North Carolina Department of Environment and Natural Resources Underground Storage Tank Section



"Getting it Right the First Time"

UST Installation Application Training Seminar
June 12, 2012



Introductions

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Logistics

- Please turn off cell phones
- Restrooms
- At the end of each session we'll be answering brief questions that you may have
- Hold in-depth questions until the end of the presentation

Agenda

- Overview
- UST System Design I (The Basics)
- Break
- UST System Design II (Advanced Concepts)
- UST System Design III (Engineered Plans)
- Lunch
- Pre-Installation Phase (UST-6A)
- Installation Phase
- Break
- Post-Installation Phase (UST-6B)
- Q&A

Objectives

- Explain the UST-6A/UST-6B process
- Detail changes to the secondary containment requirements
- Describe unique design challenges
- Present UST Section requirements
- Reduce the likelihood of needing a resubmittal
- Answer any questions you may have

Handouts

- UST-6A/B Packet "Application to Install or Replace Underground Storage Tank Systems"
- Example Engineered Plans
- Significant Modifications Memo

Online Resources

http://portal.ncdenr.org/web/wm/ust/ustmain

- 2N Rules
- UST Forms (PDF / Word)
- Guidance Documents
- Brochures/FAQs

- Implementation of the installation review process coincided with changes made to I5A NCAC 2N in 2007
- Two-fold Rationale
 - To verify that new UST system equipment installed after 11/1/2007 was in compliance with new rules
 - To document the particulars of the UST system installation with high-confidence unambiguous information

Installation Reviews (UST-6A / UST-6B):

- Apply to new installations of:
 - Tanks
 - Piping (including extensions to existing piping)
 - Tanks and piping

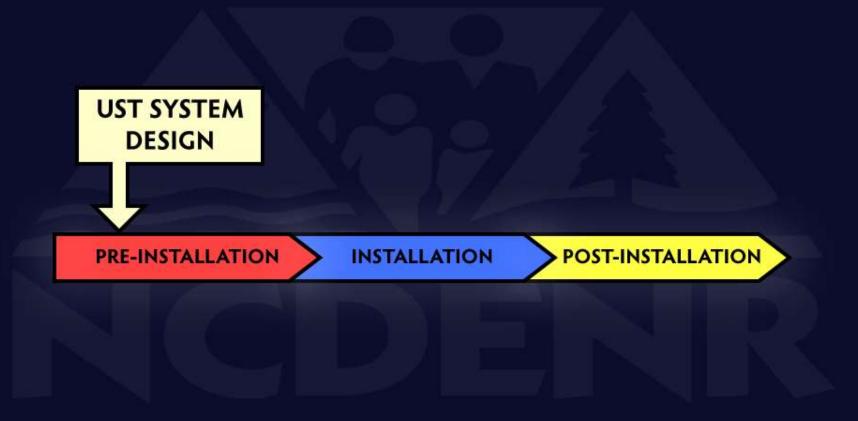
Installation Reviews (UST-6A / UST-6B):

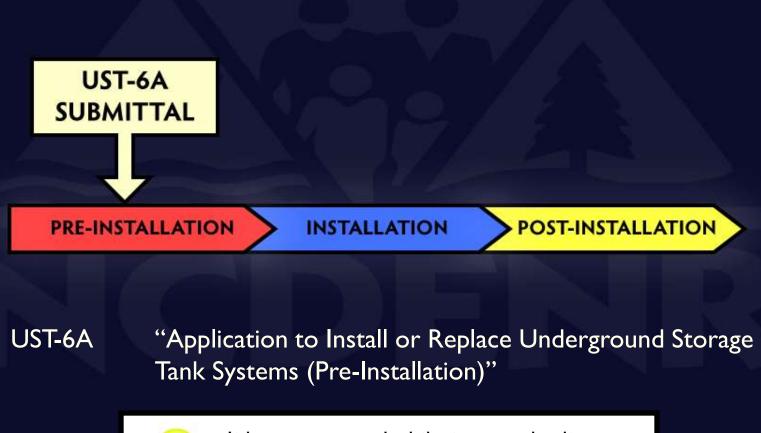
- Do not apply to installations of only:
 - Spill buckets
 - Under dispenser containment
 - Containment sumps
 - Other ancillary equipment
- Do not apply to repairs

PRE-INSTALLATION POST-INSTALLATION

Three Phases:

