CASE STUDY

CAPE CUVIER JETTY REMEDIATION

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VERTECH

INTRODUCTION

This case study showcases a successful jetty remediation project for the client, involving the replacement of 90% of structural cross-members and the safe removal of lead-contaminated paint. By employing the innovative WEB Deck system and Sponge-Jet Vacuum Recovery Containment technology, the project was completed with minimal environmental impact and no disruption to the jetty's ongoing operations.

PROCESS

The WEB Deck system created a fully encapsulated, safe working environment that enabled blasting and painting tasks to proceed without risk. Its rolling front design ensured consistent progress, while its structural configuration distributed weight across pylons—avoiding load on the compromised understructure of the jetty. For coating remediation, Vertech used Sponge-Jet technology with a self-contained vacuum recovery system. This allowed reusable blast media to be recycled on-site, while safely capturing lead-contaminated waste in sealed 204-litre drums for licensed disposal.

OUTCOME

The tailored WEB Deck access solution maintained the structural integrity of the jetty and ensured environmental safety. Airborne contaminant levels remained well below national exposure standards throughout, with zero impact on operational activities. The project was completed without incident or production loss, delivering a safe, efficient, and environmentally responsible outcome for the client.