

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

Year

Facility ID#:

Facility Name

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 (as incorporated by 15A NCAC 2N .0407).

ALL TANKS

		Month/Day					
		First Initial Last Name					
Spill Containment Manhole (Spill Bucket) If a UST system receives deliveries at an interval greater than every 30 days, then check prior to delivery.	No dirt, trash, water, or product in the spill-containment manhole						
	No cracks, bulges, or holes in the spill-containment manhole. For metal buckets, no significant corrosion/pitting						
	All clamps and rings that seal bucket around fill riser are tight						
	No obstructions inside the fill pipe.						
	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 DETECTION

Electronic Monitoring Console	The power is on and console operational						
	There are no warning or alarm lights blinking or lit						
	The printer has paper and is in working condition						
Automatic Tank Gauge (ATG)	Liquid measurement taken for each tank and the reading appears accurate						
	Passing tank test report printed and filed						

Monthly Piping Leak Detection with Electronic Line Leak Detectors	Passing piping leak test report printed and properly filed						
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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>

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UST FACILITY		Year
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ALL TANKS	Month/Day						
	First Initial Last Name						
Spill Containment Manhole (Spill Bucket) If a UST system receives deliveries at an interval greater than every 30 days, then check prior to delivery.	No dirt, trash, water, or product in the spill-containment manhole						
	No cracks, bulges, or holes in the spill-containment manhole. For metal buckets, no significant corrosion/pitting						
	All clamps and rings that seal bucket around fill riser are tight						
	No obstructions inside the fill pipe.						
	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 DETECTION							
Electronic Monitoring Console	The power is on and console operational						
	There are no warning or alarm lights blinking or lit						
	The printer has paper and is in working condition						
Automatic Tank Gauge (ATG)	Liquid measurement taken for each tank and the reading appears accurate						
	Passing tank test report printed and filed						

Monthly Piping Leak Detection with Electronic Line Leak Detectors	Passing piping leak test report printed and properly filed						
-------------------------------------------------------------------	------------------------------------------------------------	--	--	--	--	--	--

In the following table, explain actions taken to fix issues:

Date	Action Taken

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LEAK DETECTION (CONT)

Month/Day

**First Initial
Last Name**

Interstitial Monitoring – Electronic	Passing Sensor Status and Alarm History reports printed and properly filed						
Statistical Inventory Reconciliation (SIR)	Tank checked for water, no water present, and monthly levels recorded.						
	This month's inventory analyzed; Last month's results passed and available for inspection						
Interstitial Monitoring for Tanks - Manual	Dry Interstice: Interstitial space checked and found dry						
	Brine filled interstice: level of monitoring fluid within normal range						
	Vacuum level is within tolerances						
Interstitial Monitoring for Piping - Manual	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 results passed													

CORROSION PROTECTION (Enter N/A or leave every other month blank if checking every 60 days or leave section blank if you keep a separate log)

Impressed-Current Cathodic Protection (at least every 60 days)	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
	Volt and amp readings have not changed more than 20% from last triennial test?												
	Record hour meter reading (if present). Reading increases by about 700 hours each month.	Hrs		Hrs		Hrs		Hrs		Hrs		Hrs	

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LEAK DETECTION (CONT)	Month/Day						
	First Initial Last Name						
Interstitial Monitoring – Electronic	Passing Sensor Status and Alarm History reports printed and properly filed						
Statistical Inventory Reconciliation (SIR)	Tank checked for water, no water present, and monthly levels recorded.						
	This month's inventory analyzed; Last month's results passed and available for inspection						
Interstitial	Dry Interstice: Interstitial space checked and found dry						

1910 confined space entry required, otherwise inspect monthly.	Hydrant pits: No leaks observed in the hydrant pit.						
	Hydrant piping vaults: Checked piping for leaks and none found.						

HYDRANT SYSTEMS

HYDRANT SYSTEMS	Month/Day						
	First Initial Last Name						
Airport Hydrant Systems	Hydrant pits: Visually inspected and no damage documented.						
Inspect Annually if OSHA 29 CFR 1910 confined space entry required, otherwise inspect monthly.	Hydrant pits: No dirt, trash, water, or product in the Hydrant pit.						
	Hydrant pits: No leaks observed in the hydrant pit.						
	Hydrant piping vaults: Checked piping for leaks and none found.						

In the following table, explain actions taken to fix issues:

Date	Action Taken

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