



INTER-ORGANIZATION MEMO

TO: H. E. Jewett

ATTENTION:

FROM: Jerry Brumbaugh

DATE: October 7, 1980

SUBJECT: U.S. EPA Inspection Report

cc: A. D. Jeffrey D. P. Slota E. S. Kierstead
E. K. Kolinek C. P. Bowie H. O. Graff
R. W. Laundrie R. L. Jackson E. R. Senra

RECEIVED

OCT 13 1980

R. W. Laundrie

cc. W.C. Long
R. Laundrie
10/13 x

3/22/81
"

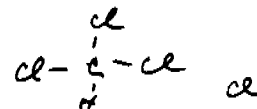
The U.S. EPA inspection of our plant on January 22 - 23, 1980 reported the following:

1. Our plant effluent has a high level of zinc -- 0.171 mg/l reported. Ohio EPA allowable level is 0.095 mg/l.

2. Eleven (11) volatile organics were found --

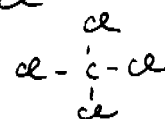
a. Chloroform *

74 ug/l



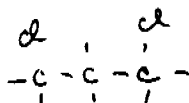
b. Carbon tetrachloride *

4.5 ug/l & 5.7 ug/l



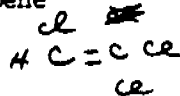
c. Trans-1,3-dichloropropene

5.5 ug/l



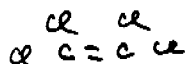
d. Trichloroethylene *

290 ug/l, 28 ug/l, 19 ug/l



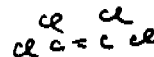
e. 1,1,2,2-tetrachloroethane

1.0 ug/l



f. Tetrachloroethylene *

3.4 ug/l, 1.7 ug/l



g. Toluene



5.6 ug/l, 0.5 ug/l

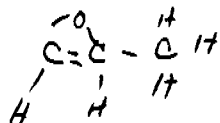
h. Chlorobenzene *



4.0 ug/l

i. 1-methoxy-1 propene

670, 21, 660 ug/l



j. 1,1 oxybisethane

5.3 & 460 ug/l



k. 1,1,2 trichloro-1,2,2 trifluoroethane 4.9 & 1.6 ug/l

"The first eight of the compounds tested above are priority pollutants and the five compounds with an asterisk are known or suspected carcinogens."

GENC 19307

3. Three (3) non-volatile organics were found:

- a. Bio (2-ethylhexyl) phthalate 2.4 ug/l
- b. Phenanthrene 0.5 ug/l
- c. Anthracene 0.5 ug/l

Bio (2-ethylhexyl) phthalate is a phthalate ester and can be detrimental to aquatic organisms at low water concentrations. Three (3) mg/l is the fresh water criterion. "Although the level detected in the plant discharge is below this criteria its presence still may be of some concern."

- 4. The sludge from the ponds is taken to Reserve Environmental Services landfill. The report states -- "This material may contain a large number of organic priority pollutants and possibly a high concentration of zinc."
- 5. "Other wastes which include trash, paper bags and reactor cleanings are sent to Doherty Landfill in Geneva, Ohio. General Tire is currently talking to Reserve Environmental Services, Inc., however, about the possibility of accepting reactor cleanings."

The results of this inspection point out some problems we may have with our water and our solid wastes. We are presently trying to identify the sources of the organics and the zinc.

Likewise, new NPDES permit regulations will require additional testing for organics, metals, etc. Have requested the necessary forms to start our application for an NPDES permit which expires on March 31, 1981.

JB:sm


Jerry Brumbaugh