

NAPL Migration in Response to Hydraulic Controls at the Brooklawn Site near Baton Rouge, Louisiana

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Abstract. Petro-Processors of Louisiana, Inc. (PPI), a contract waste disposal company operating in East Baton Rouge Parish, Louisiana, disposed effluent from petrochemical processing industries at two waste disposal facilities, the Brooklawn and Scenic Highway sites, from 1964 to 1980. In July of 1980, the U.S. Justice Department and state and local governments jointly filed suit against PPI and several waste generators that used the site for disposal. Since mid-1980, the responsible industries along with regulatory agencies have conducted several investigations at the site. These investigations have detected chlorinated aromatic and nonaromatic hydrocarbons in samples from the soil, groundwater, and air at the both disposal sites and in surface water samples at the Brooklawn site. Organic contaminants have been detected off-site in water samples, sediments and fish. On February 16, 1984, a Consent Decree for site closure was finalized with the participation of all parties and the court. The consent decree specified that the potential responsible parties (PRP), represented by NPC Services Inc., implement a remedial investigation, design a remedial plan and conduct long-term monitoring at the Brooklawn and Scenic Highway sites.

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