

# FINAL PLAN OF REMEDIAL ACTION



SCANNED  
JAN 21 2009  
File# 1395 B9

## Pavilion Site

5<sup>th</sup> and DuPont Streets  
Wilmington, DE

January 2009  
DNREC Project No. DE-1395

This Final Plan of Remedial Action (Final Plan) presents the Department of Natural Resources and Environmental Control's (DNREC's) determination that the excavation and removal of the impacted soils, completed under an interim action in 2008, removed the risk to the polycyclic aromatic hydrocarbons (PAHs) and pesticides from this Site.

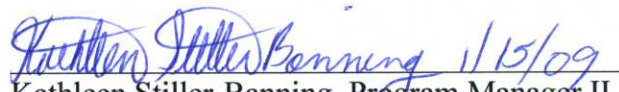
DNREC issued public notice of the Proposed Plan for the Site on Sunday, December 7, 2008 and opened a 20-day public comment period, which ended on January 7, 2009. The Proposed Plan requires no further remedial action at the Pavilion Site.

The Proposed Plan also includes the location of additional information found on the DNREC web page and in the DNREC office at Lukens Drive in New Castle.

There were no comments or questions from the public regarding the Proposed Plan. Therefore, the Proposed Plan was adopted as the Final Plan (see attached).

### **Approval:**

**This Final Plan meets the requirements of the Hazardous Substance Cleanup Act.**

  
Kathleen Stiller-Banning, Program Manager II  
Division of Air and Waste Management



## PROPOSED PLAN OF REMEDIAL ACTION

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Wilmington, DE  
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December 2008



Delaware Department of Natural Resources and Environmental Control  
Division of Air and Waste Management  
Site Investigation & Restoration Branch  
391 Lukens Drive  
New Castle, Delaware 19720

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- Figures 1 and 2
- Glossary of Terms
- Attachment: *What is a Proposed Plan?*

# PROPOSED PLAN OF REMEDIAL ACTION

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5<sup>th</sup> and DuPont Streets  
Wilmington, DE  
DNREC Project No. DE-1395



**Approval:**

This Proposed Plan meets the requirements of the Hazardous Substance Cleanup Act.

Approved by:



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**James D. Werner, Director**  
**Division of Air and Waste Management**

3 Dec 2008  
Date



Pavilion Site  
5<sup>th</sup> and DuPont Streets  
Wilmington, DE



**What is the Pavilion Site?** The Pavilion site is a piece of property made up of 4 contiguous parcels located at the northwestern corner of the intersection of 5<sup>th</sup> and DuPont Streets in Wilmington, Delaware. The property was certified as a Brownfield Site by DNREC-SIRB on August 15, 2006. Most recently, the site was used as a parking lot by St. Francis Hospital.

**Tax parcel numbers:** 26-026.20-314, 26-027.10-159, 26-027.30-001, and 26-027.30-002

**Nearest major intersection:** 5<sup>th</sup> Street and DuPont Street

**Area:** 0.3 acres

**Zoning:** Exempt Residential and Exempt Commercial

**Utilities:** Water and sewer utilities are available at the Pavilion site from the City of Wilmington; however the site is not currently connected to these utilities.

**Nearest surface water body:** A small, unnamed intermittent stream is mapped at a distance of ~1/2 mile to the north of the property, which flows northeast into the Brandywine Creek 1 mile from the site.

**Groundwater:** Shallow groundwater at the site flows generally northeast, toward the Brandywine Creek. The site is not within the 100-year flood plain of Brandywine Creek.

**Surrounding property:** Surrounding land use is residential and commercial. St. Francis Hospital occupies several properties to the north of the site.

**What happened at the Pavilion Site?** Previous owners of portions of the property used it for residential and industrial purposes which may have resulted in contamination of the soils. In addition, historical development within the City of Wilmington often used fill materials later found to contain contamination.

- The southwestern quarter of the property was occupied by residential structures from approximately 1901 until 1989.
- The southeastern quarter of the property was occupied by a large commercial/industrial building which reportedly operated as a sheet metal fabrication plant between 1968 and 1989. This building was demolished prior to 1992, at which time the entire property was paved for use as a parking area. It was purchased by St. Francis Hospital in March of 1989.
- Historical construction within Wilmington often incorporated the use of fill materials which have been found to contain high levels of metals and semi-volatile organic compounds (PAHs). Most of this fill material allegedly originated from the riverfront areas during excavation and redevelopment of former industrial properties. It is possible that this fill material was used at the Pavilion property in the past.

