

D'Imperio Property Superfund Site Hamilton Township, Atlantic Co., NJ US EPA Region II

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The D'Imperio Property Site is located in Hamilton Township, Atlantic County New Jersey. An area of the site was used as an unauthorized dump in the mid-1970's. The dump reportedly received drummed waste containing metals and various volatile organic solvents. The site was placed on the National Priority List (NPL) in 1983.

USEPA completed a source removal action in 1987 (excavation and off-site disposal of contaminated waste materials). USEPA issued an Administrative Order in 1993 for implementation of the remedial design for a groundwater recovery and treatment system.

O & M, Inc. was contracted by the PRP group to operate the groundwater treatment system.

USEPA issued an Administrative Order in 2003 for implementation of a soil vapor extraction system for additional soil remediation in the area that was previously excavated.

O & M, Inc. was contracted by the PRP group in 2002 to design, build, and operate the SVE system. The design was completed and approved, and the soil vapor extraction system was constructed in 2004. System operation began in September 2004.



Project Highlights

- ❑ **O & M, Inc.** completed the soil vapor extraction project turn-key from system design through permitting, installation, start-up and operation within thirteen months.
- ❑ **O & M, Inc.** has operated the SVE system for approximately 2 years and has removed 40,000 lbs of VOCs. Based on reduced concentrations, site closure will be requested in approximately one year.



System Specifications

- ❑ The SVE system extracts 250 cfm of vapor, and approximately 2,000 pounds of VOCs per month from thirteen extraction wells.
- ❑ Extracted vapors are passed through granular activated carbon for treatment prior to discharge to the atmosphere.