



## **New Jersey Department of Environmental Protection**

**September 2011**



### **Division of Land Use Regulation (DLUR) Highlights**

- 1.) Division of Land Use Regulation staff, Heather Parkinson, April Grabowski and KC Symanski, issued a CAFRA permit for a project located at the Atlantic County Utilities Authority complex which includes a municipal solid waste landfill. The applicant plans to lease a portion of the site to construct a plasma gasification facility which includes the following structures: conveyor to shredder tower, tipper/gasifier building, steam turbine/generator/condenser, package boiler, waste heat boiler/venturi building, flare, cooling tower, control room/electrical equipment enclosure and electrical equipment/interconnect. The proposed facility will be a research, development and demonstration (RD&D) facility that will conduct research on the ability of a plasma gasifier to process MSW and to create useable energy. The proposed gasifier will process approximately 150 tons per day (TPD) of municipal solid waste (MSW), including tires, to create 4 megawatts (MW) of usable energy. The applicant has proposed the preservation of 2.38 acres of forested wetland and forested upland habitat on site to mitigate for the proposed disturbance. This area will be protected from future development through a conservation easement.
- 2.) Matt Resnick of the DLUR Program issued a permit for the project to make significant roadway improvements for a section of Sea Isle Boulevard, a heavily utilized coastal evacuation route in Dennis Township, Cape May County. The road was raised about 4' feet and the substandard roadway culverts were enlarged to include tidal equalizers. The elevation of the road will allow for safe passage of the nearby residents, especially in the event of flooding or hurricanes. The project also included mitigation and protection measures for both diamond back terrapins and nesting ospreys. In addition, Matt worked with the applicant to get some excellent public access along the water edge, which we will use as a model for future projects.
- 3.) Prior to Hurricane Irene sweeping through New Jersey, DLUR Staff had put into place procedures for handling emergency permit requests. The Division reached out to all 21 Counties, all coastal municipalities and impacted Inland municipalities, and agencies such as Department of Transportation to offer assistance with their emergency work. In addition there were on-going coordination efforts with other responsible state and local agencies for infrastructure projects such as washed out roads or bridges. A significant number of emergency authorizations were issued verbally in order for emergency repairs to be conducted immediately. Emergency authorizations were issued for various projects, including repair of sink holes along roads, collapse of culverts, downed utility poles and wires, collapse of buildings, repair of retaining walls, washout of driveway culverts, and erosion of shoreline. Applicants will provide paper applications regarding the emergency work performed over the upcoming months. As the flood water recede and residents move back into their homes, we expect the number of requests for emergency authorizations to increase and staff is ready to handle this increased work load demand.