UST-8

NOTIFICATION FOR ACTIVITIES INVOLVING UNDERGROUND STORAGE TANK SYSTEMS (USTs)

RETURN COMPLETED FORM TO: NC DEQ / DWM / UST SECTION 1646 MAIL SERVICE CENTER RALEIGH, NC 27699-1646 ATTN: REGISTRATION & PERMITTING PHONE (919) 707-8171 FAX (919) 715-1117 http://www.wastenotnc.org/



STATE USE ONLY

County_____

I.D. #

Underground Storage Tank (UST) system owners and operators are required by federal and state law to provide notification for all UST systems that were in the ground on or after May 8, 1986, unless taken out of operation on or before January 1, 1974. In addition, registration of commercial USTs in use on or after January 1, 1989 is necessary to comply with state law (N.C.G.S. 143-215.94C).

A UST system <u>owner</u> is: (a) in the case of a UST system in use on November 8, 1984, or brought into use after that date, any person who owns a UST system used for storage, use, or dispensing of regulated substances; and (b) in the case of any UST system in use before November 8, 1984, but no longer in use on that date, any person who owned such UST immediately before the discontinuation of its use.

A UST system **<u>operator</u>** is any person in control of, or having responsibility for, the daily operation of a UST system.

The primary purpose of this notification form is to obtain and update information on UST system locations, ownership, construction, product stored, leak detection and corrosion protection methods, etc. and to facilitate permitting and the payment of annual operating fees. It is expected that the information provided will be based on reasonably available records, or, in the absence of such records, personal knowledge, belief, or recollection.

Which USTs are included?

Regulated and/or commercial USTs, including the following:

- USTs used to store or resell petroleum product (e.g., motor fuels, jet fuels, waste oil, kerosene, varsol, transmission fluid, mineral spirits, gasohol, etc.)
- Heating oil USTs > 1,100 gallons (gals)
- Farm or residential USTs > 1,100 gals
- Emergency generator USTs
- Hydraulic lift USTs
- Oil-water separator USTs (containing petroleum in amounts > 1% of tank capacity)
- Hazardous substance USTs > 110 gals (e.g., alcohols, naphthalene, dry cleaning fluids, antifreeze, formaldehyde, hexane, etc.)
- Airport Hydrant Fuel Distribution Systems
- USTs with Field Constructed Tanks

Which USTs are excluded?

Certain tanks are not included in these notification requirements. These tanks include the following: small home heating oil and farm tanks (\leq 1,100 gals), large heating oil tanks (> 1,100 gals) if used to heat four or fewer households and located on premises where used, septic tanks, storm water or waste water collection systems, flow-through process tanks, and tanks situated in an underground area (such as a basement, cellar, mine, shaft, vault or tunnel) if the tank is situated upon or above the surface of the floor.

INSTRUCTIONS

Please type or print all items except signature. This form must be completed by an owner or operator for each facility containing UST systems. If more than four (4) UST systems are owned at a facility, photocopy the necessary additional sheets and staple to this form.

Complete se	ections I throug	gh VI.A. and IX	completely	. Then only	complete the a	applicable sections of	VI.B. through VIII.
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I. OWNERSHIP OF UST SYS		II. OPERATOR OF UST SYSTEM Check if same as owner							
Owner Name (Corporation, Individual, Public Agency, or Other Entity)			Operator Name (Corporation, Individual, Public Agency, or Other Entity)						
Contact Name (if not named above)				Contact Name (if not named above)					
Street Address		Street Address							
City		e	Zip Code	City		State	Zip Code		
County		County		1					
Phone Number	Fax Number			Phone Number	Fa	Fax Number			
Email Address		Email Address							
Check here if "Real" Property Ow		Check here if "Real" Property Owner of Site							
Type of UST owner (check all that ap	ply):								
State Gov't Loca	l Gov't] Pri	ivate/Corporate						
Federal Gov't GSA Facility ID									
III. TYPE OF NOTIFICATION	apply)								
 Amendment of a previous registration form. (Complete <u>only</u> the items in the sections that follow that have changed from a previous UST-6 or UST-8 submittal) Temporary closure (Complete section VII) 				 Change of Ownership A "Change of Ownership" form, UST-15 along with copies of the legal documents showing the transfer of tank ownership (e.g., bill of sale, property deed, etc.) must accompany this form. Failure to complete a UST-15 will result in no effective change of ownership status 					
 Existing Facility with UST system not previously registered (see fee payment instructions at the bottom of Page 6). 									

