

# Earthen Containment Area

## Project: Public Service of New Hampshire



**Public Service of New Hampshire, the State's primary electric supplier, needed to line a 7,500 sq/ft earthen fuel oil containment area.**

The area served as a secondary containment area for tanks holding No. 2 fuel oil. The liner, which would need to be chemically resistant over time, also had to comply with tough VOC regulations. Since multiple substrates were involved, other important product features included strong adhesive properties and ease of installation. The owners, who were famil-

iar with CIM products, did not hesitate to specify CIM 1061 for this challenging job.

The earth was first compacted. Next, the steel piping and the exterior of the tank was sandblasted along the bottom six inches. CIM Scrim was laid over the ground and brought six inches up the wall of the oil tank, the legs of the tank and the piping. A 60 mil base coat of CIM 1061 was sprayed into the CIM Scrim using an air-assisted airless pump system. To provide a non-skid walkway, a 15 to 20 mil tack coat was applied over a portion of the base coat within the re-coat window. An aggregate was broadcast until refusal into the wet tack coat to complete the walkway.

Bridging and adhering dissimilar materials such as concrete, steel and earth can prove difficult, but CIM Scrim and CIM 1061 successfully provided Public Service of New Hampshire with impervious chemical containment—and the satisfaction of a job well-done.



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