



## VOC Risk Mitigated at Site of Former Chemical Manufacturer

TerraShield Chosen as Most Protective, Economical Vapor Intrusion Mitigation Solution for Large Logistics Facility

### Site Details

#### Location

California

#### Square Feet

206,000

#### Contaminants of Concern

Volatile Organic Compounds

#### Building Use

Commercial Logistics  
Warehouse

### Project Summary

A long-vacant San Francisco Bay Area brownfield was once the site of a former chemical plant that produced chlorofluorocarbons, fuel additive anti-knock compounds, and titanium dioxide from 1956 to 1997. With onsite rail service and more than three million households within 50 miles, the property was considered a prime location for a new, large logistics center development. However, the site's prior industrial history left residual volatile organic compounds (VOCs) in the subsurface and posed a potential vapor intrusion risk. Following a cost-benefit analysis and thorough evaluation of contaminant vapor barrier systems available, TerraShield® Metalized Nitrile Contaminant Vapor Barrier was selected for the new logistics building. Engineered for superior chemical resistance, TerraShield offered an ideal balance of long-term performance and economical installation. Based on these factors, TerraShield was considered by the Client and project stakeholders to be the most practical solution given the level of contaminant risk. MTN, Inc., a Land Science Certified Applicator, leveraged their extensive experience installing TerraShield to secure the project and successfully complete the installation on time and within budget.

### Results

The use of TerraShield ensures that VOC vapors will be safely mitigated. Following the installation of the TerraShield vapor barrier system, the new logistics facility meets safety and environmental regulatory requirements ensuring a safe environment for future building tenants.