

EMERGENCY ACTION PLAN

Contact Names & Numbers - Human Injury

Facility Name: Logeman Brothers

Facility Owner Info:

Name: Kevin Logeman

Phone: 618-524-3236

Name: Scott Logeman

Phone: 618-524-2790

Facility Address (911) 4110 Benton Road, Metropolis, Illinois 62960

Livestock Manager Info *~if different than owner~*

Name: _____ Phone: _____

Certification Number: _____

Specific Directions to the facility:

From: Metropolis: Take North Ave to Round Knob Road. Turn left onto New Columbia road then turn right into Benton road. Follow Benton Road until stop sign. Turn Right at stop sign and cross railroad tracks. Facility is just past rail road tracks.

Ambulance Phone: **911** _____

Fire Department Phone: **911** _____

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

Doctor or Physician Name: Dr. Oliver Phone: 618-524-3795

Hospital or Medical Clinic Name: Massac Memorial Hospital Phone: 618-524-2176

Other: _____ Phone: _____

County Sheriff Name: Massac County Sheriff Phone: 618-524-2912

Other Name: _____ Phone: _____

Other Name: _____ Phone: _____

Other Name: _____ Phone: _____

EMERGENCY ACTION PLAN

Actions, Contact Names & Numbers - Partial System Failure

Electrician Name: <u>SIEC</u>	Phone: <u>618-827-3555</u>
Electric Co. Name: <u>Greg Horman</u>	Phone: <u>618-524-7658</u>
LP/Natural Gas Name: <u>Southern FS</u>	Phone: <u>1-800-461-4002</u>
Plumbing Name: <u>Greg Horman</u>	Phone: <u>618-524-7658</u>
Ventilation Name: _____	Phone: _____
Heating Name: _____	Phone: _____
Feed Name: <u>Odom's Livestock Supply</u>	Phone: <u>1-270-247-2704</u>
Veterinarian Name: <u>Dr. Buddy Ray</u>	Phone: <u>1-270-247-2915</u>
Mortality Disposal Name: _____	Phone: _____
Insurance Carrier Name: <u>Grower Insurance</u>	Phone: <u>618-524-4660</u>
Engineering Company: <u>Frank & West Environmental Engineers</u>	Phone: <u>217/487-7686</u>
Other Name: _____	Phone: _____
Other Name: _____	Phone: _____
Other Name: _____	Phone: _____
Other Name: _____	Phone: _____

CATASTROPHIC DEATH LOSS

1. Contact renderer

- Arrange for pickup of deads
- 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

*Post by all facility **telephones** for reference*

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: Darryl Childers

Phone: 618-524-8151

Local Custom Applicator Name (If applicable): _____

Phone: _____

Local Custom Applicator Name (If applicable): _____

Phone: _____

Irrigation and/or Pumping Equipment Name: Jim Hodel

Phone: 1-800-562-8565

Equipment Contractor Name: _____

Phone: _____

Other Name: _____

Phone: _____

Other Name: _____

Phone: _____

Other Name: _____

Phone: _____

Other Name: _____

Phone: _____

Other Name: _____

Phone: _____

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.

- 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.

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.

WET WEATHER EMERGENCY EARTHEN STORAGE MANAGEMENT PRACTICES

The last couple of years have shown many producers across the state how inclement weather can affect planner or anticipated land applications from earthen waste storage holding ponds or earthen lagoons.

Abnormally wet seasons (either spring or fall) combined with below average rates of evaporation and then the cold short days of winter can result in troubling situations for livestock producers.

The following are emergency management practices for earthen storage exposed to unusually wet or cold weather:

1. Do not allow lagoon to overflow. Overflowing effluent is highly concentrated and likely to cause a fish kill if it enters a stream. Additionally, overflow may compromise lagoon berm integrity, resulting in a much more catastrophic discharge.
2. Application to frozen or saturated soils is preferable to allowing lagoon to overflow. Never attempt to increase lagoon storage by sandbagging or raising lagoon berms.
3. Apply effluent to vegetated areas (hay or pasture) if at all possible to reduce runoff potential. If hay or pasture land is not available, apply to land with high levels of crop residue. Apply to bare soil only as a last resort. Always ensure that runoff from land application does not occur.
4. Finding land suitable for land application may require using land not in your nutrient management plan or permit. You must follow all relevant management practices in your nutrient management plan and permit. Keep complete records of applications to land not in your nutrient management plan or permit as a separate list in your end-of-year report to FWI.
5. Increase separation distance as much as possible between application areas and waterways, streams, lakes, etc. Required minimum separation distance for land application are:
>200 feet from losing streams, sinkholes, caves, wells, abandoned wells, water supply structures and impoundments or any other connection between surface and groundwater.
>200 feet from permanent flowing streams

- >35 feet from vegetative waterway
>200 feet from a privately owned impoundment not used as a water supply
>1/4 Mile from any residence not part of the facility if manure is not injected or incorporated the same day as application.
6. Utilize land with the least slope possible, preferably less than 5% to minimize runoff potential.
7. Operate irrigation equipment at a low, minimal application rate to decrease runoff potential. Surface applications less than 0.25 inches per pass and gun travel speeds of 5 feet per minute or more may be necessary.
8. You must watch the pumping operation continuously to minimize potential for runoff or equipment malfunction. Regularly observe points of potential runoff around perimeter of land application area. Runoff during land application must not occur.
9. If overflow from lagoon or runoff from land application does occur, implement emergency secondary containment (i.e. emergency response plan).
10. By law, the Illinois EPA must be notified of any discharge in excess of 25 gallons. The emergency response phone number to call is 800-782-7860.

*Record keeping is always recommended for all operations. In unusual weather periods it is particularly important to be diligent about keeping complete precipitation, lagoon and land application records.