

## **Storm Water Management Plan**

Surface Water drainage from the production site is controlled to prevent contact with manure, feed or other materials associated with production.

1. All manure is stored in under barn covered pits.
2. Methods of application may include the following:
  - A. Umbilical injection system.
  - B. Tank wagons.
3. Roof water runoff drains from the buildings through waterways and is not allowed to stand near the buildings where it might enter the manure storage pits.  
(See farmstead map, attached, that indicates storm water drainage plan).
4. Pit pump-outs are covered and secured at all times except when manure is being removed or transferred to the earthen basin.
5. Surface ditches are graded to prevent ponding and have established fescue grass to prevent erosion.
6. All feed is stored in metal bins and augured into the buildings as needed.
7. Load out chutes are cleaned immediately after use to remove manure and bedding from exposed areas to prevent storm water runoff of manure and soiled bedding.
8. Roads into the facilities for delivery of feed and for transporting livestock are graveled 'all-weather' roads. The roads are graded to prevent ponding and side slopes and waterways have established grasses to prevent erosion.
9. Storage and maintenance of manure handling equipment is provided by contracted manure handling service and/or housed in a machine shed that is located off-site.

### **Operation and Maintenance Procedures:**

The following activities are performed routinely to keep the storm water management plan functioning as designed.

1. Weekly inspections shall be conducted of the roofs, gutters, tile drains, surface ditches, waterways that drain surface water from the production site, mortality storage area and roofs over the load out areas.
2. Any deficiencies found shall be corrected as soon as possible and records shall be kept of the inspections and any corrective actions performed.
3. See attached Operation & Maintenance Records forms that will be maintained on site to record weekly inspections and corrective actions that are taken.

### **Additional Stated Intentions:**

The facility operator intends to manage this site according to a Nutrient Management Plan, Storm Water Plan, and Spill Control Plan that will meet the requirements of the general NPDES permit IL00A01 or, alternatively, an individual permit if issued by IL-EPA.

These permit provisions include discharge limitations, field application of livestock waste, monitoring and reporting requirements, and release provisions as contained in the NPDES permit that will be issued to this facility.

