## **UST-27**

## **Monthly Walkthrough Inspections**



- > This form must be used to document the monthly walkthrough inspections. Only complete the sections that apply to your facility.
- Inspect the applicable items below for your site. If an item is not applicable, then choose **N/A**. Enter the month and day of the inspection below the month along with inspectors first initial and last name. If no problem is observed, then mark **P** (Pass). If a problem is observed, then mark **F** (Fail). If **Fail**, indicate what action was taken and date it was taken to repair the issue in the table at bottom of form or attach documentation of any repairs.
- Inspections may be conducted in accordance with PEI RP 900, "Recommended Practices for the Inspection and Maintenance of UST Systems".

UST FACILITY	1							Year
Facility ID#:			Facili	ty Name				
By entering your (as incorporated	name below, you certify, undo by 15A NCAC 2N .0407).	er penalty of law, that	he inspection d	ata provided on this form	documents the UST sys	tem equipment was chec	cked in accordance	with 40 CFR 280.36
ALL TANKS		Month/Day						
		First Initial Last Name						
	No dirt, trash, water, or prod spill-containment manhole	uct in the						
Spill Containment Manhole (Spill Bucket)	No cracks, bulges, or holes in the spill-containment manhole. For metal buckets, no significant corrosion/pitting							
If a UST system receives deliveries	All clamps and rings that seal bucket around fill riser are tight							
at an interval greater than every	No obstructions inside the fill pipe.							
30 days, then check prior to delivery.	Fill cap in good condition and seals tightly on fill pipe.							
·	For double-walled spill prevention equipment with interstitial monitoring, check for a leak in the interstitial area.							
LEAK DETEC	TION							
	The power is on and console	e operational						
Electronic Monitoring Console	There are no warning or alablinking or lit	There are no warning or alarm lights blinking or lit						
Consolic	The printer has paper and is condition	s in working						
Automatic Tank	Liquid measurement taken for and the reading appears according							
Gauge (ATG)	Passing tank test report prin	ited and filed						

Monthly Piping Leak Detection with Electronic Line Leak Detectors	Passing piping leak test report printed and properly filed							
				ENTAL QUALITY, DIVISI 46 PHONE (919) 707-8		EMENT, UST SECTION http://www.wastenotno	c.org	2/2018
UST-27 Page 1B			Environmental Quality					
UST FACILITY	Y						Yea	ar
Facility ID#:			Facility	y Name				
	name below, you certify, unc 15A NCAC 2N .0407).	der penalty of la	w, that the inspection da	ta provided on this form	documents the UST syst	em equipment was chec	ked in accordance with	40 CFR 280.36 (as
ALL TANKS		Month/Day						
		First Initial Last Name						
	No dirt, trash, water, or proc spill-containment manhole	duct in the						
Spill Containment Manhole (Spill Bucket)	No cracks, bulges, or holes containment manhole. For no significant corrosion/pitti	metal buckets,						
If a UST system receives deliveries	All clamps and rings that se around fill riser are tight	eal bucket						
at an interval greater than every	No obstructions inside the f	îll pipe.						
30 days, then check prior to delivery.	Fill cap in good condition artightly on fill pipe.	nd seals						
,	For double-walled spill prevequipment with interstitial methods for a leak in the intersection.	nonitoring,						
LEAK DETEC	TION							
	The power is on and conso	le operational						
Electronic Monitoring Console	There are no warning or ala blinking or lit	arm lights						
	The printer has paper and i condition	s in working						
Automatic Tank	Liquid measurement taken and the reading appears ac	for each tank ccurate						
Gauge (ATG)	Passing tank test report prin	nted and filed						

Monthly Piping Leak Detection with Electronic Line Leak Detectors	on Pas	ssing piping leak te d properly filed	est report printed								
In the following	ng table, ex	plain actions taken	to fix issues:								
Date	Action T	Гаken									
NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WASTE MANAGEMENT, UST SECTION 1646 MAIL SERVICE CENTER, RALEIGH, NC 27699-1646 PHONE (919) 707-8171 FAX (919) 715-1117 <a href="http://www.wastenotnc.org">http://www.wastenotnc.org</a> 2/2018								2/2018			
UST-27 Page 2A  Monthly Walkthrough Inspections  Figure 2A									Revironmental Quality		
UST FACI	ILITY									Year	
Facility ID#:					cility Name						
		ne below, you certif NCAC 2N .0407).	fy, under penalty of	law, that the inspecti	on data provide	ed on this form	documents the UST sys	stem equipment was che	cked in accordance	e with 40 CFF	R 280.36 (as
LEAK DE	TECTIO	ON (CONT)	Month/Day								
			First Initial Last Name								
Interstitial Monitoring – Electronic	Pas Hist filed	ssing Sensor Status tory reports printed d	s and Alarm and properly								
Statistical Inventory	pres	ik checked for wate sent, and monthly l orded.									
Reconciliation (SIR)	Las	This month's inventory analyzed; Last month's results passed and available for inspection									
Interstitial		Interstice: Interstitecked and found dry									
Monitoring for Tanks - Manua	r Brin	ne filled interstice: le nitoring fluid within									
	Vac	cuum level is within	tolerances								
Interstitial Monitoring for Piping - Manu	Containment sump (STP, Transition, Dispenser) inspected and no liquid found										

