



**MONTHLY RELEASE DETECTION DEVICE  
LIQUID 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): \_\_\_\_\_

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

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

The items below are required in order to meet the groundwater 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>Groundwater Monitoring</b>	
Is regulated substance immiscible in water and have a specific gravity less than one?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If RDDs are installed in backfill, is water present in the tank hold during measurement at least once every 30 days, or if RDDs are in native soil is water table less than 20 feet from ground surface and is water present during measurement at least once every 30 days?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does RDD prevent migration of soils into RDD, and can regulated substances enter RDD in both low and high water conditions?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Can continuous monitoring device or manual method detect 1/8-in of free product?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Any amount of product detected 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 liquid monitoring with release detection recordkeeping requirements are:

- the date the wells are checked
- the well identifiers
- the amount of product measured in each well
- the depth to the water surface in each well
- any other information needed to verify compliance with LAC 33:XI.703.A.2.c as applicable to the equipment and method used

