



## State Parking Garage, Nashville, Tennessee

A downtown Nashville property was formerly used for coal storage, an egg breaking plant, beer warehousing, cold storage, wholesale produce sales, a roofing and paving business, steel fabrication, a foundry, housed various dwellings, a restaurant, impoundment lot, and most recently a parking lot. These former uses left behind soil and groundwater impacts with elevated levels of arsenic and poly-nuclear aromatic hydrocarbons (PAHs). Environmental assessments were completed in 2013-14 prior to the construction of the multi-level parking structure, which began in 2014.

Remediation efforts on the site included removal of approximately 169 cubic yards of soil impacted with coal and cinders, capping the majority of the soils on-site with concrete from the slab and foundation of the structure, installation of a vapor barrier underneath the footprint of the structure, capping the outlying soils with either concrete or asphalt used as sidewalks and entrance ways, and bringing in clean fill from off-site.

The Tennessee Department of Environment and Conservation's Division of Remediation staff worked closely with contractors, environmental consultants, and other State agencies to complete the development of a new four story parking garage. The state parking garage officially opened on January 4, 2016 and serves a multitude of State employees who conduct business in downtown Nashville in addition to providing parking for the nearby home of the Nashville Sounds baseball team.

The end result alleviates some of the need for parking in the downtown area, accounts for the re-use and development of three acres of impacted land, and has enhanced cooperation of multiple State agencies via the Division of Remediation's Brownfields Voluntary Cleanup, Oversight and Assistance Program which provided technical oversight for the project.



During construction of the state parking garage.



The finished parking garage.