

Emergency Action Plan

**Basic common-sense plan that
can help you prevent problems
and make the right decision
during an emergency**

Types of Emergencies

- **Imminent pollution or emergency**
- **Pollution in progress**
- **Pollution discovered after the fact**

What's a Spill in Indiana?

- Unexpected or unintended dumping, leakage, drainage, seepage or discharge or other loss of petroleum, hazardous or *objectionable substances*
- Does not include releases contained on impermeable surfaces

The Basics

- **Consider where and how manure is stored, how it is transported and where and how it is utilized (land applied usually)**
- **Try to think about what could go wrong during each stage – discuss possible problems and solutions with co-workers and others**
- **Consider ways you could prevent or react to those problems to minimize damage**

Considerations in Spill Response Plan

- **Personal safety comes first**
- **Locate source of spill and stop discharge**
- **Assess situation and extent of spill**
- **Contain spill as soon as possible (earthen berms, diversion ditches, etc)**
- **Once contained, collect spilled manure and land apply at agronomic rates**
- **Make sure all employees understand it**

Emergency Spill Plan Should Tell -

- **Who's responsible for implementing spill response plan?**
- **Who should be informed?**
- **Where are the potential problem areas in operation**
- **What resources are available to respond?**
- **What can be done to clean it up?**

Who Should be Informed of Spill

- **Downstream water users within 10 mi.**
(swimming, fishing, livestock watering, etc.)
- **Surface water intakes**
- **Natural areas – parks and recreational areas**

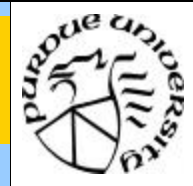
Inventory Resources Available

- **Contact to obtain large earth moving equipment**
- **Access to backhoe/skid steer loader to divert spill**
- **Main water/electric control locations with posted shut-down procedures**
- **Access to hay bales, soil, etc. to contain spill**
- **Consider organizing local commodity group to share labor and equipment**

Location of Land Available for Application

- **Wheat stubble**
- **Pasture**
- **Alternative containment to store manure till land is available**

Knowledge to Go



Year: 2002

Farm Name: Purdue Farms

Location: 8 mi NW. of W. Lafayette on US 231

CONTACTS:

Owner: John Q. Purdue

Address: 10000 US 231, W. Lafayette, IN 47906

Phone: 800-555-5555

Cell Phone: 800-555-5555

Pager: 800-555-5555

Manager: Larry Boilermaker

Address: 10000 US 231, W. Lafayette, IN 47906

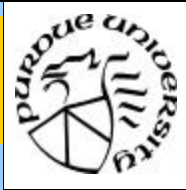
Phone: 800-555-5555

Cell Phone: 800-555-5555

Other Employees and Phone Numbers: _____



Knowledge to Go



County Emergency Response Director: Joe Smith

IDEM Inspector: Joe Smith, Jr.

County Health Department: Joe Smith, III

IDEM Spill Line: 1(888) 233-7745 (Call within 2 hours of spill)

Downstream Water Users within 10 miles:

Brown Farm Irrigates their tomatoes

Surface Intake Structures (Towns & Cities):

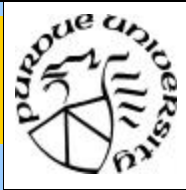
W. Lafayette, Lafayette

Natural Areas (State Parks, Urban Parks, etc.)

Horticulture Park



Knowledge to Go



Details about this location: 2000 hd/yr F-F

Number of Buildings: 13

Capacity of Animals: 36 crate farrowing, 360 hd nursery, 720 hd finish, 75 hd breed-gestation

Manure Storage Capacity:

