

1 August 2011

Ms. Stephanie Wilkes  
Environmental Engineer  
Toray Plastics (America), Inc.  
50 Belver Avenue  
North Kingstown, RI 02852-7500

Dear Ms. Wilkes:

The Department of Environmental Management, Office of Air Resources has reviewed and approved your request to install and operate a temporary thermal oxidizer during the month of August 2011 while Toray conducts maintenance activities on its Adwest Technologies regenerative thermal oxidizer (Approval No. 1420). The existing regenerative thermal oxidizer (Air Pollution Control Device C004) controls emissions generated from the polymerization vessels vacuum system (Emission Units P007-P012), the precrystallizer (Emission Unit P014), the wastewater treatment process (Emission Unit P023), the TEG pit (included as part of Emission Unit P023), the Lumirror Film L1 & L2 subextruders (Emission Units P068-P069), the die and filter cleaning process, the recovered ethylene glycol still (Emission Unit P098), and the scrap extruder (P109).

Enclosed is a minor source permit issued pursuant to our review of your application (Approval No. 2130). This approval is subject to the following conditions:

1. The temporary thermal oxidizer shall be an Envent Mobile Thermal Oxidizer System, Model No. EMTOS-2500.
2. The operating temperature of the temporary thermal oxidizer shall be maintained at or above 1500°F whenever VOC is being discharged to the device.
3. Toray shall notify this office, in writing, of the date of actual start-up of the existing Adwest Technologies regenerative thermal oxidizer
4. Toray shall notify this office, in writing, of the date of removal of the Envent Mobile temporary thermal oxidizer.
5. Toray shall maintain records of the date(s) and time(s) the Envent Mobile Thermal Oxidizer was in operation as a replacement for Air Pollution Control Device C004.

6. All activities shall be performed according to the representations of your letter dated 21 July 2011.

This approval does not relieve Toray Plastics (America), Inc. from compliance with the terms and conditions of your Operating Permit No. RI-28-08(R) and any applicable state and federal air pollution control rules and regulations.

If there are any questions concerning this approval, please contact me at 401-222-2808, extension 7110.

Very truly yours,

Ruth A. Gold  
Principal Air Quality Specialist  
Office of Air Resources

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR RESOURCES

MINOR SOURCE PERMIT

*TORAY PLASTICS (AMERICA), INC.*

APPROVAL NO. 2130

Pursuant to the provisions of Air Pollution Control Regulation No. 9, this minor source permit is issued to:

*Toray Plastics (America), Inc.*

For the following:

*Installation of a temporary, portable thermal oxidizer to control air contaminant emissions*

*generated from the sources controlled by air pollution control device C004.*

Located at: *50 Belver Avenue, North Kingstown*

**This permit shall be effective from the date of its issuance and shall remain in effect until revoked by or surrendered to the Department. This permit does not relieve *Toray Plastics (America), Inc.* from compliance with applicable state and federal air pollution control rules and regulations. The design, construction and operation of this equipment shall be subject to the attached permit conditions and emission limitations.**

Douglas L. McVay, Acting Chief  
Office of Air Resources

Date of Issuance