

# Remover Agenda

Thursday May 26, 2022

Stoney Creek Inn, Pioneer Room, 5291 Stoney Creek Court, Johnston

## **8:00—Introduction and Course Overview, Christian Quijano**

## **8:15—Review of regulations and Iowa DNR UST Section Update, James Gastineau**

- 1) 567 134.19, Part C: General Licensing Requirements and Responsibilities of Removers
- 2) 567 135.15, UST Closure Requirements
- 3) Rule Changes that will Affect Removers and CGPs
- 4) UST Removal Funding

## **8:45—Health and Safety Considerations During UST Removal (Chris Downs, Iowa OSHA)**

- 1) Excavation and Trench Safety
  - a) Responsibilities of Competent Person
  - b) Sloping, Shoring, Shielding
  - c) Spoil Piles, Materials and Equipment Set Back
- 2) Confined Space and Hazardous Atmosphere

## **9:30—Break**

## **9:45—Preparing for Permanent Closure by Removal and Safety Issues (Chris Biellier, Seneca Companies)**

- 1) What's involved in Pre-closure Planning and Preparation?
- 2) Securing the Site
- 3) Fire Safety
- 4) Utilities and Electrical Safety/Bonding and Grounding
- 5) Drainage of Product
- 6) Monitoring and Field Screening with the Appropriate Instruments
- 7) Controlling the Atmosphere in the Tank (Purging and/or Inerting before Removing the Tank from the Excavation)
- 8) Removing the Tank from the Excavation
- 9) Removing the Piping

## **10:45--Break**

- 10) Removing Sludge and Cleaning the Tank (Chris Beillier, Seneca Companies)
  - a) Cleaning Tank in Excavation vs. Cleaning Tank Aboveground
  - b) Proper PPE (What to Wear and When?)
  - c) Purging and Inerting

## **11:30—Iowa DOT (Chris Boswell)**

## **Noon: Lunch (on your own)**

## **1:00—Conducting the Closure Assessment**

- 1) Review of Closure Guidance Changes (Lisa Niedermayer, DNR)
- 2) Suspected Release, Confirmed Release and Release Reporting
- 3) Sampling for Temporary Closure—When is it required?
- 4) What is Closure in Place and Change-in-Service

**1:30—Assessing the Site at Closure and Changes-in-Service (Darren Fife, EcoSource)**

- 1) Common areas where contamination is found during UST system closure
- 2) Soil and Groundwater Sampling Procedures
- 3) Visual Inspection of UST System
- 4) What's a Reportable Release
- 5) Soil Sampling for Tanks, Piping and Dispensers
- 6) Soil Sampling Equipment
- 7) Groundwater Sampling
- 8) Monitoring and field screening instruments
- 9) Laboratory Procedures for Testing Soil and Groundwater Samples
- 10) Corrective Action Levels
- 11) Preparing and submitting UST Closure Reports (Lisa Niedermayer)

**2:15—Break**

**2:30—Pre-Exam and Exam**

**3:00— Exam**

**5:00—Conclusion**

**Examination**

The remover exam is based on the UST Closure Guidance booklet and course content. The exam is open book. You must receive a score of 75% or higher to pass the exam. The API and NFPA references mentioned on page 5 of the Guidance are important safety and removal standards that should be a part of your reference material.

**Licensing Requirements**

Upon successful completion of the course and exam, attendees will be eligible to apply for Remover Certification and Licensing in the State of Iowa. The exams will be graded following the course and you will receive the results by mail within 30 days. Licensing of UST Professionals is found in 567—134.17 IAC. Licensing requires 40-hour OSHA training and at least two years of UST removal or related experience.

**THANK YOU...**