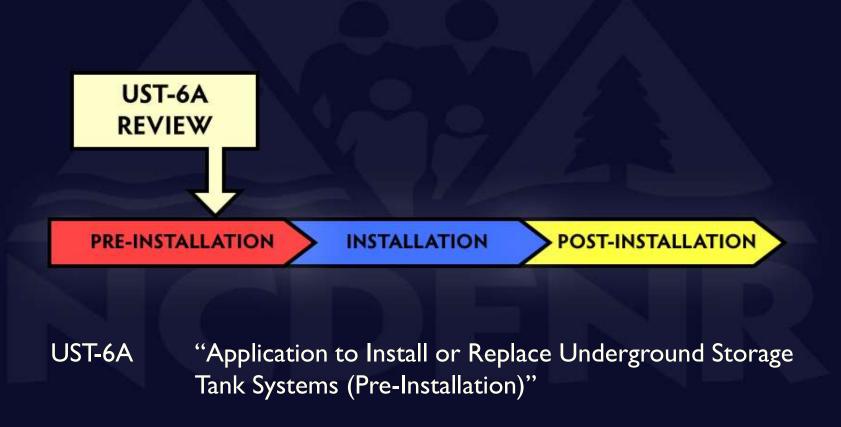
- I. Pre-Installation
- 2. Installation
- 3. Post-Installation

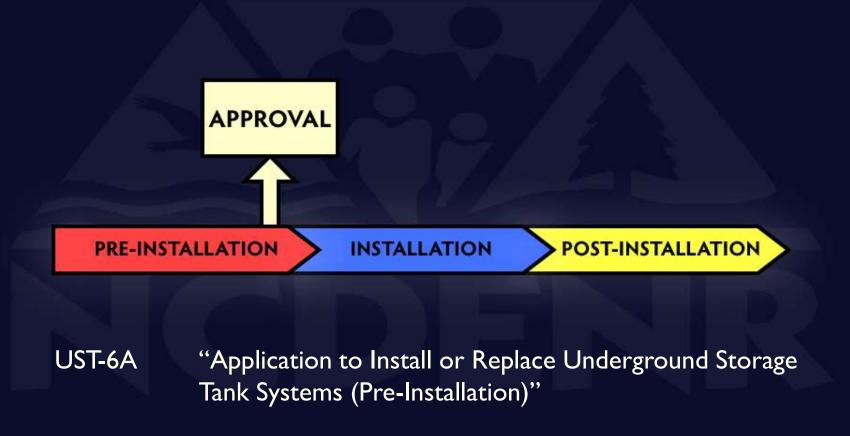






It is recommended that you submit Financial Responsibility and Ownership information at this time.

