DISINFECTION & CLEANING HAZARDS

Presented by:

Gary Babb

Steven Downs

CleanHarbors
ENVIRONMENTAL SERVICES®

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?

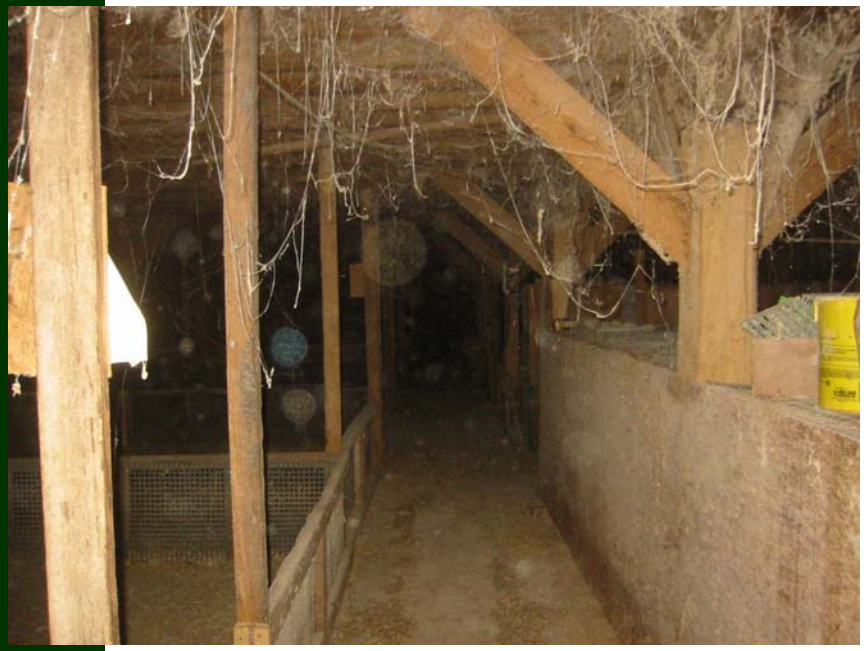
CORE COMPONENTS OF YOUR PLAN

- 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