Manual Tank Gauging	This month's inventory analyzed; Results compared to Weekly/ Monthly standard. Last month's results passed and available for inspection														
Manual Groundwater (GWM) or Soil- Vapor Monitoring (SVM)	Wells sampled and re	sults passed													
CORROSION I	PROTECTION (Ente	er N/A or leave	every other	month bla	nk if checking	g every 60 (	days or leave se	ction bla	nk if you kee	p a separa	te log)				
	Volt and/or Amp "As	S LEFT" value	es from last	corrosion t	est (UST-7B	page 2):	V		Α						
Impressed- Current Cathodic Protection (at least every 60 days)	Record volt and amp	readings	V	А	V	А	V	А	V	А	V	Д	\ V		Α
	Volt and amp readings changed more than 20 triennial test?	s have not 0% from last													
	Record hour meter reading (if present). Reading increases by about 700 hours each month.			Hrs		Hrs	Hrs			Hrs		Hrs		Hrs	
							IVISION OF WAS 707-8171 FAX (9							2/20	)18
UST-27 Page 2B				N	onthly V	Valkthro	ough Inspe	ections	•					Enviro. Ou	nmental sality
UST FACILIT	Y											Ye	ar		
Facility ID#:				Fa	acility Name										
	r name below, you certi 15A NCAC 2N .0407).	fy, under penal	ty of law, that	the inspecti	on data provid	ded on this f	orm documents t	the UST sy	ystem equipn	nent was ch	ecked in acco	ordance with	1 40 CFR 280.	36 (as	
LEAK DETEC	CTION (CONT)	Month/Day													
		First Initial Last Name													
Interstitial Monitoring – Electronic	Passing Sensor Statu History reports printed filed														
Statistical Inventory	Tank checked for water present, and monthly recorded.														
Reconciliation (SIR)	This month's inventor Last month's results p available for inspectio	assed and													
	Dry Interstice: Interstitial space checked and found dry														