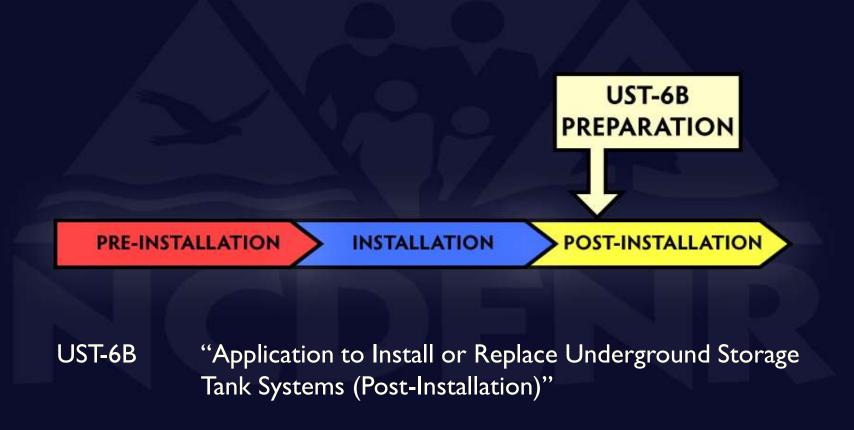


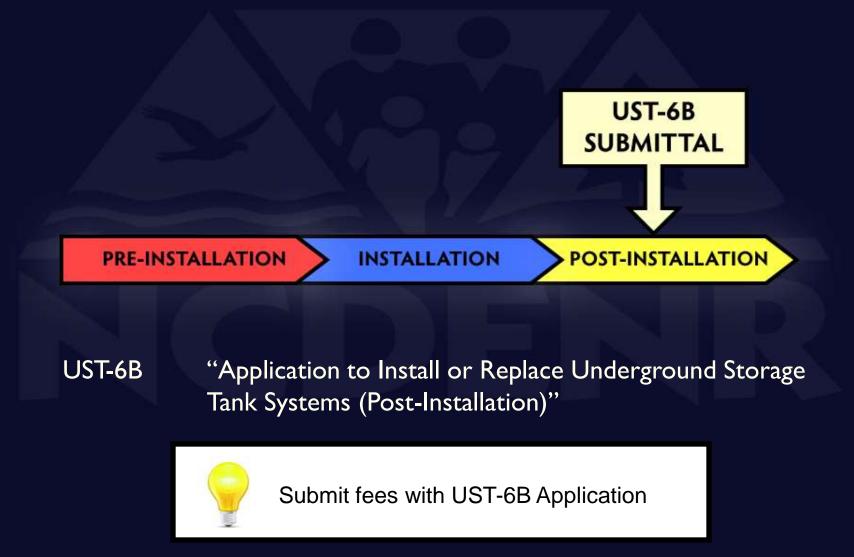


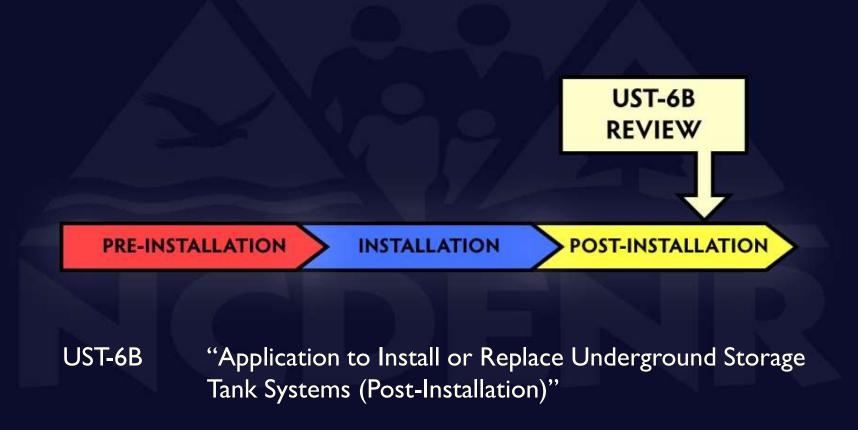


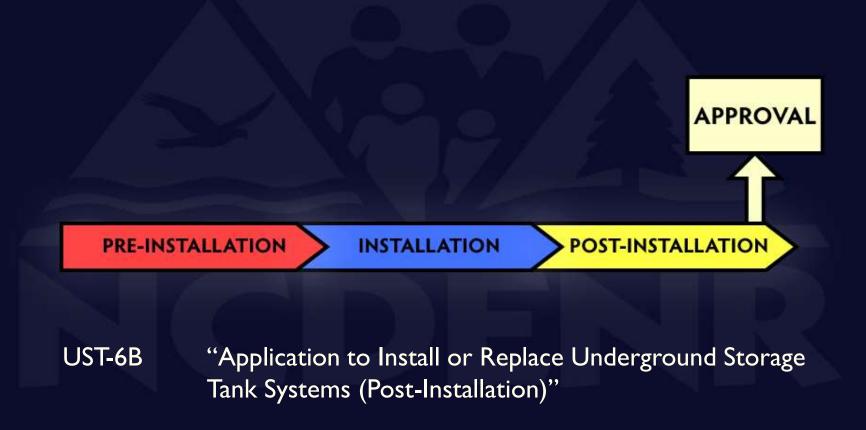


Notify the UST Section within 5 days after the tanks are installed, so that invoicing can occur prior to the completion of the installation









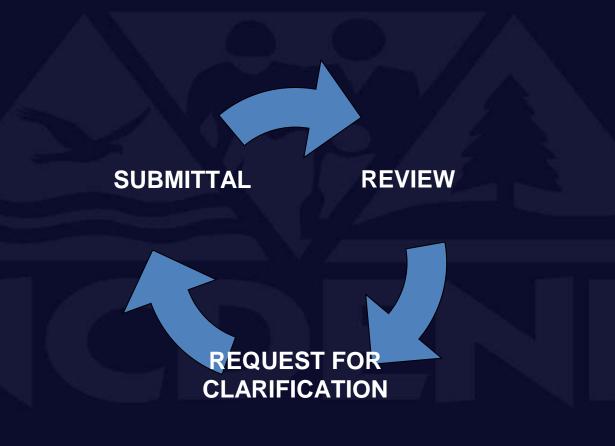
UST Installation Permitting Process



Average Time To Complete Review

- UST-6A (Pre-Installation)
 30 Days
- UST-6B (Post-Installation)
 7-14 Days

UST Installation Permitting Process



Don't Get Stuck in the Loop

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Questions?