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IV. LOCATION OF UST SYSTEM								
Facility Name or Company		Indicate number o	of regulated tanks at this lo	cation				
Street Address			Indicate number of regulated tanks at this location					
City	Zip Code		ber of tanks at this locatior	·				
				an Indian reservation				
County	Phone Number	or on other Indian lands						
County Tax Map Number:	1	, , ,	Are any UST systems at this facility located Yes No					
Facility ID (if known):		within 500 feet of	within 500 feet of a water supply well?					
V. CONTACT PERSON FOR UST LO	DCATION							
Name	Job Title		Phone Number					
VI. DESCRIPTION OF ALL UST OR	COMPARTMENT S	SYSTEMS AT THIS F						
A. UST Information			-					
Tank/Compartment ID# (e.g., A, B, C or 1, 2, 3; If compartment tank 1A, 1B, 1C, etc.)	Tank No.	Tank No.	Tank No.	Tank No.				
Date of Installation								
Tank Manufacturer								
Tank Model								
Materials of construction ¹								
If Other (specify)								
Field Constructed Tank								
Capacity (gallons) If compartment tank, list compartment size.								
Check if tank is siphon manifolded and enter tank # it is manifolded with.								
Product stored ²								
If Hazardous substance, Chemical Abstract Service (CAS) number								
Other (specify)								
 Enter one of the following in the space provided: D (e.g. ACT-100-U), DW* Steel/Jacketed (e.g., Perm SW** Steel/Polyurethane (e.g., ACT-100-U) *DW = Double-walled **SW = Single-walled *** ² Enter one of the following in the space provided: A Heating Oil, Kerosene, Motor Oil, Other Non-Petro 	hatank, Titan), Öther, SW** FRP = Fiberglass Reinforce viation Gas, Biodiesel (> 20	FRP*** (e.g., Xerxes, Contain d Plastic)%) - Diesel Mix, Diesel, Ethar	ment Solutions), SW** Steel, S	SW** Steel/FRP*** (e.g., ACT-100)				
B. Piping System								
	Tank No.	Tank No.	Tank No.	Tank No.				
Piping Manufacturer								
Piping Model Material of Construction 1								
Material of Construction ¹								
If Other (specify)								
Airport Hydrant System Piping configuration (Pressurized, Suction,								
European Suction, Gravity)								
If suction, check valve located at? (Tank, Dispenser, or Both)								
¹ Enter one of the following in the space provided: D Metal/Plastic (e.g., PetrofuseZP), DW* PVC, DW* *DW = Double-walled **SW = Single-walled ***	Steel, None, Other, SW** C	Copper, SW** Flex, SW** FRP		rcast Red Thread IIA), DW*				

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C. Under Dispenser Containment (UDC)

Enter the dispenser number(s) in each column the "ALL" as the number in column 1 and complete dispensers that have that model UDC.								
	Dispenser #	(s)	Dispenser #	#(s)	Dispenser #	(s)	Dispenser #(s)
UDC Manufacturer								
UDC Model								
Is UDC Single (SW) or Double Walled (DW)? ¹								
Method of monitoring UDC ²								
UDC Material of Construction ³								
If Other (specify)								
¹ Enter one of the following choices: SW (single-	walled) or DW	/ (double-wall	ed)					
² Enter one of the following choices: Sump Sens		•		one				
³ Enter one of the following choices: Plastic, FR								
D. Leak detection (LD) ¹ [Check any box		on of boxes th		er to 15A NCA		0505, and .09		
Mark all that apply	Tank No.		Tank No.		Tank No.		Tank No.	
	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
a. Automatic tank gauging								
b. Manual tank gauging ²								
c. Interstitial monitoring								
i. Method of Monitoring Interstice ¹								
d. Statistical inventory reconciliation								
e. Groundwater monitoring every 14 days ³								
f. Vapor monitoring every 14 days								
g. Automatic line leak detector ⁴								
i. Mechanical line leak detector								
ii. Electronic line leak detector								
h. Periodic line tightness testing								
 Exempt under 40 CFR 280.41 (b) (2) (i)- (iv) (this exemption applies only to "European" suction systems) 								
 Automatic tank gauging and Tank Tightness Testing ⁵ 								
k. Vapor Monitoring with Tracer compound 5								
 Inventory Control per DoD 4140.25 and one of the following: ⁵ 								
i. Tank Tightness Test ⁵								
ii. Line Tightness Test ⁵								
iii. Vapor Monitoring ⁵								
iv. Ground Water Monitoring 5								
m. Other state approved method (specify):								
 Leak detection not required at this facility because: the UST system at this facility is not regulated (e.g., UST system at this facility stores heating oil for onsite use). 								
 Leak detection not required at this facility because: the UST system at this facility is a wastewater treatment tank system (e.g. oil/water separator tank). 								

