

# Continuous Release Reporting for Farms

ID Number  
(CR-ERNs or Other)

## SECTION III: SUBSTANCE INFORMATION

### Calculation of the SSI Trigger

Use this form if you have hazardous substance releases to air, other than ammonia or hydrogen sulfide.

For EACH hazardous substance indicated in Section II, Part C, list the names of the releasing animal waste source(s) and their upper bounds.

To calculate the SSI trigger (i.e., the upperbound of the normal range of a release) for the hazardous substance identified below, aggregate the upper bounds of the normal range of the identified hazardous substance across all animal waste sources identified in Section II, Part C.

<b>Hazardous Substance</b>	<input type="text"/>
Animal Waste Source	<input type="text"/> Upper Bound of the Normal Range of the Release in Pounds <input type="text"/>
Animal Waste Source	<input type="text"/> Upper Bound of the Normal Range of the Release in Pounds <input type="text"/>
Animal Waste Source	<input type="text"/> Upper Bound of the Normal Range of the Release in Pounds <input type="text"/>
Animal Waste Source	<input type="text"/> Upper Bound of the Normal Range of the Release in Pounds <input type="text"/>
<b>TOTAL - SSI trigger for hazardous substance release*</b>	
_____	

<b>Hazardous Substance</b>	<input type="text"/>
Animal Waste Source	<input type="text"/> Upper Bound of the Normal Range of the Release in Pounds <input type="text"/>
Animal Waste Source	<input type="text"/> Upper Bound of the Normal Range of the Release in Pounds <input type="text"/>
Animal Waste Source	<input type="text"/> Upper Bound of the Normal Range of the Release in Pounds <input type="text"/>
Animal Waste Source	<input type="text"/> Upper Bound of the Normal Range of the Release in Pounds <input type="text"/>
<b>TOTAL - SSI trigger for hazardous substance release*</b>	
_____	

*\*This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance occur simultaneously. To the extent that a hazardous substance is released from your farm from different animal waste sources and at different frequencies, you may adjust the SSI trigger as appropriate so that it more accurately reflects the frequency and quality of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all animal waste sources of the release at the farm. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.*

**INSTRUCTIONS**  
**SECTION III: SUBSTANCE INFORMATION**

Use this form if you have hazardous substance releases to air, other than ammonia or hydrogen sulfide.

**ID Number (CR-ERNS or Other):**

*The **CR-ERNS number** is not required for this submission; however, if you choose to use the CR-ERNS number as an ID number call the National Response Center (NRC) 1-800-424-8802 and state that you are making an Initial Telephone Notification.*

*The **Other number** can be obtained from the State Emergency Response Commission (SERC) and/or Local Emergency Planning Committee (LEPC).*

*The **ID Number** is for identification purposes only and may or may not be required by your SERC and/or LEPC.*

**Statistically Significant Increase (SSI) Notification** - *An **SSI** is any episodic release of a hazardous substance that exceeds the release quantity delineated in the upper bound of the normal range of the farm's continuous release report. The normal range is defined to include all the releases of a hazardous substance (from all animal waste sources) occurring over any 24-hour period under normal operating conditions during the preceding year. Only those releases that are both continuous and stable in quantity and rate may be included in the normal range. The aggregated upper bounds of the normal range of each hazardous substance is referred to as the "SSI Trigger."*

*An **SSI** in a continuous release of a hazardous substance must be reported to the SERC and LEPC as soon as the person in charge is aware that the release exceeds the **SSI** trigger. Because an **SSI** is a type of episodic release, it is treated as such.*

*It may be possible to adjust the **SSI** trigger (i.e., change the normal range of the release) if a particular continuous release frequently exceeds the upper bound of the normal range.*

**Calculation of the SSI Trigger for a Hazardous Substance**

<u>Hazardous Substance (HS)</u>	<u>Source</u>	<u>Upper Bound</u>	
Name of HS	Barn #1	120 lbs	For purposes of this example, it is assumed that the only sources of the hazardous substance release at the farm are Barn #1, Lagoon #1, and Manure Pile #1.
	Lagoon #1	115 lbs	
	Manure Pile #1	130 lbs	
	Upper Bound for HS	<u>365 lbs</u>	