Airport Hydrant Systems  Alignar Hydrant Hydrant Systems  Alignar Hydrant Hydra																			
Interstitial Monatoring for Monatoring for Monatoring for Prignary - Manual Van Capture (Company of the Company	Monitoring for																		
Manual Tank Manual Manual Tank Manual Manua		Vacuum level is within	tolerances																
Manual Tank Gauging Mesults compared to Weekly' Monthly standard. Last month's results passed and available for inspection Manual Wells sampled and results passed Well and/or Amp "AS LEFT" values from last corrosion test (UST-7B page 2): V A  Record volt and amp readings V A V A V A V A V A V A V A V A V  Record volt and amp readings have not branged most han 20% from last tennal test  Record hour meter reading (if present). Reading increases by this hard with the second month.  NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WASTE MANAGEMENT, UST SECTION 1846 MAIL SERVICE CENTER, RALEIGH, NO 27699-1646. PHONE (919) 707-8171 FAX (919) 715-1117 http://www.wastenotic.org  UST-27 Page 3  Wonthly Walkthrough Inspections  By entering your name below, you certify, under penalty of law, that the inspection data provided on this form documents the UST system equipment was checked in accordance with 40 CFR 280.3t incorporated by 15A NCAC 24.0407.  HYDRANT SYSTEMS  Monthly Amport Hydrant plats. Visually under penalty of law, that the inspection data provided on this form documents the UST system equipment was checked in accordance with 40 CFR 280.3t incorporated by 15A NCAC 24.0407.  HYDRANT SYSTEMS  Monthly Walkthrough Inspections  Alport Hydrant plats. Visually inspected and on the start penalty of law, that the inspection data provided on this form documents the UST system equipment was checked in accordance with 40 CFR 280.3t incorporated by 15A NCAC 24.0407.  HYDRANT SYSTEMS  Monthly Walkthrough Inspections  Alport Hydrant plats. Visually inspected and on the start penalty of law, that the inspection of the start penalty of law, that the inspection data provided on this form documents the UST system equipment was checked in accordance with 40 CFR 280.3t incorporated by 15A NCAC 24.0407	Monitoring for	Transition, Dispenser)																	
Groundwater (GWM) or Soil- (GWM) or		Results compared to V Monthly standard. Last results passed and ava	Veekly/ t month's																
Volt and/or Amp "AS LEFT" values from last corrosion test (UST-7B page 2): V A   Record volt and amp readings   V A V A V A V A V A V A V A V A V A V	Groundwater (GWM) or Soil- Vapor Monitoring	Wells sampled and res	sults passed																
Record volt and amp readings	CORROSION I	PROTECTION (Ente	r N/A or leave	every other	month bla	ınk if checkin	g every	60 c	days or leave	section	on bla	nk if you ke	ep a separa	ite log)					
Impressed-Current Cathodic Current Cathodic (least every 60 days)  Wolt and amp readings have not changed more than 20% from last triemnal test?  Record hour meter reading (if present), Reading increases by about 700 hours each month.  NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WASTE MANAGEMENT, UST SECTION 1646 MAIL SERVICE CENTER, RALEIGH, NC 27699-1646 PHONE (919) 707-8171 FAX (919) 715-1117 http://www.wastenolnc.org  WST-27 Page 3  UST FACILITY  Facility ID#:  By entering your name below, you certify, under penalty of law, that the inspection data provided on this form documents the UST system equipment was checked in accordance with 40 CFR 280.36 incorporated by 15A NCAC 2N.0407).  HYDRANT SYSTEMS  Month/Day  First Initial Last Name  Airport Hydrant Systems  Hydrant pits: Visually inspected and no damage documented.  Hydrant pits: Visually inspected and no damage documented.  Hydrant pits: No dirt, trash, water, or profit in the Hydrator tift in the Hydrator tift.		Volt and/or Amp "AS	S LEFT" value	s from last	corrosion	test (UST-7E	3 page 2	2):	V	/		А							
Current Cathodic Protection (at least every 60 days)    Record hour meter reading (if present). Reading increases by about 700 hours each month.   Hrs   Hrs		Record volt and amp readings		V	А	· V		Α	V		Α	V	A	V		Α	V		Α
Record hour meter reading (if present). Reading increases by about 700 hours each month.  NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WASTE MANAGEMENT, UST SECTION 1646 MAIL SERVICE CENTER, RALEIGH, NC 27699-1646 PHONE (919) 707-8171 FAX (919) 715-1117 http://www.wastenotnc.org  WST-27 Page 3  Wonthly Walkthrough Inspections  Facility ID#:  By entering your name below, you certify, under penalty of law, that the inspection data provided on this form documents the UST system equipment was checked in accordance with 40 CFR 280.36 incorporated by 15A NCAC 2N .0407).  HYDRANT SYSTEMS  Month/Day  First Initial Last Name  Airport Hydrant Systems  Hydrant pits: Visually inspected and no damage documented. Hydrant pits: No dirt, trash, water, or or predict in the Hydrant pits of transport in the Hydrant pits of the control	Current Cathodic Protection (at	changed more than 20% from last													-				
Wonthly Walkthrough Inspections  Was Facility ID#:  By entering your name below, you certify, under penalty of law, that the inspection data provided on this form documents the UST system equipment was checked in accordance with 40 CFR 280.36 incorporated by 15A NCAC 2N .0407).  HYDRANT SYSTEMS  Month/Day  First Initial Last Name  Airport Hydrant Systems  Hydrant pits: Visually inspected and no damage documented.  Hydrant pits: No dirt, trash, water, or product in the Hydrant nit.  PHORE (919) 707-8171 FAX (919) 715-1117 http://www.wasstenotnc.org  Monthly Walkthrough Inspections  Facility Name  Facility Name  Facility Name  Hydrant pits: Visually inspected and no damage documented.  Hydrant pits: No dirt, trash, water, or product in the Hydrant nit.		present). Reading incre	eases by		Hrs		Hrs		ŀ	Hrs			Hrs		Hrs			Hrs	
Page 3  UST FACILITY  Facility ID#:  By entering your name below, you certify, under penalty of law, that the inspection data provided on this form documents the UST system equipment was checked in accordance with 40 CFR 280.30 incorporated by 15A NCAC 2N .0407).  HYDRANT SYSTEMS  Month/Day  First Initial Last Name  Airport Hydrant pits: Visually inspected and no damage documented.  Hydrant pits: No dirt, trash, water, or product in the Hydrant pit.		NORTH 1646 MAIL S	I CAROLINA D SERVICE CEN	EPARTMEN <sup>®</sup> TER, RALEI	T OF ENVII GH, NC 276	RONMENTAL 899-1646 PH	QUALITY ONE (91	Y, D 9) 7	VIVISION OF V 707-8171 FAX	WASTE ( (919)	MAN. 715-1	AGEMENT, I 117 http://w	JST SECTI	ON otnc.org		<u> </u>		2/20	018
By entering your name below, you certify, under penalty of law, that the inspection data provided on this form documents the UST system equipment was checked in accordance with 40 CFR 280.36 incorporated by 15A NCAC 2N .0407).  HYDRANT SYSTEMS  Month/Day  First Initial Last Name  Airport Hydrant Systems  Hydrant pits: Visually inspected and no damage documented.  Inspect Annually  Hydrant pits: No dirt, trash, water, or product in the Hydrant pit.					ı	Monthly \	Nalkth	hrc	ough Ins	pecti	ions	•						Enviro	onmental uality
By entering your name below, you certify, under penalty of law, that the inspection data provided on this form documents the UST system equipment was checked in accordance with 40 CFR 280.36 incorporated by 15A NCAC 2N .0407).  HYDRANT SYSTEMS  Month/Day  First Initial Last Name  Airport Hydrant Systems  Hydrant pits: Visually inspected and no damage documented.  Hydrant pits: No dirt, trash, water, or product in the Hydrant pit.  Hydrant pits: No dirt, trash, water, or product in the Hydrant pit.	UST FACILIT	Υ														Yea	r		
incorporated by 15A NCAC 2N .0407).  HYDRANT SYSTEMS  Month/Day  First Initial Last Name  Airport Hydrant Systems  Hydrant pits: Visually inspected and no damage documented.  Hydrant pits: No dirt, trash, water, or product in the Hydrant pit.	Facility ID#:				F	acility Name													
First Initial Last Name  Airport Hydrant Systems  Hydrant pits: Visually inspected and no damage documented.  Hydrant pits: No dirt, trash, water, or product in the Hydrant pit.	By entering you incorporated by	r name below, you certif 15A NCAC 2N .0407).	y, under penalt	y of law, that	the inspec	tion data provi	ded on th	nis f	form documen	its the l	UST s	ystem equipr	nent was cl	necked in acc	ordanc	e with	40 CFR 280.	36 (as	
Airport Hydrant Systems  Hydrant pits: Visually inspected and no damage documented.  Hydrant pits: No dirt, trash, water, or product in the Hydrant pit.	HYDRANT SY	YSTEMS	Month/Day																
Systems and no damage documented.  Hydrant pits: No dirt, trash, water, or product in the Hydrant pit.																			
Inspect Annually or product in the Hydrant pit																			
II OOTH LEV OLLY	Inspect Annually if OSHA 29 CFR	Hydrant pits: No dirt, t or product in the Hydra	rash, water, ant pit.																

