

Emergency Management Plan
for Example Dairy, Inc.

DO NOT enter confined spaces such as manure pits, silos, tank spreaders, covered manure storage areas unless properly trained and utilizing approved safety equipment.

If a manure or wastewater from any form of spill reaches surface waters, notify the Michigan Department of Environmental Quality immediately.

Phone: 1-800-292-4706 Statewide

Kalamazoo District: 269-567-3500

If there is a spill or release of manure or wastewater follow these procedures:

Assess the spill

Assess the spill and the potential for it to reach surface waters. Is the spill headed for wells or other sensitive areas?

Stop the Source

Stop the source of the spill immediately.

Shut down equipment and pumps, close valves etc.

Separate pipes to create air gap if necessary to stop manure flow.

Contain the spill

Limit the area affected by creating dikes, or berms with soil, bales of hay/straw or similar material that is readily available.

Transfer manure to another storage.

Contact neighbors who have empty manure tanks to collect and haul material.

Apply any collected manure/wastewater to crop fields at agronomic rates.

Spills or leaks of manure spreader tanks

If a spreader tank begins malfunctioning, move away from ditches and surface waters.

If manure is spilled on the roadways, call the sheriff for traffic control and clean the spill

Spills with irrigation equipment

Keep hoses and pipes in good repair.

Secure fittings and joints to prevent leaks.

Turn off pumps and equipment immediately if spill occurs.

If irrigation water is being added to the manure, prevent potential for back siphoning.

Spills through tile drains

Plug the tile if possible. Cease application. Dike area where tile empties.

Manure runoff after field applications

Cease applications

Assess if wastewater is reaching surface water.

Use tillage equipment to divert flow of manure.

Breach of an earthen manure storage

Stop the flow of manure into the storage.

Use soil to dike or berm the area or create an emergency holding area outside the existing storage.

Pump to another storage.

Call a neighbor and begin pumping out to tanks for land application.

Notify and comply with reporting requirements

Contact the county drain commissioner if a county drain must be blocked.

Contact the county Sheriff if a spill occurs on the roadways.

Maintain records of any spill of manure or wastewater.

Assess how and why the spill occurred and take **preventative measures** to reduce the risk of such events happening in the future. Communicate with all family and farm employees about prevention and emergency response procedures.

Post the following emergency numbers where they are easily accessible.

Emergency Phone Numbers

911

Farm: 123-555-7890

David Brown home: 123-555-7890; cell: 123-555-2345

Joe Brown home: 123-555-7891; cell: 123-555-3456

Neighbors with backhoe: Tim Jones 123-555-5678

Neighbors with manure hauling tanks: 123-555-8901

County Sheriff: 911 or 123-555-6543

County Drain Commissioner: 123-555-8765

Michigan Department of Agriculture: 1-800-405-0101

Michigan Department of Environmental Quality: 269-567-3500