

INSTRUCTIONS FOR USE OF CONSTRUCTION SPECIFICATION

WASTE TREATMENT, CODE 629

1. Applicability

This specification is applicable for the use of unique and innovative mechanical, chemical or biological technologies to change the characteristics of manure and agricultural waste to facilitate desirable waste handling and storage and to produce value added by-products that facilitate manure and agricultural waste utilization.

2. Items to be included in the "ITEMS OF WORK AND CONSTRUCTION DETAILS" or on the Construction Drawings.

- a. Layout and installation details of all waste treatment facilities, waste collection points, waste transfer components, waste treatment and storage facilities.
- b. Location of all inflow and discharge pipelines, pipeline materials, diameter, and slope.
- c. Details of support systems for all components of the waste treatment facility.
- d. Fencing and signage as appropriate for safety purposes.
- e. Required tests as appropriate to determine the effectiveness of the waste treatment.
- f. Other plans to manage the system including a nutrient management plan for proper land application of byproducts.
- g. Location of utilities and notification requirements.
- h. Type and amount of chemicals, types of wetland plants, and type and description of monitoring requirements which including frequency and parameters to be monitored for a wet detention-chemical treatment system.