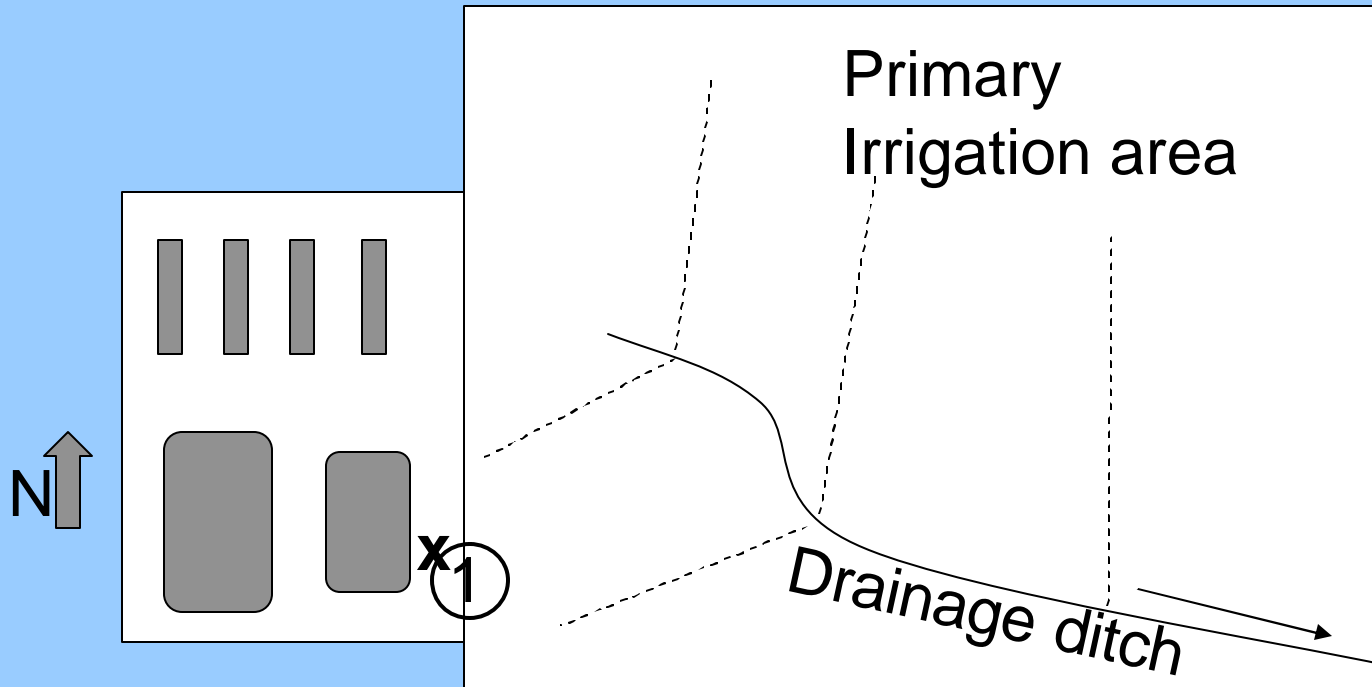
- **Pit: 6 weeks in all pits**
- **Lagoon: 3 million gallons (6 months)**
- **Stockpile: None**

(Include a copy of farmstead map)



Spill Anticipation & Assessment: **(Identify possible spill sites and problems.)**

1. Low spot on berm of second lagoon overflowing



SITE ASSESSMENT RESPONSE CLEANUP/ REPAIRS

1. Check lagoon level monthly and pump if within 24" of top. Construct secondary earthen containment in case of overflow to prevent spill from reaching road ditch.

Report Spill if it:

- **Enters waters of state**
- **Crosses property boundaries**
- **Is not managed to prevent threat to waters of state, including groundwater**
- **Threatens to damage waters of the state**

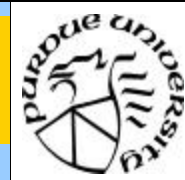
Spill Reporting

- **Must be reported within 2 hr of discovery**
- **Report to:**
Office of Emergency Response
IDEM
1-888-233-7745

■ **Example: Broken water pipe overflows pit to a small creek down grade**

- **Use backhoe to push dirt pile into creek to stop flow**
- **Shut off water and repair pipe**
- **Call neighbor**
- **Borrow irrigation pump to remove waste water to wheat stubble**
- **Incorporate, remove dirt pile in creek**

- **Example: Heavy rain on manure stockpile, causing runoff toward tile inlet in field**
 - **Cover pile with large tarp**
 - **Use backhoe to divert runoff from inlet into other area**
 - **Spread or move pile as soon as possible and incorporate.**



Spill Response Documentation

Emergency Spill Response Documentation (Required Information)

This form is to assist CFO in documenting a spill and the steps taken to prevent or minimize environmental damages. Completion of this information is required if a spill occurs. This document may assist a CFO in explaining the cause of the spill and the containment and clean up process when documenting the incident for IDEM.

Approval Number _____

Name _____

Mailing Address _____

City _____

State _____ Zip Code _____

Telephone _____ County _____