Illinois Department of Agriculture

NON-LAGOON LIVESTOCK WASTE HANDLING FACILITY APPLICATION

A. General Location Information:

_____	_____	_____	_____
County Name	Township #	Range #	Prin. Meridian

_____	_____	_____
Section #	1/4 Section	1/4-1/4 Section

B. Facility Information:

(Please check the box if correspondence is to be sent to this address.)

❒ Facility Name: _____

Facility Mailing Address: _____

_____

(Specify the actual facility address, if one exists.)

Phone Number: _____

Facility ID : _____

C. Owner or Operator Information:

(Please check the box if correspondence is to be sent to this address.)

❒ Name: _____

Company: _____

Mailing Address: _____

_____

Phone Number: _____

D. General Description of the Proposed Livestock Waste Handling Structure:

PROPOSED LIVESTOCK WASTE HANDLING FACILITY TYPE *(CHECK ALL THAT APPLY)*:

- ☐ Under building waste storage structure(pit storage structure)
- ☐ Above-ground waste storage structure
- ☐ In-ground waste storage structure
- ☐ Earthen
- ☐ Runoff holding pond
- ☐ Other: _____

IL 406-1623 (1-02)

E. Type and Number of Animal Units:

List the species of livestock along with the maximum number of animal units that the livestock waste handling facility will serve. *(Existing and proposed)*

	# of Head	x	Animal Unit Factor	=	# of Animal Units
☐ Beef	_____	x	1.0	=	_____
☐ Dairy (adults)	_____	x	1.4	=	_____
☐ Dairy (young)	_____	x	0.6	=	_____
☐ Laying hens and broilers					
	_____	x	0.005	=	_____
☐ Laying hens and broilers (w/ continuous overflow watering)					
	_____	x	0.01	=	_____
☐ Laying hens and broilers (w/ liquid manure handling systems)					
	_____	x	0.03	=	_____
☐ Sheep	_____	x	0.1	=	_____
☐ Swine (>55lbs)	_____	x	0.4	=	_____
☐ Swine (<55lbs)	_____	x	0.03	=	_____
☐ Turkeys	_____	x	0.02	=	_____
☐ Horses	_____	x	2.0	=	_____
☐ Ducks	_____	x	0.02	=	_____
☐ Other:	_____	x	_____	=	_____
	Total Number of Animal Units			=	_____

F. Specific Location Requirements:

Please provide a facility site map or livestock waste handling facility plot plan which depicts the location and the distance to the following:

Nearest private or public potable well(s) _____ ft.

Nearest stream _____ ft.

Nearest abandoned or plugged well, drainage well, or injection well located within 1,000 feet of the proposed facility _____ ft.

Subsurface drainage lines within 100 feet of the livestock waste handling facility _____ ft.

G. Anticipated Dates of Construction:

Start ____/____/____ Finish ____/____/____

H. Site Investigation Certification: *(Site investigations are only required for facilities which meet the definition of a "new facility" pursuant to 510 ILCS 77/10.45)*

This registration form must be accompanied by the results from a site investigation conducted in accordance with 8 Illinois Administrative Code 900.504(b)(8), as well as a "Certification of Site Investigation" form, which may be obtained from the Department.

I. Perimeter Drainage Tubing: *(Perimeter foundation drainage tubing is required for facilities where the seasonal high water table may encroach upon the bottom of the facility.)*

❒ Pursuant to 35 Illinois Administrative Code 506.304(c), perimeter foundation drainage tubing is required and will be incorporated into the design and construction of the waste storage facility. A sampling port must be incorporated and must be sampled in accordance with 8 Illinois Administrative Code 900.511.

❒ Perimeter foundation drainage tubing is not required for this facility. Documentation must be submitted to verify this claim.

J. Construction Plan:

The construction plan of the waste handling structure must include design specifications of the structure noted as prepared by or for the owner or operator in accordance with the requirements contained in 8 Illinois Administrative Code 900.504(b)(9). The plan should, at a minimum, include the following:

General Items for all Facilities:

Plot plan: indicating the location of existing and proposed livestock management and livestock waste handling facilities, on-site wells, groundwater monitoring wells (if required), and any subsurface drainage lines relative to the location of the proposed waste handling facility. Depict surface water flow across the facility using contour lines or notation and arrows.

Plan view drawings
Cross section drawings
Elevations
Dimensions
Construction materials
Backfill type
Loading conditions
Drainage systems

Additional items for structures designed with reinforced concrete:
Maximum compressive strength
Steel tension yield strength
Steel size
Steel Spacing
Cover
Development lengths
Waterstop location, type and details
Slab support

Additional items for structures designed with synthetic materials:
Manufacturer compatibility statement
Construction material properties
Quality control/Quality Assurance
Installation details
Testing details, Post construction
Base preparation

Additional items for structures designed with steel:
Corrosion Resistance

Additional items for structures designed with earthen materials:

Maximum proctor density test results
Shelby tube locations (if applicable)
Permeability results (if applicable)
Lift thickness
Installation Details
Quality Control/Quality Assurance
Erosion Control Details

K. Certification of Compliance / Filing Fee:

Pursuant to 510 ILCS 77/13 (f), the owner or operator of a the proposed livestock waste handling facility must send, by certified mail or in person, to the Department a certification of compliance form together with copies of verification documents upon completion of construction. A $250 filing fee must accompany the certification of compliance.

L. Supporting Justification and Verification Documents:

Pursuant to 8 Ill. Adm. Code 900.506 (a), the owner or operator of a livestock management facility or livestock waste handling facility shall provide the Department with copies of verification documents upon completion of construction. Such verification documents shall include:

- photographic records of excavation and site preparation including any soil compaction, footing preparation and construction, concrete forming including steel reinforcement, construction joints during construction, walls and floors after form removal, installation of perimeter drains if needed, and any other items deemed necessary by the owner or operator, engineer, or construction personnel.
- -- For structures constructed of concrete, a signed statement from the concrete supplier indicating the quality of the concrete.

Failure to provide such information may delay or impede the Department's final issuance of a certification of construction completeness.

M. Structures Constructed with Design Standards used by the Natural Resources Conservation Service of the United States Department of Agriculture :

In the case of structures constructed with the design standards used by the Natural Resources Conservation Service of the United States Department of Agriculture, copies of the design standards used and a statement of verification signed by a representative of the United States Department of Agriculture shall accompany the owner's or operator's certification of compliance.

N. Inspections:

The Department will inspect the construction site prior to construction, during construction and within 10 business days following receipt of the certification of compliance to determine compliance with the construction standards. No livestock waste handling facility may be placed into service until the Department has acknowledged compliance with the Livestock Management Facilities Act.

O. Application Signature:

_____ _____
Authorized Agent (Printed) Date

_____
Signature of Authorized Agent

_____
Title