UST Monthly Electronic Interstitial Monitoring

- This form may be used to document electronic interstitial monitoring of secondarily contained UST systems.
- Interstitial monitoring is required on all secondarily contained UST systems installed after November 28, 2007.
- You must maintain a monthly written record that electronic interstitial monitoring has been conducted by using this form or printouts from your Automatic Tank Gauging (ATG) system or other monitoring system.

UST REGISTRATION		LUST (IF APPLICABLE)	
UST Site Name:			
Site Address:	City:		Zip:
Contact Person:		Phone:	

PERSON CONDUCTING MONITORING (IF DIFFERENT FROM ABOVE)

Name:	Company:
Street:	Email:
City: State:	Zip: Phone:
Person's Signature:	Date:

Electronic Interstitial Monitoring

UST System Components Electronically Monitored (check all that apply)
☐ Double-walled Tank ☐ Double-walled Pipe ☐ STP Sump ☐ Dispenser Sump ☐ Transition Sump

Interstitial Space:
☐ Atmospheric (dry) ☐ Hydrostatically Monitored (Brine Filled) ☐ Vacuum Monitored ☐ Pressure Monitored

Type of Electronic Device
☐ Float Switch ☐ Optical ☐ Electrical Resistivity ☐ Other (specify):

IOWA DNR ELECTRONIC INTERSTITIAL MONITORING PROCEDURE

In order to document compliance with the Electronic Interstitial Monitoring requirements, you must document all three of the following:

1. Sensors are connected to console and functional. If your monitoring system is capable of producing a "Sensor Status" report, retain a copy for your monthly record. You may also attach the copy of the report to this form.
2. Alarms that have occurred have been documented. If your monitoring system is capable of producing an "Alarm History" report, print the reports and retain a copy for your records. You many also attach the copy of the report to this form.
3. Alarms have been satisfactorily reconciled. If your monitoring system is capable of producing an "Alarm Reconciliation" report, print the reports and retain a copy for your records. You may also attach a copy of the report to this form.

If your monitoring system is capable of producing records of items 1-3 above, this form is not required. However, you may still want to use it to help you document secondary containment monthly monitoring. Monitoring records must be kept on site or readily available.

Monitoring Results* for the Month of _____ Year_____ *Monitoring results for Tank and Dispenser are separate						
Tank Number						
Product Stored (use key below)						
Component monitored: Tank/Pipe/Sump	☐ Tank ☐ Pipe ☐ STP Sump ☐ Transition Sump ☐ UDC	☐ Tank ☐ Pipe ☐ STP Sump ☐ Transition Sump ☐ UDC	☐ Tank ☐ Pipe ☐ STP Sump ☐ Transition Sump ☐ UDC	☐ Tank ☐ Pipe ☐ STP Sump ☐ Transition Sump ☐ UDC	☐ Tank ☐ Pipe ☐ STP Sump ☐ Transition Sump ☐ UDC	☐ Tank ☐ Pipe ☐ STP Sump ☐ Transition Sump ☐ UDC
Sensors connected to control panel and functional	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Have there been any alarms for this month? If "Yes," complete alarm log below.	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Dispenser Number						
Sensors connected to control panel and functional	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Have there been any alarms for this month? If "Yes," complete alarm log below.	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No

KEY: G – Gasoline   D – Diesel   K – Kerosene   E10   E15   E85   B – Biodiesel   MO – Motor Oil   H – Hazardous Substance   J – Jet Fuel   A-Av Gas

Alarm Log			
Date of Alarm	**Cause of Alarm**	**How was Alarm Reconciled?**	**Release reported to DNR?**
			☐ Yes ☐ No
			☐ Yes ☐ No
			☐ Yes ☐ No
			☐ Yes ☐ No
			☐ Yes ☐ No
			☐ Yes ☐ No
			☐ Yes ☐ No
			☐ Yes ☐ No
			☐ Yes ☐ No
			☐ Yes ☐ No
			☐ Yes ☐ No
			☐ Yes ☐ No
			☐ Yes ☐ No

If a release needs to be reported to the Iowa DNR, please call 515-725-8694.