

Emergency Response Plan

This emergency response plan has been developed to address the following situations, manure spill, fire, power failure, and any other catastrophic events.

Assess the situation and contact the following people immediately:

Name	Work#	Mobile#	Home#
John McIntire	217-285-4636	217-248-3700	217-285-6180

Manure Spill

1. Make all reasonable effort to contain the manure spill. Try to divert the manure from any tile, waterway, stream or road using sawdust or earth dams.
2. Find the source of the manure spill and stop it from leaking, pumping etc. i.e., if the spill is coming from recycled water manholes, shutoff recycle pumps.
3. Limit the movement of any manure spilled during an application event. Once contained remove any pooled manure and properly land apply.
4. After initial assessment, begin contacting any additional resources needed. Below is list of equipment and who to contact to obtain the equipment. The facility has a tractor with front-end loader, sawdust and manure pumps.

Equipment	Contact Person	Work#	Mobile#
Excavating Equipment	Jerry Webster		217-430-8480
Manure Tank/Equipment	Jerry Webster		217-430-8480

5. Within 2 hours of spill discovery contact the following people:

Agency	Contact Person	Phone #
Illinois EPA Spill Line		1-800-782-7860
EPA Inspector		217-786-6892
Co. Emerg. Planning Comm.		
Co. Board of Health	Anita Andress	217-285-4407

6. Construct earthen or sawdust dams, diversions and/or containment areas depending on the location and severity of the spill.
7. As soon as possible begin removal of the manure as well as any affected soil and/or water. Either directly land apply it or place it back into the manure containment structure.

Immediate and intelligent responses will limit the amount of environmental damage!!!

Fire

1. If a fire is observed anywhere within the production facility, immediately contact the local fire department by dialing **(911)**. Give the operator the mailing address of the facility.

**Strout Crossing
13500 432 Lane
Nebo, IL 62355**

2. Contact all individuals on the contact list at the beginning of the plan.
3. Remove all large equipment (tractors, trucks, etc...) away from the fire.
4. Maintain a safe distance from the fire.
5. Once the fire is extinguished begin to make plans for proper repair and clean-up.
6. Check all other buildings for the loss of power.

Power Failure

1. If a power failure is observed immediately contact all people on the contact list.
2. Ventilate all confinement buildings by opening all doors/windows and dropping the curtains if the building is so equipped.
3. Contact power company.
4. Start generator to restore power to the farm.
5. Monitor all buildings and generator until the main power has been restored.

Catastrophic Event

1. Assess the situation and determine if there is anyone who is need of medical attention.
2. If medical attention is needed contact an Emergency Medical Technician by dialing **(911)**.
3. Contact all people that are list on the contact list.
4. Assess the condition of all buildings. If a power failure and/or fire is observed follow the checklist for each situation.
5. Assess the condition of livestock and determine if injured livestock needs to be euthanized.
6. Prepare temporary confinement area for any livestock that may be loose.
7. Make preparation for cleanup process.

SPILL RESPONSE PLAN

What to Do if There is a Spill

Recognize and make an initial assessment of the spill then take quick and effective actions to minimize damage. Many operations will need assistance from other nearby producers and others to handle the situation effectively. It is crucial that prior arrangement be made so that every person involved will know what to do when an emergency situation arises.

Facility Areas to assess regularly:

1. Livestock management facilities
2. Livestock waste management facilities
3. Exposed commodity and food stuff storage facilities
4. Mortality handling facilities
5. Waste field application areas.

Procedures In The Event of a Spill

1. Eliminate Source of Release/Spill.

- a. Stop the manure application or pumps
- b. Repair defective component of earthen basin/lagoon and fill with compacted clay

2. Contain the Release/Spill

- a. If material is in application field construct earthen berms capable of containing release/spill.
- b. If material has reached roadside ditch, creek or stream, create containment dam in ditch or stream to contain the release/spill.
- c. Construct a temporary holding basin down-gradient of release/spill. Take precautions to not damage the embankments while creating the temporary basin(s).
- d. Cap or cover all tile intakes that are within or near site of the release/spill. (Note all covers should be pre-made.)

3. Recover Spilled Material

- a. Once material is contained recover the material as quickly as possible.
- b. Liquids can be either pumped to a storage structure, or applied at agronomic rates to fields.
- c. When another material such as soil or sawdust is used to create a dam or absorb liquid waste, it is important to properly dispose of all affected material. Land application is an acceptable method of disposing of the soil affected by the spill.
- d. All land applications should be made at agronomic rates. Application rates found within the CNMP can be used as a guide to application.
- e. Utilize application areas of fields documented in the CNMP.
- f. Questions concerning applications rates can be directed to authors of the plan.
- g. Restore the area to condition prior to release.

4. Report Release/Spill to IEPA (within 24 hours) in the following cases:

- a. If more than 25 gallons of livestock waste are released/spilled and un-recovered,
or
- b. If a release/spill of livestock waste reaches waters of the state

5. Document Records of Release/Spill

- a. Note the date and time of the release/spill.
- b. Note the amount of livestock waste associated with the release/spill.
- c. Note the amount of livestock waste recovered from the release/spill.
- d. In the case where the release/spill is collected and land applied, document volumes, rates and locations of land applications.

Spill Response Plan

- 1) Stop the spill immediately!!! Do whatever is necessary or available to use to stop the further flow of effluent as soon as possible.
- 2) Major effort should then be directed to containing the effluent, especially keeping it from entering surface water or other environmentally sensitive areas. Creating an effluent "pond" in a field can be a good thing.
- 3) Assess the extent of the spill and note any obvious damages.

