

9443.1986(02)

SPENT IRON SPONGE REGULATION AND TREATMENT

JAN 17 1986

Mr. Jack Corpuz
Indiana State Board of Health
1330 West Michigan St.
Indianapolis, IN 46206

Dear Mr. Corpuz:

This is a follow up to our conversation of January 14, 1986 concerning spent iron sponge. A spent iron sponge material which evolves more than 500 mg/kg H₂S is considered reactive by our current reactivity method. The Department of Transportation (DOT) requires a ten day period of exposure to the atmosphere as a stabilization time prior to shipment (40 CFR 173.174). The facility performing this stabilization requires a permit from the EPA to operate (40 CFR 270.10), and if they can show that the waste is nonreactive after treatment, then the waste's disposal can be regulated as a non-reactive material.

Enclosed is a copy of an iron sponge report which may be of interest to you. If you have any further questions, please give me a call (202) 745-6722.

Sincerely yours,

Original Document signed

Gail Ann Hansen
Environmental Health Scientist
Methods Program (WH-562B)

Enclosure