

# NC DEQ GUIDELINES FOR ONE TIME DELIVERY OF PETROLEUM FOR TESTING (DURING UST INSTALLATIONS/REPLACEMENT)



The NC DEQ UST Section frequently receives requests to place petroleum products into underground storage tanks (USTs) for the purpose of testing of the UST system during the construction phase. The UST Section will consider the **one-time** delivery of petroleum product to these USTs provided that the following conditions are met:

## **STEP 1 - To be completed prior to tank installation:**

Submit the following information with the UST-6 (Pre-Installation) application to the UST Section for review and approval:

- (A) UST-15A form, Ownership of UST System(s)<sup>1</sup> and the appropriate annual operating fees<sup>2,3</sup>;
- (B) Proof of Financial Responsibility<sup>1,2</sup> and the Certification of Financial Responsibility form<sup>1,2</sup>.

<sup>1</sup> UST forms are available on the internet at <https://deq.nc.gov/about/divisions/waste-management/ust/forms>

<sup>2</sup> This is only required for petroleum UST systems.

<sup>3</sup> Annual Tank Operating Fees: If additional information is needed concerning the amount that you will be required to submit, please call (919) 707-8171, Option #1.

Note: Please allow at least 30-45 days for review of Step 1 information. After receipt of the UST-6 Pre-Installation application, an invoice will be sent to the appropriate facility official for payment of required tank fees. Please submit the required fees to the Department as soon as possible but note that all fees must be paid prior to the delivery of a regulated product.

## **STEP 2 - To be completed after approval of STEP 1 and tank installation, but before fuel delivery:**

The approval letter for the UST-6 application will contain the NC DEQ inspector contact information for the required two inspections (tank and piping). When you contact the inspector to setup the first (tank) inspection, please also advise him/her that you would like to fill the tanks with fuel after the second (piping) inspection. After the NC DEQ tank & piping inspection approvals, you will need to submit the following information to the inspector for review and approval:

- (A) Proof of installation/testing of spill and overfill prevention equipment. Proof of installation/testing must be documented using the appropriate UST-22A & UST-6D/23A forms and be completed within 6 months of the fuel delivery request.
- (B) The amount of fuel needed for each tank or compartment and estimated date of delivery.
- (C) If the tank installation inspection occurred more than 6 months prior to the fuel delivery request then an interstice tightness test (UST-6E/23D) must be submitted that was completed within 6 months of the fuel delivery request.
- (D) If the pipe installation inspection occurred more than 6 months prior to the fuel delivery request then a secondary interstice tightness test of the piping (UST-6H/23C) must be submitted that was completed within 6 months of the fuel delivery request.

Note: The Department will expedite the review of the Step 2 information, but you should allow at least two business days for approval (after receipt of aforementioned requirements). Fuel **cannot** be delivered to the tanks until all of the Step 2 information has been approved. Note that the approval will be for the one-time fuel drop for testing purposes only and will expire ten days after it is issued.

## **STEP 3 - To be completed after approval of STEP 2 and fuel delivery:**

- (A) Weekly interstitial leak detection monitoring using Vacuum, Pressure, or Hydrostatic methods must be performed if manually recorded on a log sheet, otherwise a monthly printout of the sensor status and alarm history from the monitoring console is required. Either method must begin immediately following delivery of petroleum product. Records of the monitoring results must be maintained on-site and made available upon request. A copy of the monitoring results shall also be submitted with the UST-6 Post-Installation application.
- (B) Financial responsibility must be maintained in accordance with 15A NCAC 20.
- (C) Installation must be completed, and an annual operating permit obtained **within six months** of fuel delivery date. If the installation is not completed within this timeframe, then the product must be withdrawn ( $\leq$  one inch remaining in tank) and the UST system will be considered in temporary closure.

If you have any questions, please call the NC DEQ inspector or the Permits & Inspections Branch Office at (919) 707-8171.