

<b>GEORGIA DEPARTMENT OF CORRECTIONS</b> Standard Operating Procedures		
<b>Functional Area:</b> CORRECTIONS DIVISION/ FACILITIES OPERATIONS	<b>Reference Number:</b> IVM01-0011	<b>Revises  Previous  Effective Date:</b>
<b>Subject:</b> Animal Waste Systems		12/15/02
<b>Authority:</b> DONALD/ADAMS	<b>Effective Date:</b> 9/01/04	Page 1 of  4

**I. POLICY:**

GDC Farms having Animal Waste Systems that have manure produced from confined livestock and poultry will meet the official guidelines of the Department of Natural Resources Environmental Protection Division and the Georgia Department of Agriculture Rules and Regulations pertaining to the storage and land applications of animal wastewater.

**II. APPLICABILITY:**

All facilities having animal waste established by Central Office Food and Farm Services subdivision and operating under Central Farm Services Management.

**III. RELATED DIRECTIVES:**

The Rules and Regulations for Water Quality Control, Georgia Department of Natural Resources, EPD Chapters 391-3-6.20 and 391-3-6.21.

**IV. DEFINITIONS:**

NONE

**V. ATTACHMENTS:**

NONE

**VI. PROCEDURE:**

A. Animal Waste Systems Operations:

1. Animal waste systems function under the general direction of the State Farm Administrator who has

Functional Area: CORRECTIONS DIVISION/ FACILITIES OPERATIONS	Prev. Eff. Date: 12/15/02	Page 2 of 4
	Effective Date: 9/01/04	Reference Number: IVM01-0011

the authority to design waste treatment systems, handling and storing methods and application rates within the guidelines of the applicable permits and certification of each unit.

2. Each GDC Farm having confined animal feeding operations will comply with all applicable permit requirements as mandated by the Georgia Department of Natural Resources and the Georgia Department of Agriculture.
3. Each confined animal feeding operation must have a system in place to prevent pollution caused by animal waste from GDC farms. This system must include the following:
  - a. A method of waste storage to include earthen lagoons and/or slurry tanks.
  - b. A method of land application to include properly functioning pumps, irrigation equipment and irrigation pipes.
  - c. Designated land application site.
  - d. Comprehensive Nutrient Management Plan.
  - e. Flow meters to measure the quantity of waste entering storage facility as well as wastewater leaving storage facility.
  - f. Any other requirements as listed in the individual permits and applicable regulations governing each unit.
4. The Institutional Farm Manager is responsible for the overall Animal Waste Treatment Operations. Temporary authority may be designated to personnel for time periods of weekends and after normal working hours to prevent pollution caused by animal waste from DOC Farms.
5. It is the sole responsibility of the Institutional Farm Manager to notify the State Farm Administrator and the Food and Farm Services Manager if there

Functional Area: CORRECTIONS DIVISION/ FACILITIES OPERATIONS	Prev. Eff. Date: 12/15/02	Page 3 of 4
	Effective Date: 9/01/04	Reference Number: IVM01-0011

should be any structural risk or lagoon run-overs to prevent pollution.

B. Personnel:

1. The Institutional Farm Manager is responsible for the overall management of Animal Waste Systems. The Farm Manager may delegate this authority for short periods, such as weekends and holidays.
  - a. There shall be a minimum of one staff member at each contained animal feeding operation that has successfully completed the Animal Waste System Operators Certification training.
2. All staff shall hold the management of Animal Waste Systems to be of utmost importance. Any abuse of equipment or potentially illegal activity will be reported to the State Farm Administrator, immediately.
3. Correctional Officers assigned to units with Animal Waste Systems are to receive on-the-job training in working with such systems, if their area of assignment will include any part of the Waste Management Program including sanitation.
4. Farm Managers and Supervisors shall keep informed in modern waste management operations by participating in short courses.

C. Record Keeping:

1. Accurate records pertaining to Animal Waste are:
  - a. Earthen Waste Storage Pit, Pond, or Lagoons According to Natural Resource Conservation Service specifications.
  - b. Liquid Level of Waste Treatment: Pumped down to desired level leaving a minimum of twenty-four (24) inches of space to account for heavy rainfall events on a weekly basis.
  - c. Waste Storage and Handling Facilities: Animal waste storage and handling facilities are

Functional Area: CORRECTIONS DIVISION/ FACILITIES OPERATIONS	Prev. Eff. Date: 12/15/02	Page 4 of 4
	Effective Date: 9/01/04	Reference Number: IVM01-0011

inspected for leaks, spills, or overflow. Repairs are made as needed.

- d. Animal lot Cleaning: Inspect once per week.
- e. Soil Testing of Waste Application Sites: All application sites must be sampled yearly.
- f. Waste Application: According to accurate nutrient accounting or Comprehensive Nutrient Management Plan (CNMP), never apply to frozen or saturated soil. All applications must be recorded indicating the date, time and length of application.
- g. Waste Application Equipment Calibrations: Equipment must be calibrated before each application and checked on regular intervals during application period. Uniform applications over areas are a must.
- h. Nutrient Budgeting (NPK): All applications must be based on waste analysis, soil test, and crop nutrient use information or done according to Nutrient Management Plan (CNMP).