



30 DAY INSPECTION OF PIPING AND DISPENSER SUMPS

Interstitial monitoring is a method of detecting leaks in the underground storage tank (UST) systems that have double-walled piping. It requires that the operator monitor the piping and dispenser sumps for evidence of leaks. Sensors can be placed in piping and dispenser sumps to alarm the operator if a leak has occurred. However, if a sensor is not present in a piping or dispenser sump, the sump must be visually inspected at least once every 30 days for evidence of a leak.

Use this form to record that the piping and dispenser sumps have been inspected every 30 days.

If the sump has a sensor that can detect liquid, write "Yes" in the sump sensor box on the "30 Day Inspection of Piping and Dispenser Sumps Record." Next, determine the status of the sump sensor and record the result. Typically, you can check the status of the sensor on your automatic tank gauging console. Some consoles will allow you to print out the status of the sensor. Other consoles will only display the status on the console and will not allow you to print it.

Operators that use interstitial monitoring as a form of leak detection on the piping system and do not have sump sensors that can detect liquid, must visually inspect the sump at least every 30 days. Write "No" in the sump sensor box on the "30 Day Inspection of Piping and Dispenser Sumps Record" and record that you visually inspected the sump.

During the inspection, remove any water, fuel or debris found in a sump. If fuel is present in the sump, it may indicate a leak. You will need to remove the fuel and investigate why there is fuel in the sump. You will also need to call the North Dakota Department of Health, UST program at 701.328.5166 to report the suspected release. If water or fuel is found in the sump, indicate in the comments section that it is present and the steps taken to remedy the situation.

North Dakota Department of Health UST Program
30 DAY INSPECTION OF PIPING AND DISPENSER SUMP RECORD

Fill in the date, if the sump has a sensor and the results of the monthly leak check. If you are visually checking the sumps, write the results of the check (i.e., dry or if fuel or water is found). If a sump sensor is present in the sump, write that the sump alarm was checked and print a copy of the sensor status on your ATG console.

Facility Name:	Facility Location Address:	ND UST Facility ID:
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	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Date of Inspection												

Sump Sensor?
(Y/N)

Piping Sump ID	1													
	2													
	3													
	4													
	5													
	6													
	7													
	8													
	9													
	10													
	11													
	12													
	13													
	14													
	15													

Dispenser Sump ID	1													
	2													
	3													
	4													
	5													
	6													
	7													
	8													
	9													
	10													
	11													
	12													
	13													
	14													
	15													