

## APPENDIX A

### North Carolina State University (NCSU) Animal and Poultry Waste Management Center

Robarge, Bruce Harris, and Ron Sheffield. 2001. Evaluation of a permeable, 2-inch thick polyethylene foam lagoon cover. Waste Management Programs, College of Agriculture and Life Sciences, Project Report May.

The NCSU Animal and Poultry Waste Management Center continues to evaluate alternative treatment systems.

A description of the status and updated project results for each of the following technologies may be accessed under Alternative Animal Waste Management Technologies—A Status Report at the following website:

<[http://www.cals.ncsu.edu/waste\\_mgt](http://www.cals.ncsu.edu/waste_mgt)>

- Activated sludge treatment with prescreening of solids
- Aerated basin/solids reactor cells
- Aerobic upflow fixed media biofiltration/solids separation/solids coating
- Constructed wetlands
- Covered in-ground digester
- Dewatering/bio-plate composting
- Electric reactor solids separation
- High-temperature anaerobic digestion/solids composting
- Impeller aeration
- Nitrification/denitrification
- Polymer-enhanced solids separation
- Secondary treatment of wastewater using duckweed (Project 1)
- Secondary treatment of wastewater using duckweed (Project 2)
- Sequencing batch reactor
- Tangential flow separator
- Vacuum microbubble aeration
- Vermicomposting