



State of Tennessee
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Solid Waste Management
Johnson City Environmental Field Office
2305 Silverdale Road

Johnson City, Tennessee 37601-2162
(423) 854-5400 STATEWIDE 1-888-891-8332 FAX (423) 854-5401

January 5, 2017

Mr. John Taylor
Chemical Technologies
#5 Tony Fuller Road
Elizabethton, TN 37643

RE: NOTICE OF SPECIAL WASTE APPROVAL DETERMINATION
Chemical Technologies
Disposal of Filter Press Solids into the Iris Glen Environmental Center (SNL 90-0262)

Dear Mr. Taylor:

Rule 0400-11-01-.01(4)(b) of the *Solid Waste Processing and Disposal Regulations*, promulgated under the authority of the Tennessee Solid Waste Disposal Act, states that: "Except as may be specifically allowed in the permit, an operator may not accept for processing or disposal at his facility any special waste unless and until specifically approved to do so in writing by the Department."

Chemical Technologies has applied in a December 29, 2016 certified Special Waste Application to the Division of Solid Waste Management (DSWM) for approval to dispose of Filter Press Solids in the Iris Glen Environmental Center (SNL 90-0262). The estimated quantity to be disposed is 4 tons on a one time basis.

Based upon the information provided in the December 30, 2016 certified Special Waste Application, the DSWM has determined the waste exhibits one or more of the Special Waste Characteristics listed in the DSWM's *Special Waste GUIDANCE* (PN135), but is not a hazardous waste and/or a TSCA PCB regulated/restricted waste, and it can be safely managed at a Tennessee Solid Waste Permitted Facility. Therefore a one-time disposal of 4 tons of filter press solids is approved to be disposed of in Iris Glen Environmental Center (SNL 90-0262) provided compliance with the following conditions:

1. Chemical Technologies and the Iris Glen Environmental Center must maintain a copy of the Special Waste Application and the DSWM Waste determination letter for review/copy by the DSWM as long as the waste is generated and managed in the Tennessee Solid Waste Permitted Facility in order for the determination to remain valid.
2. The waste may not be taken to a transfer station or other intermediary facility and comingled with other wastes prior to being transported to the disposal facility.

3. If the facility operator rejects the waste for any reason, the DSWM must be immediately notified.
4. Advance notice must be given to the facility operator prior to receiving the waste or a routine schedule established if disposal is continuous. Good communication should be maintained between generator and landfill operator to allow flexibility.
5. The waste is similar to that previously observed by John Webb.
6. The waste is generated by processing dissolved caustic through a filter press.
7. No free liquids may be present.
8. The landfill operator must have prior notice or a prearranged schedule prior to transporting the waste to the facility.
9. Waste must be in containers approved by this Division.
10. The drums must be in good condition with a metal rim/bolt or a complete metal band.
11. If at any time the landfill operator decides not to handle the waste, he shall notify this office immediately.

If the characteristics of a waste change due to any changes in the process generating the waste and/or any changes in the types or amounts of materials in the waste, then Chemical Technologies must stop shipping the waste to the Tennessee permitted facility and submit a new Special Waste Application.

This determination is only for the waste described herein. The addition of any other waste not identified in this letter will require re-evaluation. Be advised that the facility operator may refuse to accept any special waste, even if it has been approved in writing by the DSWM.

If you have any further questions, please do not hesitate to contact me at 423/854-5434 or Bethanie.Glynn@tn.gov.

Sincerely,



Beth Glynn, CHMM
Environmental Consultant
Division of Solid Waste Management
Johnson City Environmental Field Office



Chris M. Lamb
Field Office Manager
Division of Solid Waste Management
Johnson City Environmental Field Office

cc: DSWM, Central Office (electronic)
DSWM, JCEFO File 90-6-5 SW 4126
Waste Management