



## UST Closure Report - Tank and/or Piping Removal

Iowa Department of Natural Resources  
Underground Storage Tank Section  
6200 Park Ave Ste 200  
Des Moines, IA 50321

|                         |                             |
|-------------------------|-----------------------------|
| <b>UST Registration</b> | <b>LUST (if applicable)</b> |
|-------------------------|-----------------------------|

Site Name: \_\_\_\_\_

Site Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone: \_\_\_\_\_

### Owner Identification

Name: \_\_\_\_\_ Company: \_\_\_\_\_

Street: \_\_\_\_\_ E-mail: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

### Iowa Licensed Remover

Name: \_\_\_\_\_ Iowa Licensed Remover No: \_\_\_\_\_

Company: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

E-mail: \_\_\_\_\_

### Certified Groundwater Professional (CGP)

Name: \_\_\_\_\_ Certification Number: \_\_\_\_\_

Company: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

E-mail: \_\_\_\_\_

I certify that I have reviewed this document, appendices and attachments for submittal to the Iowa Department of Natural Resources. To the best of my knowledge, the information provided is true, accurate and complete

\_\_\_\_\_  
Signature – **OWNER**

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature – Licensed Remover

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature – **CGP**

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date Submitted to DNR

### Current Site Conditions

**Description of the removed UST System and Tank Pit/Piping Trench** (This page may be photocopied if more than 6 tanks were removed)

| Tank Number   | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| Date Tank Removed                                     |   |   |   |   |   |   |
| Date Piping Removed                                   |   |   |   |   |   |   |
| Tank Size (gallons)                                   |   |   |   |   |   |   |
| Tank Length   |   |   |   |   |   |   |
| Tank Diameter   |   |   |   |   |   |   |
| Tank Age (approximately)                              |   |   |   |   |   |   |
| Tank Contents   |   |   |   |   |   |   |
| Tank Construction Material                            |   |   |   |   |   |   |
| Leak Detection Method Used During Active Life of Tank |   |   |   |   |   |   |

Was diesel/waste oil stored at the site?  Yes  No  Unknown

Number of Remaining Tanks: \_\_\_\_\_

Will new USTs be installed at site?  Yes  No

If No, and no tanks remain, what is planned future use of site? \_\_\_\_\_

### Excavation (Tank Pit) Condition

|                                  |  |  |  |  |  |  |
|----------------------------------|--|--|--|--|--|--|
| Surface Staining (Yes/No)        |  |  |  |  |  |  |
| Excavation Depth                 |  |  |  |  |  |  |
| Excavation Length                |  |  |  |  |  |  |
| Excavation Width                 |  |  |  |  |  |  |
| Free Product (Yes/No)            |  |  |  |  |  |  |
| Water in Tank Pit (Yes/No)       |  |  |  |  |  |  |
| Depth to Water                   |  |  |  |  |  |  |
| Sheen on Water (Yes/No)          |  |  |  |  |  |  |
| Composition of Backfill Material |  |  |  |  |  |  |
| Composition of Native Soil       |  |  |  |  |  |  |

### Exterior Tank Condition

|                                  |                          |                          |                          |                          |                          |                          |
|----------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Excellent/Good/Poor              |                          |                          |                          |                          |                          |                          |
| (X all that apply)               |                          |                          |                          |                          |                          |                          |
| General Corrosion                | <input type="checkbox"/> |
| Random Pitting                   | <input type="checkbox"/> |
| Perforations                     | <input type="checkbox"/> |
| Location of perforations on tank | <input type="checkbox"/> |
| Stress-Corrosion Cracking        | <input type="checkbox"/> |

Possible Leak Locations \_\_\_\_\_

### Piping

|  |                              |                             |                                 |       |
|--|------------------------------|-----------------------------|---------------------------------|-------|
| Was diesel/waste oil stored at the site? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | Length of piping removed (feet) | _____ |
| Piping Construction Material             | _____                        |                             |                                 |       |
| Piping Condition                         | _____                        |                             |                                 |       |
| Possible Leak Locations                  | _____                        |                             |                                 |       |

