



RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-222-4462

July 22, 2011

Mr. Greg Simpson, Project Manager
Textron, Inc.
40 Westminster Street
Providence, RI 02903

**RE: Remediation General Permit Application #: RIG85E003
Textron, Inc. – Former Gorham Manufacturing Facility**

Dear Mr. Simpson:

Enclosed is the final authorization to discharge treated waste waters associated with contaminated dewatering at the above-mentioned site under the Rhode Island Pollutant Discharge Elimination System (RIPDES) Program. The Authorization to Discharge should be attached to a copy of the 2008 RIPDES Remediation General Permit and be kept on-site as verification of authorization to discharge. All terms and conditions, outlined in the RIPDES Remediation General Permit, must be met. Any permit non-compliance constitutes a violation of Chapter 46-12 of the Rhode Island General Laws of 1956, as amended, and is grounds for enforcement. For future references and inquiry, the permit number for this project is RIPDES No. RIG85E003.

Information detailing sampling and testing procedures, monitoring period, and due dates are outlined in part II.B of the RIPDES Remediation General Permit. Since the proposed discharge duration is 3 days (1 day for well development and 2 days for the pump test), this section will require that influent and effluent samples be taken on the 1st and 3rd day and analyzed using 72-hour turnaround time. If the pump test will last longer than 3 days, any additional sampling must be conducted in accordance with part II.B, including sampling on the 6th day using a 72-hour turnaround. All sampling shall be reported on Discharge Monitoring Report (DMR) forms. Please be advised that, a copy of the DMR forms and instructions will be sent to Textron in approximately one (1) month. The DMRs may be duplicated, but an originally signed copy must be sent to the RIPDES Program at the address below:

Senior Computer Operator
Rhode Island Department of Environmental Management
RIPDES Program
235 Promenade Street
Providence, Rhode Island 02908-5767

If there are any questions regarding the RIPDES Remediation General Permit, feel free to contact me at (401) 222-4700, Extension 7715.

Sincerely,

Joseph B. Haberek, P.E.
Principal Sanitary Engineer

cc: Annie McFarland, DEM (electronic)
Mark Newell, AECOM (electronic)

Traci Pena, DEM (electronic)
David Macone, AECOM (electronic)



**AUTHORIZATION TO DISCHARGE UNDER THE
RHODE ISLAND POLLUTANT DISCHARGE ELIMINATION SYSTEM**

2008 RIPDES Remediation General Permit

In compliance with the provisions of Chapter 46-12 of the Rhode Island General Laws, as amended, the

Textron, Inc.
40 Westminster Street
Providence, RI 02903

is authorized to discharge treated waste waters from the site located at

Former Gorham Manufacturing Facility
333 Adelaide Avenue
Providence, RI

to receiving waters named

Mashapaug Pond

in accordance with the conditions and requirements set forth in the 2008 RIPDES Remediation General Permit including but not limited to the effluent limitations and monitoring requirements associated with Discharge Category E discharging to Non-Class AA Waters with a Dilution Factor of < 5. The specific pollutants for which monitoring requirements and effluent limitations under Discharge Category E must be met are indicated in the attached limitations page. Pollutant specific permit limitations and monitoring frequencies are listed in Part II.D.14 and Part II.E for Dilution Factors < 60 of the Remediation General Permit. All groundwater pumped at the site shall be treated using the system described in the plans submitted to the Department on July 14, 2011. The treatment and discharge flow rate shall not exceed 75 gpm.

Coverage under the RIPDES Remediation General Permit and the authorization to discharge shall become effective on date of signature.

Coverage under the RIPDES Remediation General Permit and the authorization to discharge shall expire at midnight, on September 30, 2013.

The issuance of this authorization does not relieve the permittee from compliance with any other applicable laws or regulations administered by the Department of Environmental Management or any other governmental entity.

Signed this 22nd day of July 2011.



Eric A. Beck, P.E., Supervising Sanitary Engineer
Office of Water Resources
Rhode Island Department of Environmental Management
Providence, Rhode Island

The following table indicates which pollutants within Discharge Category E, Non-Class AA Waters for dilution factors < 5 are applicable to Permit No. RIG85E003.

Pollutant	Monitoring & Limits Are Applicable If Checked	Pollutant	Monitoring & Limits Are Applicable If Checked
Flow	√	Total Group I PAHs	
Total Suspended Solids	√	Benzo (a) Anthracene	
Total Residual Chlorine		Benzo (a) Pyrene	
Total Petroleum Hydrocarbons		Benzo (b) Fluoranthene	
Cyanide		Benzo (k) Fluoranthene	
Benzene		Chrysene	
Toluene		Dibenzo (a,h) anthracene	
Ethylbenzene		Indeno (1,2,3-cd) Pyrene	
Total Xylenes (m,p,o)		Total Group II PAHs	
Total BTEX		Acenaphthene	
Ethylene dibromide		Acenaphthylene	
Methyl-t-Butyl Ether (MTBE)		Anthracene	
Tert-Amyl Methyl Ether		Benzo (ghi) Perylene	
Carbon Tetrachloride		Fluoranthene	
1,4 Dichlorobenzene		Fluorene	
1,2 Dichlorobenzene		Napthalene	
1,3 Dichlorobenzene		Phenanthrene	
Total Dichlorobenzene		Pyrene	
1,1 Dichloroethane	√	Total Polychlorinated Bipheyls	
1,2 Dichloroethane		Antimony (total recoverable)	√
1,1 Dichloroethylene	√	Arsenic (total recoverable)	
cis - 1,2 Dichloroethylene	√	Cadmium (total recoverable)	√
Dichloromethane		Chromium III (total recoverable)	√
Tetrachloroethylene	√	Chromium VI (total recoverable)	√
1,1,1 Trichloroethane	√	Copper (total recoverable)	√
1,1,2 Trichloroethane	√	Lead (total recoverable)	√
Trichloroethylene	√	Mercury (total recoverable)	
Vinyl Chloride	√	Nickel (total recoverable)	√
Acetone		Selenium (total recoverable)	
1,4 Dioxane	√	Silver (total recoverable)	
Total Phenols		Zinc (total recoverable)	√
Pentachlorophenol		Iron (total recoverable)	√
Total Phthalates		----	----
Bis (2-Ethylhexyl) Phthalate		----	----