



## Nitra-Seal Ensures Worker Safety For New Office Campus

Land Science Provides Design Expertise to Effectively Manage the Building's Unique Foundation Layout

### Site Details

#### Location

Pennsylvania

#### Square Feet

16,000

#### Contaminants of Concern

Chlorinated Solvents

#### Building Use

Commercial Office Building

### Project Summary

An established, construction services company was developing a new corporate campus on a former industrial manufacturing site where chemical degreasing agents were used. Prior to the building's planned construction, an investigation was conducted, identifying chlorinated volatile organic compounds (VOCs) in the subsurface. Based on the investigation results, the project stakeholders specified the installation of a vapor mitigation system to address the potential VOC vapor intrusion risk to future building occupants. The consultant and their client were familiar with Land Science's full suite of vapor barrier systems and had installed their vapor mitigation technologies at other building sites in the past. The team specified Nitra-Seal® for this project based on its top-performing chemical resistance and installation efficiencies compared to other spray-applied barrier systems considered. The building's unique foundation layout required a nuanced approach and site-specific design support from the Land Science team. The Land Science Certified Applicator installed the Nitra-Seal vapor mitigation system efficiently and according to specifications, allowing the new office campus construction to proceed without delay.

### Results

Following the installation of the Nitra-Seal vapor barrier system, the new office campus meets safety and environmental regulatory requirements ensuring a safe working environment for future office workers.