



Our Mission

To provide safe and compliant solutions to protect human health and the environment.

Our Vision

To be the premier provider of comprehensive environmental services.

Shared Values

Permission to Play

- · Protecting the Environment
- Safety and Compliance
- Doing the Right Thing, the Right Way
- Living the Humble, Hungry, and Smart Virtues

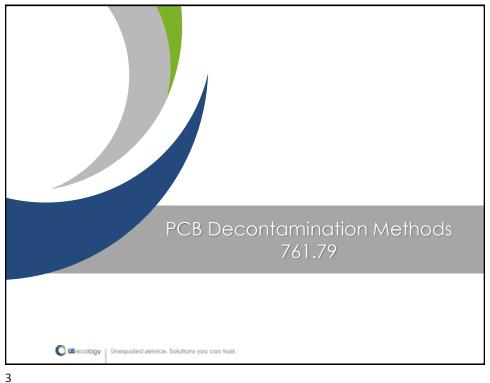


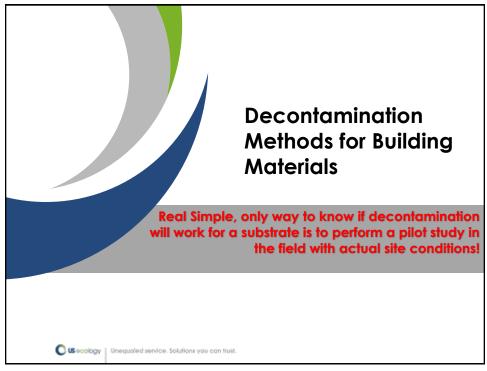
How We Win

- Service Excellence
- Being a Trusted Partner
- Innovative Solutions
- Being "One Team"

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PCBs In Building Materials Likely affected areas? •Window and door frames •Non-porous Surfaces •Masonry joints •Roofs •Expansion joints •Painted surfaces •Porous Surfaces •Porous Surfaces •Elevator shafts •Electrical Equipment •Transformers •Light Ballasts

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Migration Pathways Where do PCBs Leach/Spread? •Abutting surfaces •Underlying/surrounding soils •Porous surfaces and substrates (wood, concrete, pavement) •Dust

Decontamination Methods 761.79

Regulations originally intended for Electrical equipment decontamination

Decontamination Methods/Approach may require a submittal to the EPA Regional Administrator for review and approval.

Commonly used products for Porous & Non-Porous Surfaces:

- CAPSUR®
- DeconGel™
- Chemical Solvents*

*The use of solvents can also increase the mobility of PCBs in a substrate which may allow further migration into porous surfaces/substrates.

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Decontamination Methods 761.79

Application for Porous & Non-Porous Substrates/Surfaces:

- Remove all surface debris
- Apply decon product per manufacturers specifications. CAPSUR® can be applied as a foam with an applicator which can be useful on ceilings and vertical surfaces.

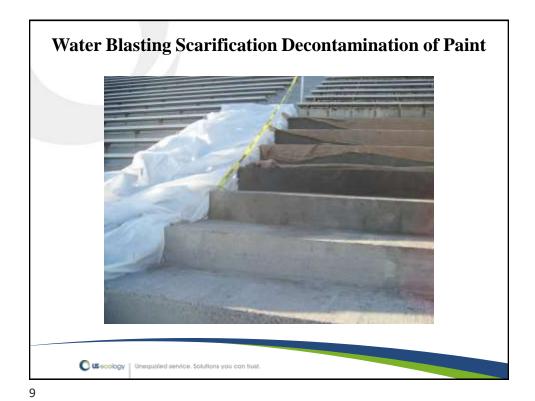
Decontamination Objective:

Non-Porous Surfaces: PCBs <10ug/100cm⁽²⁾ as measured by a standard wipe test. Also for concrete if decon is commenced within 72 hours of the initial spill of PCBs. Porous Substrates: PCBs <1ppm without encapsulants or a restriction of property and monitoring.

Again, pilot testing of surfaces prior to performing a full decontamination is warranted based upon many factors (See Below from Integrated Chemistries and Capsule Laboratories, Inc.)

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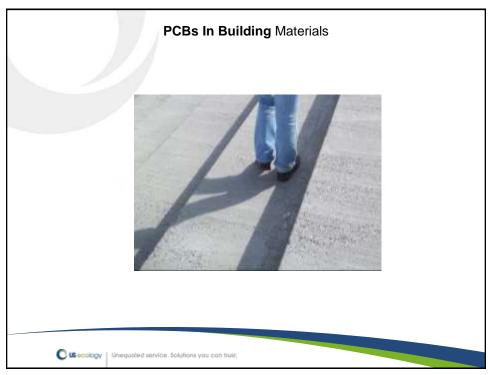


