



**MONTHLY RELEASE DETECTION DEVICE  
VAPOR MONITORING RECORDKEEPING FORM**  
Louisiana Department of Environmental Quality  
Underground Storage Tank Division

Facility Name: \_\_\_\_\_ Agency Interest No: \_\_\_\_\_

Depth from Ground Surface to Tank Bottom: \_\_\_\_\_

Type of Monitoring Device: \_\_\_\_\_

Instrument Name and Type (if electronic): \_\_\_\_\_

Monitoring Device Calibration Date: \_\_\_\_\_

List or attach any additional information needed to verify compliance with 3<sup>rd</sup> party certification:

---

---

**Site Sketch Showing Location of UST System Components and Release Detection Devices**

The items below are required in order to meet the vapor monitoring release detection requirements of LAC 33:XI.701.A.5. Documentation of the external release detection device information listed below should be maintained. Documentation can be in the form of photographs, installation records, written statements from installers, or other documentation. LDEQ will review the documentation when determining if a variance to the site assessment requirements (required in LAC 33:XI.705.A.1 before 9/20/2021) will be issued for your site.

<b>External Release Detection Device Information</b>	
Are the RDDs 4in diameter, are they compatible with product stored, is the screened interval commercially fabricated, slotted, or continuously wound, is the screen size 0.01 inches, and are the RDDs free of solvents, glues, epoxies, thermal processes, or rivets?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the RDDs screened from 1 foot below the surface throughout the entire excavation zone?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the RDDs sealed from ground surface to depth of 1 foot and have locking caps?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the RDDs installed in backfill? Type of backfill:	<input type="checkbox"/> Yes <input type="checkbox"/> No
If RDD installed in native soil, is hydraulic conductivity greater than 0.01 cm/sec?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are RDDs in the correct number and properly positioned?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Has the department approved a variance to the RDD construction requirements?	<input type="checkbox"/> Yes <input type="checkbox"/> N/A
<b>Vapor Monitoring</b>	
Is the regulated substance (or tracer) sufficiently volatile to allow vapors to be detected by the monitoring device?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Can a release be detected at least once every 30 days without the monitoring device being rendered inoperative by groundwater, rainfall, soil moisture, or other known interferences?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is a release detectable without interferences from background contamination concentrations?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is the monitoring device designed and operated to detect any significant increase in concentration above background?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Any significant increase in concentration above background is reportable as a release.

All USTs must be monitored for a release at least once every 30 days.

All monitoring records must be kept for at least 36 months.

The minimum information needed to comply with the vapor monitoring release detection recordkeeping requirements are:

- the date the analysis was conducted
- the well identifiers
- the concentration measured in each well in parts per million
- a statement or signifier if any of the measured concentrations represents a suspected release (any significant increase in concentration above background)
- any other information needed to verify compliance with LAC 33:XI.703.A.2.c as applicable to the equipment and method used

Date	Concentration Measured in Parts per Million (ppm)						Any Interferences (Yes/No)	Type of Interference?	Suspected Release (Yes/No)	If Suspected Release, Date Reported to SPOC	Observer Name
	RDD #	RDD #	RDD #	RDD #	RDD #	RDD #					