

Environmental Buildings Remediation Enclosure Solutions



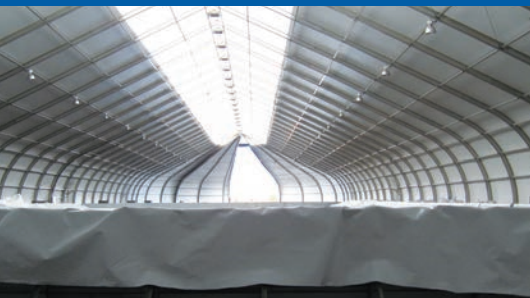
Crane Lifiable - Relocatable



Widths 30' to 200' by any length



Tall peak heights



Large clear-span interiors



Negative pressure capable



Flexible design



**Build
Faster**

Durable, flexible and rapidly deployable, Sprung structures are a reliable and cost-effective building solution for your remediation needs.

North America toll free:
1.800.528.9899
US direct dial:
1.801.280.1555
Canada direct dial:
1.403.601.2292

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Environmental Remediation

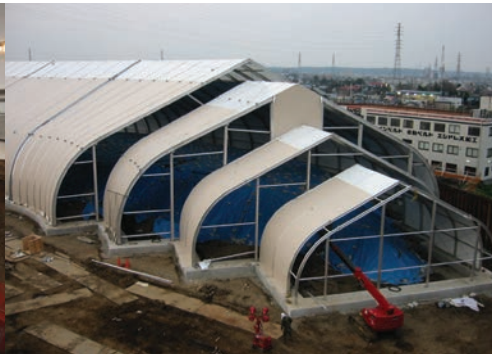
Build Faster
Engineered & Manufactured by Sprung Structures



Site Remediation Aberdeen Proving Ground, Maryland

When the Aberdeen Proving Ground, a U.S. Army research and development facility in Maryland, needed remediation work done, stakeholders turned to Sprung for help. The site was once a salvage yard and disposal area used to discard burning pit residue—a mixture of ash and highly corroded metal fragments, including lead. For the remediation, an innovative vapor containment structure was required to minimize the amount of contamination and increase solid waste diversion in a sustainable and cost-effective way.

Sprung delivered a round, 40' structure that could be relocated throughout the site by crane and anchored with ballast weights when in place. The structure also maintained negative pressure with the use of a charcoal filtration system.



Mustard Gas Remediation Samukawa, Japan

During the construction of a time-critical freeway in Samukawa, Japan, a deposit of small bottles containing mustard gas from the World War II era was discovered buried in the soil. Construction was halted immediately, as one broken bottle had the potential to kill hundreds of residents in the surrounding area.

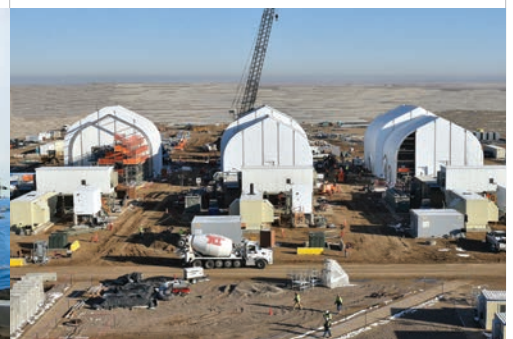
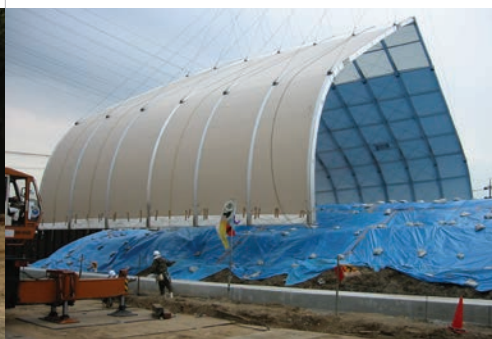
Stakeholders needed a durable, flexible structure to cover the area so the soil could be sifted through carefully. Sprung provided a large structure that featured a sophisticated negative pressure air handling system, which ensured that toxic gas would not escape into the community should a bottle break. For safety, each section of the structure was erected off the pile and crane-lifted into place. The remediation work was completed in a timely manner, without any incidents.



Pueblo Chemical Agent-Destruction Pilot Plant, Colorado

When the Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP) needed to destroy a stockpile of chemical weapons that had previously been stored at the U.S. Army's Pueblo Chemical Depot, Sprung was called upon to help. Workers needed vital protection from inclement weather as they completed the assembly and installation of three Static Detonation Chamber (SDC) units, which are large, armored vessels designed to neutralize and destroy a wide range of munitions.

Sprung designed and delivered three protective structures, each one enclosing a separate SDC unit. The clear-span design of the structures ensured workers had ample space to complete their tasks amid challenging outdoor conditions.



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