



North Carolina Department of Environment and Natural Resources

Beverly Eaves Perdue
Governor

Division of Waste Management
Dexter Matthews
Director

Dee Freeman
Secretary

July 20, 2012

Alex Squalli
U.S. Division Director
Ecodas Corp
1400 Hubbell Pl, Suite 1206
Seattle, WA 98101

Dear Alex Squalli:

This is in response to your letter regarding approval of the Ecodas technology for the treatment of regulated medical waste, which includes pathological waste and bulk blood and body fluids, as requested in your letter dated June 22, 2012. Steam sterilization technology, which uses heat, steam and pressure to treat regulated medical waste, is already approved for the treatment of microbiological waste as stated in 15A NCAC 13B .1203(a) GENERAL REQUIREMENTS FOR REGULATED MEDICAL WASTE.

The Department is authorized to approve other methods of treatment according to 15A NCAC 13B .1203(b).

According to documents and data submitted to the Department, the Ecodas uses shredding to reduce the waste volume by 80%, render the waste unrecognizable and steam sterilization to achieve homogeneous treatment of regulated medical waste. Treated liquid wastes are drained from the unit and discharged to a sanitary sewer system.

In documents and test reports submitted to the Department, the Ecodas technology demonstrated effective treatment of microbial test agents.

This product is approved for the treatment of pathological waste and bulk blood and body fluids provided the unit is operated and maintained as per the manufacturer's requirements and recommendations.

Sharps, dressings, bandages, gowns, gloves and similar items are not defined as regulated medical waste in North Carolina and do not require treatment before final disposal.

This approval is valid until such time as it has been determined that this treatment technology for these waste types no longer meets the requirements of the rules for the regulation and treatment of medical waste and/or does not meet the State's goals regarding waste management.

Should you have any questions regarding this matter you may contact me at (919) 707-8245 or Bill Patrakis at (919) 707- 8290.

Sincerely,

Ellen Lorscheider
Environmental Programs Manager

Cc: Bill Patrakis, Environmental Scientist