

## Continuous Release Reporting for Farms

ID Number  
(CR-ERNS)

### SECTION II: ANIMAL WASTE SOURCE INFORMATION

Use this form if you are reporting ammonia or hydrogen sulfide releases to air from animal wastes.

#### Part B: Specific Information on the Animal Waste Source

For the animal waste source identified below, provide the following information. Please provide a SEPARATE sheet for EACH animal waste source.

Name of Animal Waste Source:

Air Releases of Hazardous Substances from Animal Waste at Farms – Area Source (indicate or describe surface area)

#### Part C: Identity and Quantity of Each Hazardous Substance Released to the Air from Each Animal Waste Source

AT THIS TIME, EPA does not endorse any specific methodology for calculating the amount of hazardous substance releases to the air from animal waste. You should contact your industry association for assistance.

##### Normal Range (pounds/24 hours)

**Ammonia** CASRN: 7664-41-7 Upper Bound  Number of Days Release Occurs/Yr.

Lower Bound  Total Pounds Released in Previous Yr.

Months of the Release (check all that apply)  January  February  March  April  May  June  
 July  August  September  October  November  December  
 ALL MONTHS, check here

##### Normal Range (pounds/24 hours)

**Hydrogen Sulfide** CASRN: 7873-06-4 Upper Bound  Number of Days Release Occurs/Yr.

Lower Bound  Total Pounds Released in Previous Yr.

Months of the Release (check all that apply)  January  February  March  April  May  June  
 July  August  September  October  November  December  
 ALL MONTHS, check here

## INSTRUCTIONS

### SECTION II: ANIMAL WASTE SOURCE INFORMATION (PARTS B and C)

*Use this form if you are reporting ammonia or hydrogen sulfide releases to air from animal wastes.*

#### **ID Number (CR-ERNS)**

The CR-ERNS Number is required for this submission. NRC will assign a CR-ERNS number for your farm when you make the initial notification.

#### **Part B - Specific Information on the Animal Waste Source**

You must provide specific information on the animal waste source of the hazardous substances(s) released to the air.

#### **Part C - Identity and Quantity of Each Hazardous Substance Released to the Air from Each Animal Waste Source**

For each animal waste source, you must report information about the identity and quantity of the hazardous substances released to the air from the source. In particular, you must identify the normal range of each release and the total annual quantity released during the previous year from each animal waste source.

You are not necessarily required to monitor releases to determine the normal range of the release to the air. You may establish the normal range by using engineering estimates of releases under various operating conditions, knowledge of the operating history of the farm, experience with operating processes, professional judgment, or any other method that has a sound technical basis.

#### **Normal Range**

The normal range of a continuous release includes all releases of a hazardous substance (in pounds, kilograms, or curies) reported or occurring during any 24-hour period under normal operating conditions during the previous year. Only releases that are both continuous and stable in quantity and rate may be included in the normal range.

**Reporting Single Hazardous Substances** - For each animal waste source, follow the directions below to report each hazardous substance released to the air from the animal waste source that is a single hazardous substance or a component of a mixture that you wish to report separately.

1. Identify the hazardous substance released by name and by Chemical Abstracts Service Registry Number (CASRN). This form includes the CASRN for ammonia and hydrogen sulfide.
2. Provide the upper and lower bounds of the normal range of the hazardous substance release from the identified animal waste source (i.e., quantity in pounds, kilograms, or curies) during the previous year.
3. Estimate the total annual amount (in pounds, kilograms, or curies) of the hazardous substance released from the identified animal waste source during the previous year.
4. Specify the frequency of the release to the air by indicating the number of days the release occurs per year from the identified animal waste source. Stating "continuous" is not sufficient, as one source may be continuously operating 365 days a year, while another source may be continuously operating on weekdays, 261 days a year.
5. Indicate the actual months the air release occurs.