if the absolute value of the calculated leak rate is less than the leak threshold.
 - b. If the absolute value of the calculated leak rate for a tank is greater than or equal to the leak threshold, the result is "fail" for that month.
 - c. If the Minimum Detectable Leak (MDL) rate for a tank is greater than 0.2 gph and the absolute value of the calculated leak rate is less than the leak threshold, the result is "inconclusive" for that month.
4. If the monthly result is "fail", or if the monthly result is "inconclusive" for two months consecutively, the owner/operator must notify the Underground Storage Tank Division of a suspected release within 72 hours.

Recommendations/Comments for monthly results:

Person conducting evaluation		
Signature		Date