



Leading Edge

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Rescuing a Truck Diesel Repair Shop from EPA Fines with Effective Concrete Secondary Containment Repair

A truck diesel repair shop was on the brink of facing fines from the Environmental Protection Agency (EPA) due to the deteriorating condition of their secondary containment area what they needed secondary containment concrete repair. Recognizing the urgency of the situation, Unconventional Solutions was called upon to provide a timely and effective solution to bring the containment area up to compliance standards.



The area in need of repair was primarily constructed of concrete, including both the floors and the walls of the secondary containment. Concrete, while durable, can deteriorate over time, especially in industrial settings with exposure to harsh chemicals and heavy wear. Unconventional Solutions implemented a comprehensive repair strategy, focusing on both the structural integrity and chemical resistance of the containment area.

Concrete Lining Repair: The team began by repairing the concrete lining of the containment area. This involved rebuilding the floor using **RESICHEM 576 Quartz Screed**. The vertical surfaces on the walls were rebuilt using **RESICHEM 571 Concrete Repair LW**.

Priming and Sealing: After the structural repairs were completed, the area was primed with **RESICHEM 503 SPEP** and sealed with **RESICHEM 511 UCEN**.

For a robust and compliant **solutions in secondary containment repair**, look to Unconventional Solutions for all your repair needs.



DATES TO REMEMBER

June 7
Unconventional Solutions Annual Client Appreciation Golf Outing - Ohio
(Miamisburg, OH)

June 14
Unconventional Solutions Annual Client Appreciation Golf Outing - Michigan
(Milford, MI)

July 25
2024 SEMPPE Annual Golf Outing
(Milford, MI)

October 14
AMPP Eastern Conference 2024
(Grand Rapids, MI)



Resimac Resimetal 108 Pipe Repair Tape is a high performance rapid curing moisture activated repair bandage specifically developed for the repair of leaking pipes. **108 Pipe Repair Tape** is ideal for systems

operating up to 218psi with a maximum operating temperature of 120C. The tape is manufactured from woven polyester fabric which is impregnated with a polyurethane resin that is activated by water. The pipe repair bandage can be applied to leaking pipes and be fully cured within 30 minutes.



Denso Archco 426 Epoxy: Ultra-High Solids Lining for Potable Water Systems is a two-part, ultra-high solids, low-VOC, drinking water safe epoxy lining for immersion service in potable water pipes and storage tanks.

It does not require induction and may be applied in one or two coats.

Engineered to offer robust, long-lasting protection for critical water infrastructure components, simplifying maintenance and ensuring compliance with health safety standards.



Duromar HPL-1110 Lining: Enhanced Flexibility and Corrosion Resistance HPL-1110 is a flexible, low viscosity, easy to use coating system used on structural

steel, tank exteriors or other areas where extra corrosion resistance is required. It is shipped DOT non-corrosive.

The unique formulation of Duromar HPL-1110 ensures it remains flexible, making it an ideal solution for surfaces that require a coating able to accommodate movement or environmental changes. Its low viscosity contributes to its ease of application, allowing for smooth, even coverage on a variety of surfaces.



Unconventional Solutions, Inc.
Partnering with Your Industry to Repair - Protect - Upgrade

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