

TEXTRON Lycoming

Stratford Division
Textron Lycoming/
Subsidiary of Textron Inc.

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

July 24, 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 June 1992.

During the month of June 1992, all six (6) of the pump houses experienced emergency abort discharges during high rain events. A number of the discharges exceeded the permitted limits for total suspended solids and oil & grease. These high levels of suspended solids and oil & grease are currently being addressed under an Administrative Order from the Environmental Protection Agency. An engineering plan to correct the problem has been submitted to the EPA and Connecticut DEP and efforts are under way to implement corrective action procedures.

A number of equipment malfunctions occurred during the sample collection of the emergency abort discharges. These are automatic samplers that trigger off the operation of the abort discharge pumps. Because of the age of the controls for the abort pumps and the delicate nature of the automatic samplers, occasional malfunctions in the equipment result in missed samples. In order to improve the situation, new pump controls are being installed during the Oil Abatement Plant renovation planned for later this year and backup samplers have been ordered in case of a malfunction in the sampler.

Discharge 008 failed the second quarter chronic aquatic toxicity test for the *Mysidopsis bahia*. The associated chemical analysis failed to identify a specific cause for the toxicity. In response to this and previous toxicity concerns, a toxicity investigation is being conducted by New England Bioassay Inc. in an attempt to determine the cause(s) of the toxicity.