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D. Leak detection (LD) (Continued)			-		-			
	Tank No.		Tank No.		Tank No.		Tank No.	
Date leak detection method above initiated								
Monitoring console manufacturer/model								
Automatic line leak detector manufacturer /model								
Interstitial sensor manufacturer/model – tank								
Interstitial sensor manufacturer/model – piping								
Interstitial sensor manufacturer/model – spill prevention equipment								
Enter the dispenser number(s) in each column t then enter "ALL" as the number in column 1 and columns with a list of the dispensers that have the	l complete only	y column 1. D	ispensers with	erstitial sensor the same int	r. If all dispens erstitial senso	ser interstitial rs only must b	sensors will be be entered in c	e the same one of the
	Dispenser #	(s)	Dispenser #	#(s)	Dispenser #	(s)	Dispenser #	#(s)
Interstitial sensor manufacturer/model – UDC								
 ¹ Interstitial monitoring leak detection is required for all UST systems installed on or after 11/1/2007. You must enter one of the following choices - Tank: Vacuum, Pressure, or Hydrostatic; Piping: Sump sensor, Vacuum, Pressure, or Hydrostatic. Interstitial monitoring leak detection is also required for all UST systems that store a hazardous substance or that are located between 100 and 500 feet of a public water supply well or between 50 and 100 feet of any other well used for human consumption or within 500 feet of a protected surface water classified as High Quality Water (HQW), Outstanding Resource Water (ORW), Water Supply I (WS-I), Water Supply II (WS-II), or Shell Fishing (SA). (<i>The only exception is for single-walled underground petroleum tanks in the locations described above and installed after January 1, 1991 and before May 1, 2000. Owners and operators of these tanks may use enhanced leak detection as a temporary method until January 1, 2020. Enhanced leak detection consists of 0.2 gallon per hour weekly leak rate tests using an automatic tank gauge plus annual sampling of supply wells within 500 feet for constituents of petroleum.)</i> ² This method is only valid for USTs 550-gallons or less in capacity or USTs 551-1,000 gallons that have a tank diameter of 48 or 64 inches. ³ Can only be used if groundwater is never more than 20 feet from ground surface. ⁴ A mechanical or electronic line leak detector is required for all pressurized piping systems. Additionally, you must either perform annual line tightness testing or conduct a monthly monitoring method (e.g., statistical inventory reconciliation, interstitial monitoring, or 0.1 gallon per hour tests monthly using an electronic line leak detector). ⁵ This method is only valid for Field Constructed Tanks and/or Airport Hydrant Fueling Systems. 								
E. Corrosion protection (CP) [check any method or combination of methods that apply] [Refer to 15A NCAC 2N .0301 and .0302]						1		
	Tank No.		Tank No.		Tank No.		Tank No.	
	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Sacrificial anodes								
Impressed current								
Fiberglass Reinforced Plastic (FRP)								
Flexible Pipe								
Steel/FRP Composite								
Steel/Polyurethane Composite								
Internal lining								
Other (specify)								
None								
Date CP method above installed								
F. Flexible connectors, Submersible pumps, and Riser pipes								
	Tank No.		Tank No.		Tank No.		Tank No.	
	Tank	Dispenser	Tank	Dispenser	Tank	Dispenser	Tank	Dispenser
Flex connector is present ¹								
Flex connector is isolated from the ground ¹								
If "No", cathodic protection method ²								

