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

UST Registration		**LUST** (if applicable)	

Site Name: _____

Site Address: _____ City: _____ Zip: _____

Contact Person: _____ Phone: _____

Owner Identification

Name: _____ Company: _____

Street: _____ E-mail: _____

City: _____ State: _____ Zip: _____ Phone: _____

Iowa Certified Remover

Name: _____ Iowa Certified 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 – ***Certified 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	☐	☐	☐	☐	☐	☐
Random Pitting	☐	☐	☐	☐	☐	☐
Perforations	☐	☐	☐	☐	☐	☐
Location of perforations on tank	☐	☐	☐	☐	☐	☐
Stress-Corrosion Cracking	☐	☐	☐	☐	☐	☐

Possible Leak Locations _____

Piping

Was diesel/waste oil stored at the site? ☐ Yes ☐ 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 Removed From Tanks (gallons)						

Final Disposition of Surplus Product _____

Disposal / Treatment of Backfill

Volume of soils disposed (yds^3 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.

Sample ID	Date Sampled	Depth of Soil Sample	Field Screening (ppm)	Benzene	Toluene	Ethyl-benzene	Xylenes	TEH Diesel	TEH Waste Oil

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

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Soil Boring Log and Monitoring Well Construction Diagram for:

Facility Name: _____ UST Registration No.: _____ LUST No.: _____

Well Contractor Name: _____ Drilling Method**: _____

Well Contractor Registration Number: _____ Boring Depth (ft) x Diameter (in): _____

Logged by: _____ Ground Surface Elevation (ASL): _____

Start Date: _____ Finish Date: _____ Top of Casing Elevation (ASL): _____

Depth (feet)	Well Construction Details	Sample		PID / FID PPM	USCS	Sample Descriptions: soil, color, classification, observation Example: Silty clay, dark gray, hard, moist, strong odor
		No.	Type*			

***Sample Types:**
Split Spoon (SS)
Continuous Core (CC)

****Drilling Method Options:**
Rotary Auger, Push Probe, Hand Auger, Air drilling, Hollow Stem Auger, Other (Describe)

Symbols to Use:
v – Static Water Level
s – sample collected

Observation Date:					
Time:					
Static Water Level (ASL):					