Did the waste reach any surface waters?

Approximately how much was released and for what duration?

Any damage noted, such as employee injury, fish kills, or property damage?

- 4) Contact appropriate agencies.

In Illinois, the Illinois Emergency Management Agency is the contact if the spill leaves your property or enters waters of the state.

IEMA Phone in Illinois call (800) 782-7860. Outside of Illinois call (217) 782-7860 - 24 hours per day, seven days a week.

Contact your IL EPA Regional Ag Engineer:

Name _____ Phone _____

IEMA will notify the Illinois Environmental Protection Agency and the Illinois Department of Agriculture. Your phone call should be made within 24 hours **(immediately if to waters of the State)** and include:

- your name
- facility name
- telephone number
- the details of the incident (realistic # of gallons involved)
- the exact location of the facility and or spill
- the location or direction of movement of the spill
- weather and wind conditions (i.e. rain forecast, pre-spill and post-spill)
- what corrective measures have been taken
- and the seriousness of the situation (threat to surface or ground water, spill under control, need for assistance).

For other contacts see the Emergency Phone Number list in the Emergency Action Plan.

- 5) **Start cleanup activities, even if state or federal agency staff has not arrived on the scene. DO NOT WAIT!!!**
- As soon as possible begin clean-up procedures
 - Notify agencies and local authorities including the local county public health department and appropriate public/private water supplies.
 - Attempt application of spilled wastes on cropland
 - Assess environmental impact of fish kill, surface water pollution, well or groundwater impact, and amount of waste released and for what duration.
- 6) A written report (form optional) to the Illinois EPA confirming information provided by telephone is required within 5 days after discovery of the release. Blank report for filing written report is provided.

Send Written Reports to:
Illinois EPA Bureau of Water, Compliance Assurance Section
P.O. Box 19276 Springfield, IL 62794-9276
Send Faxes to: (217) 557-1407

All responses to emergencies should be documented and kept with the manure management plan as required in the Livestock Facilities Management Act and Illinois EPA NPDES General Permit. This documentation should include all agency and local authority contacts made during the response phase. This information can be used to assess response to the emergency, prepare for future problems, and train employees.

- 7) Implement procedures to prevent similar occurrences. Seek professional assistance if problem is berm or structure related.

The State of Illinois requires an owner or operator of a livestock waste handling facility to report any release of 25 gallons or more of livestock waste within 24 hours after discovery of the release into the environment. This reporting requirement includes releases from livestock waste handling facilities and releases from the transportation of livestock waste.

Releases of any quantity that enter surface waters (including releases to sinkholes, drain inlets, broken subsurface drains or other conduits to groundwater or surface water) must be reported immediately, except when immediate notification would impede the owner's or operator's efforts to correct the cause of the release or contain the livestock waste. In such cases, the report must be made as soon as possible but no later than 24 hours after discovery. In addition to the reporting requirement, the owner or operator is responsible for correcting the cause of the release as soon as possible in order to minimize environmental damage.

The reporting requirement applies to waste storage, handling facilities, piping, pumps, and transportation equipment. Reporting is not required for releases of less than 25 gallons provided no quantity is released to waters of the state or from a controlled and recovered release during field application. A release does not include the normal application of livestock waste to cropland at established agronomic rates.

Failure to report a release could result in fines of up to \$1,000 for the first violation, \$2,500 for a second violation, and up to \$5,000 for a third or subsequent violations. Any environmental damage resulting from the release (such as a fish kill) may subject the owner or operator to additional fines and require him/her to reimburse the state for the value of the damage.

Inquiries concerning the release reporting requirements may be directed to:
Illinois EPA, Bureau of Water, Field Operations Section, (217) 782-3362.

**Illinois Environmental Protection Agency
Livestock Waste Release
Required Report Information Form**

Send written reports to:
Illinois EPA, Bureau of Water, Compliance Assurance Section
P.O. Box 19276, Springfield, Illinois 62794-9276

Report any release of livestock waste in Illinois by phone within 24 hours after discovery of the release. In Illinois call (800) 782-7860, outside of Illinois call (217) 782-7860. A written report (form optional) to the Illinois EPA confirming information provided by telephone is required within 5 days after discovery of the release. Attach additional pages if more space is required to answer questions.

Name of Person Reporting Release: _____ Telephone Number: _____

Release Source: _____ County: _____
(Where Release Occurred)

Date & Time Release Began: _____ Duration of the release: _____

Cause of Release: _____

Give distance and direction of the release from nearest town, village or municipality.
If possible give legal description down to quarter section.

Estimate the quantity that was released and the flow rate if the release is ongoing.

Quantity: _____ Gallons Flow Rate: _____ Gallons/Day

Circle appropriate area(s) into which the release occurred: Field Ditch Stream Other
If other please describe:

Estimated Release Extent: _____ Sq. Ft _____ Sq. Yd _____ Acres

What are the apparent environmental impacts of the release?

Contact Person for Additional Information: Name: _____

Telephone number: _____

Describe any dangers to health or the environment resulting from the release.

Describe all actions taken to respond to, contain and mitigate the release.

Facility Name: _____

Mailing Address: _____

City, State, Zip: _____

Signature: _____ Date: _____

The Illinois EPA is authorized to request this information under the Environmental Protection Act, Illinois Compiled Statutes ("ILCS"), 1999, as amended, Chapter 415 ILCS Sections 5/4(b) and 5/4(h). Use of this reporting format is voluntary, as long as the information required by the Livestock Management Facilities Act, Chapter 510 ILCS Section 77/18 concerning the release is reported in a timely manner.