

## CASE STUDY

### PROJECT

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Alberta Health Services - Rosehaven Care Facility

### COMPANIES INVOLVED

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Western Engineered Containment (WEC)  
Enviro-Vac Division of Paragon Remediation Group  
ParklandGEO Geotechnical Engineering

### THE CHALLENGE

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The 18,000ft<sup>2</sup> Briarcrest crawl space at the AHS Resthaven Care facility has asbestos in its crawl space and needed to be remediated. Removal of the asbestos followed by a concrete seal was considered, but rejected due to the time, cost, and inevitable cracking of the concrete seal. Encapsulation was also considered and ultimately chosen as the solution due to the permanent nature of the solution, reduced time, and reduced cost.



### INSTALLATION

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Over a 17-day period in March of 2018, WEC supplied and installed a 40mil **PRECIDIUM™ ECS™** encapsulating lining system to abate the dispersion of asbestos particles into the air. Disturbance and dispersion of asbestos particles was avoided, and it was permanently encapsulated with a seamless, elastic membrane.

**PRECIDIUM™**, a Quantum Chemical trademark, is used with permission.

The entire 40mil liner was pre-fabricated offsite utilizing WEC's industry leading robotic application pre-spray system and permanently fused together onsite with **PRECIDIUM™ ECS™ Fusion**. All penetrations were permanently sealed, and the encapsulating lining system extended approximately 6" up the concrete walls.



The encapsulation project was completed one week ahead of schedule, 25% under budget, and will remain effective for the life of the building.



### CUSTOMER EXPERIENCE

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Enviro-Vac states the **ECS™** encapsulation system has become their liner system of choice due to long-term effectiveness, quick installation, and reduced cost.

For a reference on this project or any other **ECS™** installation, please contact WEC at any of the numbers below, or visit us at [www.wecontain.com](http://www.wecontain.com).