



PROJECT PROFILE:

ATRIUM MEDICAL CENTER SITE & ENVIRONMENTAL SERVICES

Summary: In a project to build a \$250 million complex with a five-story hospital and other medical buildings, LJB provided \$13 million in site and environmental design services.



PROJECT STATS

- LOCATION:** Middletown, Ohio
- CLIENT:** Middletown Regional Health Systems
- CLIENT CONTACT:** John McKinney
(513) 420-4898
- COMPLETION DATE:** 2009
- FEATURES:** Wetland delineation
Environmental investigations
Site design
Stormwater management

Site design services included mass earthwork, roadways, utility extensions, water supply alternatives, parking lots and stormwater management. The permitting includes a new wetland, which LJB established and will monitor for five years.

Environmental investigations on the initial 68 acres and the 90-acre tract surrounding it included identification and delineation of existing wetlands; marking ordinary high water marks for streams; and identifying the potential impact of future development.

During these assessments, several unregulated large tire piles and large solid waste disposal areas were identified. LJB implemented removal actions for over 5,500 tires and 3,100 tons of commercial waste. After the removal actions were complete, subsurface soil and groundwater were collected and analyzed to confirm that little impact associated with the waste material remained on-site after their removal. Asbestos waste materials were also identified at the site and its disposal was conducted per applicable state regulations.



LJB's environmental team initiated a large clean-up effort after discovering 5,000 tires and 3,000 tons of waste on the site.



Environmental services will continue into occupancy of the facilities.