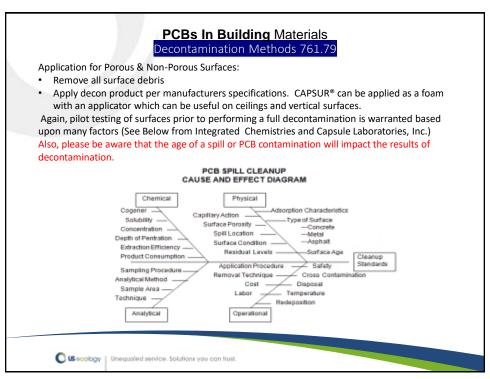
Grinding Scarification Decontamination of Painted Surfaces

- Either performed in Full Containment
 - Level C (Respirators or Supplied Air)
 - Best with HEPA Vacuum Attachments
 - Many options for types of grinders
 - Walk behind and Hand-Held Grinders
 - Capable of Removing Multiple Layer of Paint
 - Capable of Removing Concrete evenly in Depth
 - Depths vary depending upon concrete and rebar

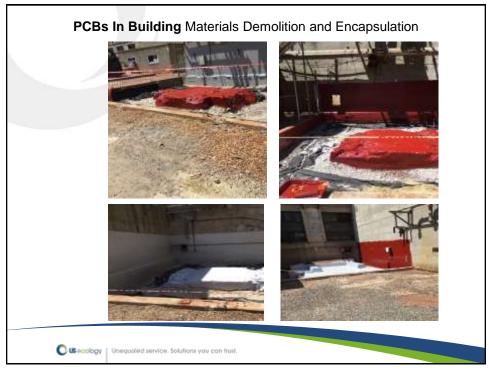


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Confidential Town- Elementary School PCB Contaminated Caulking Removal

Project Obstacles:

- · Time sensitive schedule
- Dry time of multiple coats and climate
- · Surfaces that would not allow epoxy paint to adhere

Alternate Encapsulation Solution:

Rigid metal panels vs. epoxy coating

- Alternate solution prevents exposure and contact to adjacent wall surfaces
- Rigid system would protect young children against contact into the exposed cracked joints
- Reduce maintenance from graffiti scratches
- · Can be removed for demo





PCB Contaminated Caulking Removal and Encapsulation

Contracted to remove and encapsulate PCB-containing caulk found at the Elementary School that was discovered during a hazardous materials review conducted in August of 2012.

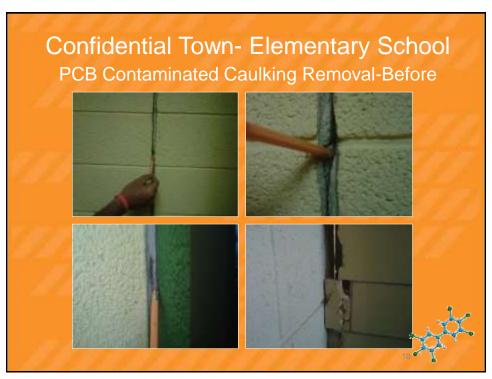
Contract awarded in mid-August with the new school year set to begin at the end of August, the timeframe was extremely tight, approximately one week to complete the abatement and encapsulation. Successfully expedited the required EPA submittal and review process due to the diligent efforts of experienced personnel and a team approach.

Provided a value-engineered solution, improving the original plans that included an epoxy paint encapsulant with an alternate rigid metal over the remaining PCB containing material to encapsulate it after the abatement.

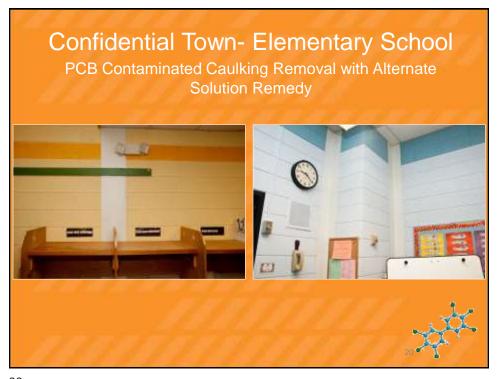
In order to prevent an unacceptable delay in the start of the school year, we worked closely with the Town's engineer/consultant and the EPA to accomplish the project on-time through an innovative alternative solution.



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Summary

- · A well developed PCB Work Plan is one of the most important steps for EPA acceptance and execution of the abatement/remediation.
- Highly Trained and Experienced Remediation Contractor is Key to Success.
- A Teaming Relationship with the Engineer, Consultant, Client and Remediation Contractor is extremely beneficial for Successful Project Execution.



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Disposal Options for PCB Waste Bulk Product Waste: TSCA Landfill Subtitle D landfills approved and willing to accept PCB **Bulk Product Waste.** Remediation Waste: Greater than 50ppm - TSCA Landfills or Incineration Less than 50ppm - Subtitle D Landfills approved and willing to accept PCBs less than 50 ppm with an EPA Approved Self Implementing Plan C US ecology | Unequaled service. Solutions you can trust. 22



