

CETCO gas vapor barrier chosen as solution for high-profile casino project.

A \$400 million redevelopment project that will be the site for a new gaming casino was formerly an automotive factory. The primary contaminants of concern on this 123 acre brownfield site Primary concern were residual chlorinated compounds from former cleaning and manufacturing activity.



Approved LIQUID BOOT® 500 installer, Environmental Management Specialists, Inc., ensured a proper installation and a vapor-tight seal around all penetration and footings, critical vapor intrusion pathway areas that present the most potential risk for compromised indoor air quality within the structure. LIQUID BOOT® 500 can only be installed by those trained and approved by CETCO, helping to ensure a quality and reliable gas vapor membrane system for your project.

PROJECT DETAILS

Penn National Gaming - Hollywood Casino

Certified Installer: **Environmental Management Specialists**

Contractors: **Smoot Construction**

LOCATION

Columbus, Ohio, U.S.A

PRODUCTS USED

LIQUID BOOT® 500
Gas Vapor Mitigation System

GEOVENT™ Passive Venting System

CHALLENGE:

One of the challenges on this site is its large size which lent itself to higher remedial costs associated with soil removal. Another challenge was the design of the site, which included a significant amount of penetrations through the gaming floor of the casino. Lastly, a very tight construction schedule due to the clients goal for a grand opening date posed an additional challenge.

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SOLUTION:

The LIQUID BOOT® 500 vapor mitigation system, with GEOVENT™ passive venting system, mitigated long term risk against potential gas vapor from chlorinated compounds and minimized soil removal with this engineered measure in place. LIQUID BOOT® 500 is a spray-applied, elastic, monolithic membrane that allowed for reliable seals around the multiple penetrations in the structure.

RESULT:

The remedial approach utilizing the LIQUID BOOT® 500 vapor mitigation system allowed the client to develop on this larger site after initially considering a much smaller site and building layout. Installation of the LIQUID BOOT® 500 spray-applied system was completed successfully and on schedule, helping the client achieve their grand opening goal. The redevelopment of this former shuttered property is helping to lead the way for the further development of the entire West End Area of Columbus, Ohio (U.S.A).



OUR STANDARDS. YOUR PEACE OF MIND.