



North Carolina Department of Environment and Natural Resources

Beverly Eaves Perdue
Governor

Division of Waste Management
Dexter Matthews
Director

Dee Freeman
Secretary

June 7, 2012

Catherine M. Byrd
Wager Regulatory Associates Inc.
PO Box 640
7217 Lancaster Pike, Suite A
Hockessin, Delaware 19707

Dear Catherine M. Byrd:

This is in response to your letter requesting approval of the Liqui-Loc Plus technology for the solidification and treatment of suction canister liquid waste as described in your letter of request for approval dated April 30th, 2012

According to documents submitted by Wagner Regulatory Associates, the documented agent for Medline Industries, Inc., the distributor of Liqui-Loc Plus, the Liqui-Loc technology is a product registered by Zappa Tec, LLC as "Zapout" with the US Environmental Protection Agency. "Zapout" is marketed by Medline as Liqui-Loc Plus, is to be used to encapsulate, solidify and treat blood and body fluids in suction canisters using 5.6% available chlorine as the active treatment ingredient.

In documents and test reports submitted to the Department by Wagner Regulatory Associates, the Liqui-Loc Plus technology demonstrated effective treatment of microbial test agents.

This product is approved solely for its intended purpose as an encapsulation and treatment system of blood and body fluids in suction canisters as stated in the "Directions for Use" on the label by the distributor.

This approval is valid until such time as it has been determined that this treatment technology for this waste type 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