

DISINFECTION & CLEANING HAZARDS

Presented by:

Gary Babb

Steven Downs



KNOW YOUR AUDIANCE

- INTERPERTATION
 - C&D or CD
 - In the agriculture industry means Cleaning and Disinfection
 - In the environmental field means Construction Debris



WHAT'S YOUR PLAN?

- Do you have a written plan?
- Has your plan been reviewed & approved?
- Is it a working plan?
- The best executed plans are those which have been soiled, torn, worn and written on

OSHA	EPA	DOT
29CFR	40CFR	49CFR

CORE COMPONENTS OF YOUR PLAN

- Cleaning Techniques
 - Considerations
 - Situation
 - Time of year
 - Composition of site / building
 - Adequate water supply
 - Ample energy source
 - Can you secure the work site?
 - Integrity of the structure
 - Lock-out / Tag-out
 - Hire an electrician
 - Health & Safety



CORE COMPONENTS OF YOUR PLAN



- Cleaning Techniques (*continued*)
 - Dry Cleaning
 - Compost or Containerize?
 - Removal of animals and carcasses first
 - Eliminate organic and non-organic matter
 - Implement Rodent Control
 - Shovel, scrape, sweep and blow*
 - Walk through to ensure your intent has been met



CORE COMPONENTS OF YOUR PLAN

- Cleaning Techniques *(continued)*
 - Wet Cleaning (basic steps)
 - Soaking, Washing, Rinsing, Drying
 - Walk through to ensure you have met your expectations
 - Sampling to determine if you have achieved your goal



CORE COMPONENTS OF YOUR PLAN

- Disinfection
 - Choose the appropriate chemical agent
 - Many disinfectants on the market
 - Is yours EPA approved?
 - Dilution is the solution
 - How much area to decontaminate?
 - Anticipated volume of disinfection solution?



CORE COMPONENTS OF YOUR PLAN

- Disinfection *(continued)*
 - Method of delivery?
 - Injection
 - Atomizer / Pump sprayer
 - Decontamination of equipment resources
 - Disinfection of the cab
 - Wheel wash & inside fender station
 - Vehicle Plan

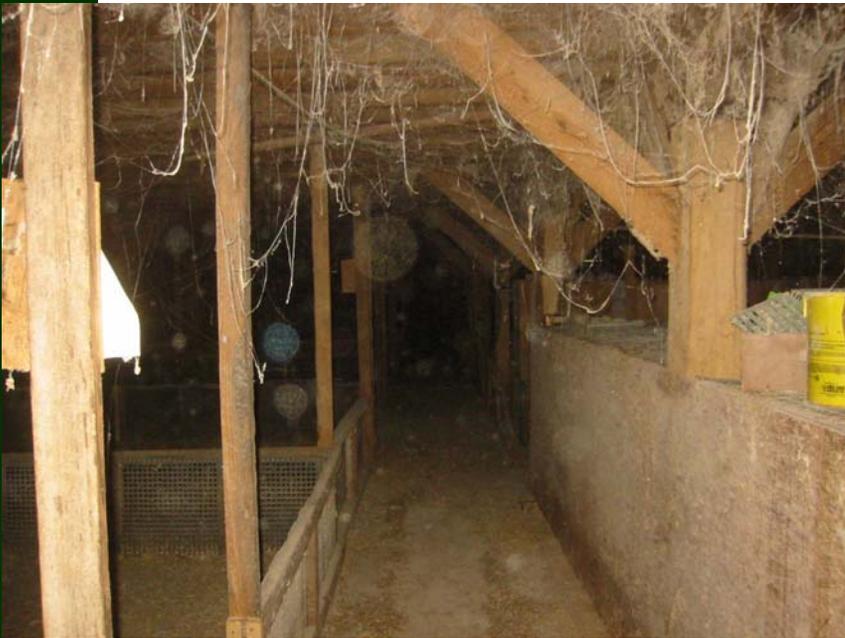


CONCLUSION

- **Cleaning Techniques**
 - Implement the plan (Cleaning & Disinfection)
 - Communicate the plan to your workers
 - Insist site personnel back-brief you
 - Execute the plan
 - Adjust the plan (it's a working document)
 - Don't "change the plan"
 - Evaluate the plan (AAR)
 - Make corrections to the plan
 - Shelf the plan until your next review
- **KISS**
 - **Keep It Safe and Simple**



QUESTIONS?



2nd floor – before



2nd floor – after