## Tank Cleaning and Disposal

### Tank Cleaning Method Used

## Final Disposition of Sludge and Wastewater

Contractor Responsible for Tank **Cleaning/Disposal** (Name/Address/Phone)

## Tank Disposal Location

| Tank Number   | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| Quantity of Surplus Product<br>Removed From Tanks (gallons) |   |   |   |   |   |   |

### Final Disposition of Surplus Product

## Disposal / Treatment of Backfill

Volume of soils disposed (yds<sup>3</sup> or tons)

Location where soils were disposed or treated (attach copy of land application form if appropriate)

### Soil Analytical Summary (mg/kg)

Complete the table below with soil analytical data for each sample. Attach laboratory analytical results, including completed chain of custody form(s) as Appendix 3.

Was there an odor or soil discoloration seen in any of the soil samples? If so which samples?

Was bedrock present?

Was the backfill returned to the tank pit?

#### Groundwater Analytical Data (ug/L)

Complete the table below with groundwater analytical data for each boring/monitoring well. Attach laboratory analytical results, including completed chain of custody form(s) as Appendix 3.

| Sample ID | Date Sampled | Field Screening | Benzene | Toluene | Ethylbenzene | Xylenes | TEH-Diesel | TEH-Waste Oil |
|-----------|--------------|-----------------|---------|---------|--------------|---------|------------|---------------|
|           |              |                 |         |         |              |         |            |               |
|           |              |                 |         |         |              |         |            |               |
|           |              |                 |         |         |              |         |            |               |
|           |              |                 |         |         |              |         |            |               |

Was there a petroleum sheen or odor noticed from any of the groundwater samples? If so, which samples?

Discussion/Justification Explain how groundwater flow direction was determined, explain variations from UST Closure Guidance (e.g., site limitations, caving, etc.):

Were action levels in soil or groundwater exceeded?  Yes  No

Recommendation: provide a comprehensive evaluation of the sampling data and justification for recommendation.

## Supporting Documentation and Information

Attach these Items to the Closure Report

### Appendix 1. Dimensioned Site Diagram:

- a. Location of all USTs, piping runs and dispenser islands
- b. Sampling locations/identification that correspond to the laboratory analytical reports
- c. Soil boring/monitoring well locations
- d. Location of buildings
- e. Groundwater flow direction
- f. North arrow
- g. Scale of the diagram in feet (or at least provide distances in feet)
- h. Dimensions of excavation pit area
- i. Names of streets/roads adjacent to the site
- j. Location of above ground tanks and piping on the site (include size and contents of ASTs)

### Appendix 2. Soil Boring Logs / Monitoring Well Construction Diagrams

Stratigraphic logs of the boreholes and construction details of the well (see attached log), and disposition of the monitoring well after sampling

### Appendix 3. Laboratory Analytical Results

Certified laboratory analytical results for each sample, including completed chain of custody form(s)

### Appendix 4. Tank Tags

Remove tank tags and return them with closure report

### Appendix 5. Tanks and Tank Cleaning

- a. Tank cleaning/disposal (e.g., signed statement from the party who performed the cleaning service indicating the UST was cleaned, and a certificate of disposal from the receiving facility or bill of sale)
- b. Documentation of sludge/wastewater disposal (e.g., signed statements, copies of permits)
- c. Photographs of the cleaning of the tanks

### Appendix 6. Soil and Water Disposal

- a. Documentation of the proper disposal of contaminated soil (e.g., landfill disposal receipts, weight tickets)
- b. Documentation of the proper disposal of contaminated pit water, including: signed statement of permission from the POTW prior to disposal;
- c. Documentation of wastewater characterized by the POTW, and
- d. Appropriate documentation that the wastewater was accepted by the POTW

### Color Photographs

- a. Photos before excavation
- b. Ends and sides of all tanks
- c. Cleaned interior of tanks
- d. Tank pit floor and sidewalls
- e. Product line
- f. Piping and dispenser trenches
- g. Bedrock if exposed
- h. Sealed product lines that are closed in place
- i. Photos after completion of closure
- j. Descriptions of photos

## **Soil Boring Log And Monitoring Well Construction Diagram for:**