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1 UST-8 NOTIFICATION FOR ACTIVITIES INVOLVING UNDERGROUND STORAGE TANK SYSTEMS (USTs) F. Flexible connectors, Submersible pumps, and Riser pipes (Cont) Tank No. Tank No. Tank No. Tank No. Tank Tank Dispenser Tank Dispenser Dispenser Tank Dispenser Submersible pump (STP) is isolated from ground ¹ (pressurized piping only) If "No", cathodic protection method ² Riser pipes and/or other metal fittings are isolated from ground 1 If "No", cathodic protection method ² ¹ Enter one of the following choices: Yes, No ² Enter one of the following choices: IC (Impressed Current), SA (Sacrificial Anode), N (None) G. Spill/Overfill Protection Tank No. Tank No. Tank No. Tank No. Spill Prevention Equipment Type (Enter Catchment Basin, None, or Not Required ¹) Spill Prevention Equipment Manufacturer Spill Prevention Equipment Model If double-walled, method of monitoring interstice ² Date spill prevention listed above installed **Overfill Prevention Equipment Type** (Enter Automatic shutoff, Alarm at tank, Ball float ³, None, or Not Required ¹) **Overfill Prevention Equipment Manufacturer Overfill Prevention Equipment Model** Date overfill prevention listed above installed ¹ Not Required is only valid for USTs that are always filled by transfers that are 25 gallons or less. ² Enter one of the following choices : Float sensor, Vacuum, Pressure, Hydrostatic, or None ³ Ball Floats cannot be used with coaxial vapor recovery or suction piping systems. In accordance with 15A NCAC 2N .0301, new ball float vent valves cannot be installed after June 1, 2017. H. Stage I Vapor Recovery (For Gasoline USTs only): Tank No. Tank No. Tank No. Tank No. Combined annual throughput (gallons) Coaxial system Dual point system Vapor recovery is not required for this UST* Date installed Stage I vapor recovery equipment must be installed for all applicable gasoline USTs. [Note: the following gasoline USTs are not required to have Stage I vapor recovery: a) tanks that are 550 gallons in capacity or less; b) tanks that are 2,000 gallons in capacity or less and that were installed before July 1, 1979; and c) tanks at facilities that have a combined annual throughput of less than 50,000 gallons per year]. VII. OUT OF OPERATION UST SYSTEMS Tank No. Tank No. Tank No. Tank No. Date permanently closed (removed or fill with solid, inert material) Date temporary closure began Date temporary closure ended

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VIII. FINANCIAL RESPONSIBILITY (for Regulated Petroleum USTs ONLY)								
The financial responsibility regulations (15A NCAC 20) require that owners and operators of regulated petroleum USTs assure the availability of funds to pay for assessment and cleanup costs in the event of a leaking tank*. The payment of annual tank operating fees into the State Trust Funds fulfills a major portion of the financial responsibility requirements. However, to completely fulfill the requirements, additional funds must be assured by one or more of the mechanisms listed below. The amount of additional financial responsibility required (at a minimum) is the sum of the "3rd Party (\$100,000.00)" and "Cleanup (\$20,000.00)" State Trust Fund deductibles plus \$600/tank (scaling factor). The State Trust Funds <u>may not</u> be used to cover the amount of the deductibles. Federal and state governments owning regulated petroleum UST systems are exempt.								
Tank Owner is providing Financial Responsibility								
Tank Operator is providing Financial Responsibility								
(Check all financial responsibility mechanisms that apply):								
Self-insurance	Escrow account							
Corporate guarantee	Local government bond rating test							
Insurance and risk retention group coverage	Local government financial test							
Policy #	Local government guarantee							
	Local government dedicated fund							
Surety bond	□ None							
Letter of Credit	□ Other							
Insurance pools								
Period of Coverage:	to							
Lon ottoching proof of financial responsibility and a Cartification	n of Financial Decenonalikility form							
I am attaching proof of financial responsibility and a Certification								
I have previously submitted proof of financial responsibility and a Certification of Financial Responsibility form to DWM and there have been NO								
changes made since that submittal.								
IX. CERTIFICATION AND ACKNOWLEDGEMENT (Read and Sign After Completing Sections I - VII)								
I certify, under penalty of law, that I have personally examined and am familiar with the information submitted in this and all attached documents; and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete. In addition, I certify that all applicable State and Federal UST requirements have been complied with.								
If signing as an officer of a corporation, representative of a public agency, administrator of an estate, or as having power of attorney, you must provide a copy of the legal document that proves you can legally sign in such capacity.								
The owner must certify if providing financial responsibility.								
Print Name of Owner or Authorized Representative	Print Title of Owner or Authorized Representative							
Signature	Date Signed							
	200 0.9.00							
The operator must certify if providing financial responsibility.								
Print Name of Operator or Authorized Representative	Print Title of Operator or Authorized Representative							
Signature	Date Signed							
Penalties: Pursuant to N.C.G.S.143-215.94W any UST system owner or operator who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 per day, per violation.								
PAYMENT OF A	ANNUAL UST OPERATING FEES							
If this form is being used to notify DWM of USTs whi	ch have not been previously registered, annual operating fees may be due.							
	171 to determine the amount of fees that are due.							
A check (made payable to DEQ-UST) for the annual operating fees must be submitted with this form								

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