

# CASE STUDY

## REMEDIATION TECHNOLOGIES



**PROJECT:** Hamlet Middle School  
**LOCATION:** Woonsocket, RI  
**SQUARE FT:** 120,000  
**APPLICATOR:** Trident Environmental, Marlborough, MA  
**ENGINEER:** Fuss & O'Neill, Providence, RI  
**PRODUCTS:** LIQUID BOOT®  
LIQUID BOOT® BaseFabric T-60  
LIQUID BOOT® UltraShield G-1000

### VAPOR MITIGATION CHALLENGES:

The applicator was held to a stringent construction schedule. There were quite a few mobilizations, meaning that the membrane had to be pieced together throughout the entire project. To make the project even more difficult, the installation was done in the middle of winter so site heating had to be arranged for install.

### THE SOLUTION:

Our products were chosen based on our company reputation, design assistance, and that we were able to accommodate the tough construction schedule. We were instrumental in helping the engineer complete the proper ventilation and membrane design. Taking into consideration the project's subgrade we chose T-60 as the proper base fabric. Since the source of concern on the job was TCE and PCE the 60 mil membrane was selected and to protect the membrane we chose G-1000 protection course. Working in conjunction with the applicator and General Contractor, we developed a solid heating plan, so the Liquid Boot could be applied, and coordinated shipping of material out to the site, so as to negate any downtime. The Engineer was satisfied with the product and installation. The General Contractor was also satisfied with timing and professionalism of the installer.

### OTHER JOBSITE IMAGES:



LIQUID BOOT® Base Fabric installation



The spray-application allows for quick and air-tight seal around all penetrations and irregularities, saving considerable time and money.



The installed spray-applied gas vapor membrane attaching to the piles themselves and conforming to the haunch.

CETCO provides a complete range of vapor mitigation and remediation products for soil, water, and sediment.



Remediation Technologies Group

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