

EMERGENCY ACTION PLAN

Contact Names & Numbers - Human Injury

Facility Name: CAR-MER

Facility Owner Info:

Name: Neil Timmerman

Phone: 815-777-0318

Name: _____

Phone: _____

Facility Address (911) 7138 Rt. 84 North Galena, IL 61036

Livestock Manager Info *~if different than owner~*

Name: Mike Hoppman

Phone: _____

Certification Number: LM0857649

Specific Directions to the facility:

From: Galena: Head North on Route 84. At Route 84 and 20 junction continue North on Route 84 approximately 1.5 miles. Facility drive located on West side of Route 84.

Ambulance Phone: **911**

Fire Department Phone: **911**

Illinois Poison Center Phone: **1/800-222-1222**

Doctor or Physician Name: _____

Phone: _____

Hospital or Medical Clinic Name: _____

Phone: _____

Other: _____

Phone: _____

County Sheriff Name: _____

Phone: _____

Other Name: _____

Phone: _____

Other Name: _____

Phone: _____

Other Name: _____

Phone: _____

EMERGENCY ACTION PLAN

Actions, Contact Names & Numbers - Partial System Failure

Electrician Name: _____ Phone: _____

Electric Co. Name: _____ Phone: _____

LP/Natural Gas Name: _____ Phone: _____

Plumbing Name: _____ Phone: _____

Ventilation Name: _____ Phone: _____

Heating Name: _____ Phone: _____

Feed Name: _____ Phone: _____

Veterinarian Name: _____ Phone: _____

Mortality Disposal Name: Darling International Phone: 217-482-3261

Insurance Carrier Name: _____ Phone: _____

Engineering Company: Frank & West Environmental Engineers Phone: 217/487-7686

Other Name: _____ Phone: _____

Other Name: _____ Phone: _____

Other Name: _____ Phone: _____

Other Name: _____ Phone: _____

CATASTROPHIC DEATH LOSS

1. Contact renderer

- a. Arrange for pickup of deads
- b. Make sure that employees & cleanup use appropriate health protections (masks, etc.)

2. Contact your local vet

3. Be in contact with the State Dept. of Agriculture Bureau of Animal Health as needed. (24/7 # provided)

IL Dept of Ag, Bureau of Animal Health 24/7 #:

Phone: 217/782-4944

EMERGENCY ACTION PLAN

Actions, Contact Names & Numbers - Manure Release or Spill

In The Event of A Spill/Release

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. **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
4. **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.
5. **Illinois Environmental Protection Agency – Illinois Emergency Management Agency:**
24 Hr. Number: 1-800-782-7860
24 Hr. Number: 217-782-7860

CONTRACTORS:

Earth Moving Name: Bill Mawery

Phone: 1-609-759-2451

Local Custom Applicator Name (If applicable): _____

Phone: _____

Local Custom Applicator Name (If applicable): _____

Phone: _____

Irrigation and/or Pumping Equipment Name: _____

Phone: _____

Equipment Contractor Name: _____

Phone: _____

Other Name: _____

Phone: _____

Other Name: _____

Phone: _____

Other Name: _____

Phone: _____

Other Name: _____

Phone: _____

Other Name: _____

Phone: _____

SPILL RESPONSE & CONTROL PLAN

Facility Management

1. Earthen Basin
 - a. Freeboard markers are installed at the facility. The freeboard markers should be monitored regularly to ensure proper 2' freeboard is maintained.
 - b. Berms surrounding the earthen basin should be monitored regularly for the presence of rodent activity or woody plant growth. Both should be removed as soon as they are discovered and the areas repaired.
 - c. The facility is actively removing solids from the basin on a spring and fall basis. The facility has a long reach backhoe for this service.
2. Former Storage Bunker
 - a. The commodity storage bunker located northwest of the parlor has been removed from service at this time. Therefore all stormwater runoff from this facility is clean.
3. Cattle Crossing
 - a. The facility maintains a cattle crossing for pasture access on both sides of the small creek running through the farm. A culvert and fencing has been installed at this crossing to keep cattle out of the waterway.
4. Temporary Manure Stacks
 - a. The use of temporary manure stacks have been discontinued by the farm.
5. Loading Ramp
 - a. The loading ramp on the south side of the lower freestall barn has been removed.
6. Cattle Walkway
 - a. The walkway between the upper and lower freestall barn is paved and curbed to prevent any runoff from the walkway or run-on of clean stormwater.
7. Vegetated Areas
 - a. All partially vegetated pastures and pastures that were void of vegetation have been vegetated. Therefore there are no earthen feedlots used by the facilities.

SPILL RESPONSE & CONTROL 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.



New Culvert -
Primary Emergency Dam
Location

Emergency Dam
Locations

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.

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.

IERMA 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 _____

IERMA 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.

**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.