

TEXTRON Lycoming

Stratford Division
Textron Lycoming/
Subsidiary of Textron Inc.

550 Main Street
Stratford, CT 06497
203/385-2000

June 26, 1992

DMR Processing/Room 1
DEP/Water Compliance
122 Washington Street
Hartford, CT 06106

RE: DMR Permit Number CT00002984

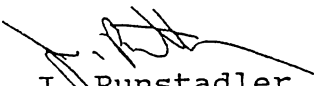
Dear Sir:

Enclosed is the completed Discharge Monitoring Report (DMR) for the Textron Lycoming Stratford, Connecticut plant for the month of May 1992.

During the month of June 1992, four of the pump houses experienced emergency abort discharges during two separate rain events. One of the discharges was above the maximum daily limit for total oil & grease and four of the discharges were above the maximum limit for total suspended solids. The concerns with the abort discharges, exceeding the permit limits are being addressed under an Administrative Order from the Environmental Protection Agency.

Discharge 005 experienced an equipment malfunction during the abort that prevented a sample from being taken. The relay to trigger the sample collection is being moved to ensure sample collection during the next abort.

Discharge 008 failed both the acute and chronic aquatic toxicity tests for the *Mysidopsis bahia* and the chronic toxicity test for the *Cyprinodon variegatus*. The associated chemical analysis indicated that high levels of copper in the discharge probably caused the toxicity problems. In response to previous toxicity concerns, a toxicity investigation is being conducted in an attempt to determine the cause(s) of the toxicity. A toxicity evaluation on the discharge showed complete removal of the toxicity using a C18 resin filter. Whether non-polar organics were the cause of the toxicity or whether it was the size of the filter itself which removed the toxicity has yet to be determined. The toxicity evaluations are continuing on a regular basis.


J. Runstadler
Environmental Services