cmamedia.txt
Monsanto's W.G. Krummrich plant, Sauget, Ill.

Recent waste minimization examples for CMA teleconference

1) Monsanto's Krummrich plant will soon begin installation of a multi-million dollar crystallizer project on its paradichlorobenzene unit. The project, which is scheduled for completion by mid-1990, will reduce air emissions and water discharges of the chemical by 90 percent. In addition to environmental improvements, the project is expected to improve product quality and reduce costs. PDCB is a chemical used in the manufacture of thermoplastic resins, moth balls and deodorant blocks.

2) Krummrich recently completed improvements in its hydrochloric acid recovery operation which will allow it to recover from a process significantly more of the chemical in 1989 than in 1988. This recovered material will be sold to other manufacturers.

3) A scrubber will soon be installed on the Krummrich Plant's Nitrochlorobenzene (NCB) unit. The scrubber uses a solvent instead of water which allows recovery of both the solvent for reuse in the scrubber and of the product for sale to customers. This technology will result in a reduction of 20,000-30,000 pounds of NCB from wastewater discharges per year.

File - Krummrich plant

DSW 136611

PREPAREDNESS STATEMENT
COLOR VARIANCE
AMERICAN BOTTOMS

The yellow color of the American Bottoms effluent has been an issue for the past year. The Illinois EPA has many effluent quality standards including pH, suspended solids, biological oxygen demand and color. The American Bottoms effluent currently exceeds the no obvious color standard. When the American Bottoms plant was designed, an activated carbon process was to have removed many of the chemicals which account for the color, but that system failed shortly after the plant's start-up. Last September, the Village was granted a one year variance, allowing it time to address the color issue.

Monsanto discharges some chemicals which contribute to the yellow color of the American Bottoms effluent. Through its recently announced $20 million wastewater pretreatment system, many of those chemicals currently thought to contribute to effluent color will be significantly reduced prior to discharge to American Bottoms. This removal will improve the quality and color of the discharge from American Bottoms.

It is important to stress, however, that color does not imply toxicity. American Bottoms is operating within its discharge permits nearly 100 percent of the time and Monsanto is complying with all its discharge permits in what it sends to American Bottoms.

DIANE BARTOLANZO

Glynn -
This statement has been approved by Max, Pete Smith + Brent Gilhousen. They ok'd no press release -
Diane

File - Krummrich

DSW 136612

STLCOPCB4036573