

TEXTRON Lycoming

Stratford Division
Textron Lycoming /
Subsidiary of Textron Inc

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USA
Tel 203/385-2000
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March 19, 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 February 1992.

Textron's chemical wastewater treatment plant experienced an accidental discharge water with a high concentration of lime, polymer, aluminum and magnesium compounds and a high pH on February 20, 1992. This incident was the compound effect of both an acid probe malfunction and sludge rake motor malfunction that resulted in a sludge bed inversion. The discharge exceeded a pH of 9.5 for eight (8) hours from 12 PM Friday, February 21, 1992 to 8 AM Saturday, February 22, 1992. A maximum pH of 11.5 was reached during this period.

Mr. Dan Holland of the Connecticut DEP reviewed the situation on February 25, 1992 when he was visiting the facility on a routine water inspection and Mr. Richard Mason of the Connecticut DEP was notified in writing of the details of the incident.

Discharge 008 failed the chronic aquatic toxicity test for the Mysidopsis bahia. This test was performed because of a failure in the January 1992 aquatic toxicity test and will be done again during the month of March 1992.

The chemical analysis performed along with the aquatic toxicity test failed to indicate a cause for the chronic toxicity problem. Subsequent additional analyzes and survey of the manufacturing processes and chemicals have also failed to indicate a cause for toxicity in the discharge.

* Logged: _____
 * Entered: _____
 * Checked: _____

Facility: TEXTRON LYCOMING
 Address: 550 SOUTH MAIN ST.

Contact: JOHN FLEMING
 Town: STRATFORD

Phone: 385-2000
 State: CT Zip: 06497

STATEMENT OF ACKNOWLEDGEMENT

I certify under penalty of law that this document and all attachments were prepared under by direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information. The information is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Official: Robert J. Dennis
 Signature: [Handwritten Signature]

Title: Director, Mfg. Services
 Date: 3-20-92

Key: 3 138 023 00 1 Discharge : 008 Average Flow: 192,000 GPD METAL FINISHING Sample Month: FEBRUARY 1992

SAMPLE DATE(S): 1 2/6/92 2 2/13/92 3 2/22/92 4 2/27/92 5 _____

FREQ	TYPE	UNIT	PARAMETER	AVERAGE	MINIMUM	MAXIMUM	1	2	3	4	5	
505	910710	019	W GSA MG/L	CYANIDE TOTAL	ND	XXXXXXX	ND	ND	ND	ND	ND	Detection Limit 0.05 mg/l
626	910710	007	M T GPD	FLOW, TOTAL SAMPLING DAY	128,673	XXXXXXX	228,466	* 181,500	155,628	204,666	159,324	
629	910710	079	M H HR/DAY	HOURS OF DISCHARGE	24	XXXXXXX	24	* 24	24	24	24	
113	910710	019	W DC MG/L	IRON	0.05	XXXXXXX	0.09	* 0.09	0.06	0.02	0.04	
119	910710	019	W DC MG/L	NICKEL	0.02	XXXXXXX	0.05	* 0.05	0.01	0.01	0.01	
609	910710	012	W RC SU	PH	XXXXXXX	7.9	11.5	* 7.9/8.3	8.0/8.3	8.5/9.0	8.2/8.9	
614	910710	019	W DC MG/L	TOTAL SUSPENDED SOLIDS	0.30	XXXXXXX	0.60	* 0.20	0.20	0.20	0.60	
628	910710	019	W GSA MG/L	TTO (TOTAL TOXIC ORGANICS)	0.066	XXXXXXX	0.114	* 0.035	0.078	0.039	0.114	
127	910710	019	W DC MG/L	ZINC	0.01	XXXXXXX	0.02	* 0.01	0.02	0.01	0.01	
686	910710	09A	Q DC P/F	Aquatic Toxicity, Acute	P	XXXXXXX	P	* P				
687	910710	09A	Q DC P/F	Aquatic Toxicity, Chronic	F	XXXXXXX	F	* F				