1910 confined space entry	Hydrant pits: No leak the hydrant pit.	s observed in						
required, otherwise insp monthly.		: Checked one found.						
	111 0							
HYDRANT	SYSTEMS	Month/Day						
Airport Hydran Systems	Hydrant pits: Visually and no damage docu							
Inspect Annual	Hydrant pits: No dirt, or product in the Hyd	trash, water, rant pit.						
1910 confined space entry required,	Hydrant pits: No leak the hydrant pit.	s observed in						
otherwise insp monthly.	Hydrant piping vaults piping for leaks and r	: Checked one found.						
In the following	table, explain actions take	n to fix issues:						
Date	Action Taken							
	NOR 1646 MAI	TH CAROLINA L SERVICE CE	DEPARTMENT OF ENVI	RONMENTAL QUALITY, 699-1646 PHONE (919)	DIVISION OF WASTE MA ) 707-8171 FAX (919) 715	NAGEMENT, UST SECTI -1117 http://www.wasten	ON otnc.org	2/2018
UST-27 Page 4			N	onthly Walkthr	ough Inspections	S		Environmental Quality
In the following	table, explain actions take	n to fix issues:						
Date	Action Taken							

NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WASTE MANAGEMENT, UST SECTION  1646 MAIL SERVICE CENTER, RALEIGH, NC 27699-1646 PHONE (919) 707-8171 FAX (919) 715-1117 http://www.wastenotnc.org	18