

Birchen Dairy

Storm Water Management Plan

Site Location

The facility is located in section 24 of Township 26-North, Range 5-East, 4th Prin. Meridian of Stephenson County. This is approximately a 15 acre site consisting of three mature dairy livestock housing buildings, four dry pack calf barns, a dairy parlor, a commodity storage area and two earthen storage structures. This facility is located in a rural agricultural area where row and hay crops are grown. East Plum River lies approximately 7,000 feet west of the property. Attachment A is a facility map, which illustrates the layout of this site.

Storm Water Management

All storm water is directed away from the facility buildings and facilities. The finished man-made and surrounding natural topography allows all surface water to flow away from the facility in a southeasterly direction. The dairy buildings were built on a relatively level portion of land. The surrounding topography allows the storm water to disperse away from individual buildings and the site. The excess storm water leaving the site will run through agricultural and heavily vegetated areas and eventually drain towards a small tributary of East Plum River.

Facility Access

The facility is accessible through private gravel drives. Only facility employees, dairy transportation, dairy service, feed/animal transportation vehicles or facility service personnel are routinely permitted at the facility. No vehicles entering the site will be permitted to clean, wash, or empty excess materials onto the ground of the site.

Facility Commodity Management

The products utilized at the facility consist of feed for facility livestock is delivered to the facility. All feed materials are stored on concrete based commodity storage area. All precipitation from this area or the commodity equipment handling area is directed into an earthen storage structure. The earthen storage is located adjacent to the commodity area to the southeast. All non-contact precipitation is directed around the commodity storage area and not into the earthen storage structure.

Facility Mortality Management

The facility utilizes rendering as the method of mortality management.

Litter Management

A proper number of dumpsters will be provided on site to handle debris associated with the facility. The debris will be disposed of in an appropriate and timely manner.

Hazardous Waste

There is no and will be no hazardous waste generated at this site.

Maintenance/Inspection Procedures

Facility roads, commodity storage areas, etc., will be inspected at least once a month. A maintenance inspection report will be recorded following each inspection. A copy of the inspection form is provided as Attachment B.

Storm Water Best Management Practices

Grounds:

- Maintain sufficient surface drainage away from buildings.
- Permanent vegetation will be maintained across the facility.
- Divert rain water away from areas where it could pond.
- Maintain proper gravel cover and landscape gradient so that water does not stand in access roads and around the production facility.
- Remove any spilled feed promptly.

ATTACHMENT A
FACILITY PLOT PLAN

ATTACHMENT B
INSPECTION FORM

Birchen Dairy
Stormwater Management Plan
Inspection Report Form
To Be Complete Every Month

Inspector: _____ Date: _____

Inspector's Qualifications: _____

Days Since Last Rainfall: _____ Amount of Last Rainfall: _____

Area	Date of Last Inspection	Date of Next Inspection	Stabilized	Yes/No	Condition of Vegetation	Visible Erosion
Facility Structures						
Access Drive/Areas						
Vegetated Areas						
Materials Handling Areas (not livestock waste)						
Refuse Sites						
Mortality Areas						
Materials Handling Equipment Storage Areas						
Shipping/Receiving Areas						

Comments: _____

Action(s) Required: _____

To Be Performed By: _____ On or Before: _____