

Debris Management – Lessons Learned

NEWMOA Solid Waste Program Webinar



Preparedness & Response

- Pre-Disaster Planning
- Before and After
- Other Critical Issues



Preparedness

- Disaster Type
 - Natural
 - Manmade
- Debris Types
 - Mixed Waste
 - Hazardous Materials
 - Wood and Vegetative Materials
 - Other Types



Preparedness

- Disaster Types
 - Natural
 - Fire/Wildfires
 - Earthquake
 - Tornado
 - Hurricane
 - Flooding
 - Land or Mud Slides
 - Avalanches
 - Tsunami
 - Hailstorms
 - Blizzards
 - Heat Wave
 - Drought
 - Epidemics
 - Malaria
 - Flu
 - TB



Debris Types

- Wood
- Animals
- E-Waste
- HHW
- Food
- **Sand**



- **Cars/Boats/Trains**
- Oil-Contaminated Debris
- Mixed Waste
- Building Materials
- Utility Materials







LESSONS LEARNED

•Pre-Disaster Planning

- Planning
- Begin to Build in Better Places
- Exercises

•Before and After

- Staging & Moving Materials
- Tree/Wood Debris & Invasive Species
- Specialty Debris
- Reuse

•Other Critical Concerns

- Restoration Funding
- Emergency Authorizations
- Boiler Plate Approval Form
- Communication/Lists
- Lessons Learned

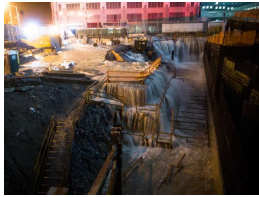


MOVING FORWARD

– Communication X 3

- Reach Out Early
- Local to Local
- State to Local

– Exercises/Different Ones



LESSONS LEARNED/MOVING FORWARD

- **Contacts/Guidance**

- <http://www.epa.gov/epawaste/conserve/imr/cdm/debris.htm>
Wastes - Resource Conservation - Reduce, Reuse, Recycle - Construction & Demolition Materials
- http://www.epa.gov/region5/waste/solidwaste/debris/disaster_debris_resources.html
Web Materials & Links
- <http://www.epa.gov/wastes/conserve/imr/cdm/pubs/pnnd.pdf>
Planning for Natural Disaster Debris (2008)
- <http://www.dec.ny.gov/regulations/8751.html>
NYS Storm Debris Management Guidelines

