



**UNDERGROUND STORAGE TANK MANAGEMENT DIVISION**  
 Monthly Statistical Inventory Reconciliation (SIR) Report  
 This form can be used to comply with R61.92, Section 280.43 and 280.44

UST Facility		Tank Owner	
Facility Name	Facility ID#	Owner Name	
Physical Address		Physical Address	
City		City	State
Facility Phone Number		Owner Phone Number	

General SIR Information			
SIR Provider Information	SIR Provider	SIR Provider Phone Number	SIR Version
SIR Test Information	Period Covered	Date of SIR Report	The Required Number of Usable Inventory Days Per Tank

**SCDES SIR Procedures**

1. The tank owner is required to have a SIR report for each tank per month.
2. **The tank owner is required to have a SIR report for each month within that month. For example, you collect data from June 1-15 because your provider needs 15 days of data. You must have that report back from the SIR Provider no later than June 30 or you are in violation of the monthly release detection requirement.**
3. SCDHEC must be notified of a result other than "Pass" within 24 hours of receipt of the report at (803) 898-0589.
4. You must investigate any non passing results and provide the results of the investigation to SCDHEC. Should the investigation indicate a suspected release, a tank/piping precision test will need to be done and the results provided to SCDHEC.
5. Definitions: "Pass": a calculated leak rate for the data set is less than the leak threshold and the minimum detectable leak rate is less than or equal to the certified performance standard (0.2 gph); "Fail": a calculated leak rate for the data set is equal to or greater than the leak threshold; "Inconclusive": the minimum detectable leak rate exceeds the standard of 0.2 gph and the calculated leak rate is less than the leak threshold.
6. A leak threshold, minimum detectable leak rate and calculated leak rate must be provided for each tank or it fails the test.

**SIR Data Table**

Tank Number	Product	Capacity (in gallons)	Leak Threshold (in gph)	Minimum Detectable Leak Rate (in gph)	Calculated Leak Rate (in gph)	PASS	FAIL	INCONCLUSIVE

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Signature of Person Conducting Evaluation: \_\_\_\_\_ Date: \_\_\_\_\_



## **Monthly Statistical Inventory Reconciliation (SIR) Report for Underground Storage Tanks (USTs)**

### **General Information:**

The primary purpose of this form is meet the monthly release requirements as outlined by the South Carolina Underground Storage Tank Regulations 61-92. Please type or print in ink. Also, please be sure that you have signatures in ink.

#### *Who must complete this form?*

The SIR Provider that is contracted by the tank owner and/or operator to perform this service.

#### *What USTs are included?*

An UST system is defined as any one or combination of tanks that is used to contain an accumulation of regulated substances, and whose volume (including connected underground piping) is 10 percent or more beneath the ground. Regulated USTs store petroleum or hazardous substances. This includes UST systems with field-constructed tanks and airport hydrant fuel distribution systems.

#### *What Tanks are Excluded from these Requirements?*

- Tanks removed from the ground prior to January 1, 1986;
- Farm or residential tanks of 1,100 gallons or less used to store motor fuel for noncommercial purposes;
- Tanks storing heating oil for use on the premise being stored;
- Septic tanks;
- Certain pipeline facilities regulated under Chapters 601 and 603 of Title 49;
- Surface impoundments, pits, ponds, or lagoons;
- Storm water or wastewater collection systems;
- Flow-through process tanks;
- Liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
- Tanks on or above the floor of underground areas, such as basements or tunnels;
- Tanks with a capacity of 110 gallons or less;
- Wastewater treatment tank systems;
- UST systems containing radioactive materials that are regulated under the Atomic Energy Act of 1954;
- UST systems that are part of an emergency generator system at nuclear power generation facilities regulated by the Nuclear Regulatory Commission under 10 CFR part 50.

#### *What Substances are Covered?*

These requirements apply to USTs containing petroleum or certain hazardous substances. Petroleum includes gasoline, used oil, diesel fuel, crude oil, or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees

F and 14.7 pounds per square inch absolute). Hazardous substances are those found in Section 101 (14) of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) of 1980 with the exception of those substances regulated as hazardous waste under Subtitle C of the Resource Conservation and Recovery Act (RCRA).

### **Instructions for Completing the Monthly Statistical Inventory Reconciliation (SIR) Report:**

UST Facility Information: Enter the name of the facility, permit identification number of the facility, the physical address where the tanks are located and the complete telephone number.

UST Tank Owner Information: Enter the name of the owner and the complete mailing address and telephone number.

#### General SIR Information:

- 1) *SIR Provider Information:* Indicate the name and telephone number for the SIR Provider. Indicate the version of SIR being used in the correct boxes.
- 2) *SIR Test Information:* Indicate the period covered and the date of the actual SIR report. Indicate in the box the required number of useable data days per tank.

SCDES SIR Procedures: Review the procedures to ensure that the correct steps are being done for compliance with the UST regulations.

#### SIR Data Table:

- 1) Indicated each tank number, product and capacity in gallons. Put one tank on each row.
- 2) Indicate the leak threshold, minimum detectable leak rate and calculated leak rate. All measures should be in gallons per hour.
- 3) Indicate the results by marking Pass, Fail or Inconclusive for each tank.

Certification: Sign and date the form indicating that the information provided is accurate.

**Office Mechanics and Filing:** After completing the form, retain a copy in your files.

**Contact Information:** Please contact the UST Division at (803) 898-0589 for further information.