

Union Carbide Corporation – Technology Park

South Charleston, West Virginia



The Road to Reuse...

The Technology Park, originally known as the Union Carbide South Charleston Technical Center, was the largest research and development (R&D) facility of the Union Carbide Corporation (UCC). The UCC Technology Park is located on a 650-acre tract in South Charleston, West Virginia, of which approximately 125 acres are developed. From its opening in 1949 it was the source of scientific and engineering innovations that shaped the development of the chemical industry.

On December 15, 1999, UCC entered into a Facility Lead agreement with the U.S. Environmental Protection Agency (EPA) for conducting corrective action at the Technology Park. UCC reviewed existing data on



Approximate total acres and current use

Approximate Acres in Reuse: 125

Current Use:

Office space, laboratories, shops

the site's Solid Waste Management Units (SWMUs) and prioritized them based on potential risk. A Resource Conservation Recovery Act (RCRA) Facility Investigation (RFI) was conducted in 2000 and 2001. Additional groundwater monitoring wells were subsequently installed to evaluate the extent of the groundwater contamination. Groundwater monitoring has continued at the site to determine trends of volatile organic compounds (VOCs) in the subsurface.

After Union Carbide's merger with The Dow Chemical Company in 2001, Dow's corporate management announced that the campus would be made available to other tenants. As the functions of the two merging corporations were consolidated, personnel reductions created excess facility capacity. This unique property has the potential to be used for the



creation of a multi-tenant research and development technology park, modeled after the Research Triangle Park (RTP) in Raleigh-Durham, North Carolina. The RTP has attracted over 60,000 high technology jobs to that area and has formed the basis of a robust economy for the entire region.

With over 800,000 square feet of engineering, chemical R&D, computer, and product development space, the Technology Park offers many advantages to organizations or businesses involved in research, development or technical services. Facilities include laboratories, pilot plants, shops and miscellaneous offices. In addition to the physical facilities, the area offers a strong technical workforce readily accessible to the park.



www.epa.gov/reg3wcmd/correctiveaction.htm

For More Information

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