



# **Beede Waste Oil Superfund Site**

**October 3, 2012**

# Agenda

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- ▶ Site Background
  - ▶ Update on current activities
    - ▶ Schedule
    - ▶ Groundwater Treatment Plant
    - ▶ Public Water Supply
    - ▶ Intersection Construction Update
    - ▶ Temporary Driveway and On-site Access Road Construction
    - ▶ First Phase of Contaminated Soil Removal
  - ▶ On-Going Communication
  - ▶ Questions
- 



# Site Background

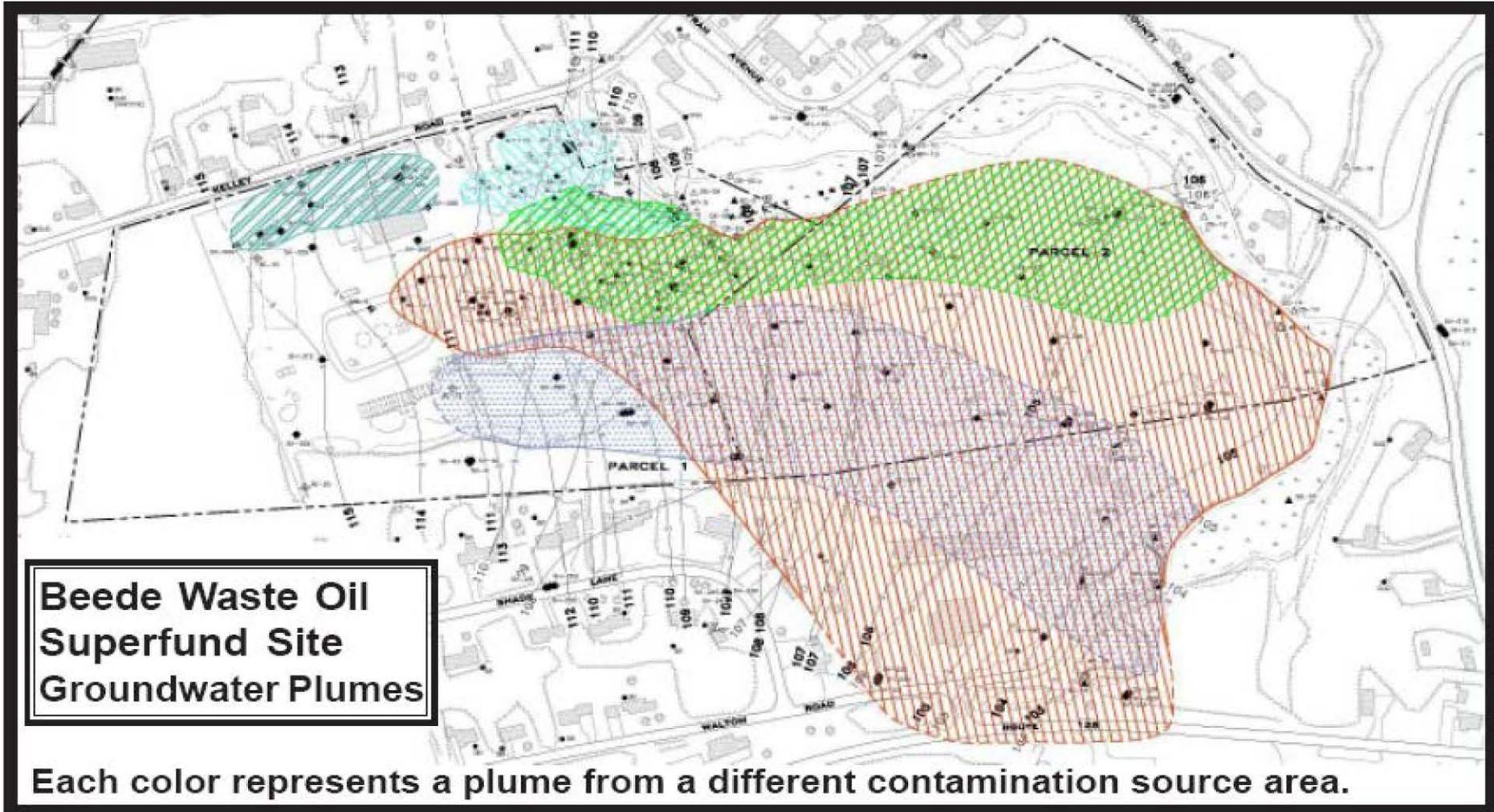
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- ▶ 41-acre site past uses included waste oil storage and recycling
- ▶ Contaminants:
  - ▶ Polychlorinated biphenyls (PCBs) & lead in shallow soil
  - ▶ Volatile Organic Compounds in deep soil & groundwater
- ▶ Cleanup plan:
  - ▶ Excavation & off-site disposal of contaminated shallow soil & sediment;
  - ▶ Treatment on-site of contaminated deep soil;
  - ▶ Groundwater extraction and treatment;
  - ▶ Long-term monitoring of groundwater, surface water, and sediment.
  - ▶ Permanent land use restrictions





# Groundwater Plumes



# Schedule of Immediate Activities

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## ▶ Fall 2012

- ▶ Installation of new traffic light at Danville Rd and Main St.
- ▶ Construction of on-site access road & temporary driveway onto Main Street
- ▶ Begin installation of waterline

## ▶ Fall 2012 / Winter 2013

- ▶ Completion of first phase of contaminated soil removal
  - ▶ 395 trucks
- ▶ Begin construction of on-site Groundwater Treatment Plant
- ▶ Complete installation of waterline
- ▶ Connect impacted residents to waterline



# Groundwater Treatment

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- ▶ Construction activities will provide:
  - ▶ New access to site from Main Street
  - ▶ New on-site haul road and access to new building
  - ▶ Extraction wells, injection wells and infiltration basins



Beede Waste Oil Superfund Site  
Plaistow, New Hampshire



  
0 200 Feet  
  
Map created by EPA Region 1 GIS Center  
Map Tracker ID 8611 October 2, 2012  
Data Sources: Aerial and Street Base Map - Bing Maps

# Public Water Supply

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- ▶ Beede Site Group contracted with Pennichuck Water Works to extend an existing public waterline to impacted residents
  - ▶ Replaces need for treatment systems for those that choose to connect
- ▶ Installation and construction between October 15<sup>th</sup> and December 2012
- ▶ Waterline construction activities are currently planned on:
  - ▶ Culver Street, Main Street, Kelley Road, Shady Lane, and Walton Road



# Intersection Construction Update

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- ▶ Infrastructure for waterline built into new intersection
- ▶ Traffic light expected operational by November/  
December 2012



# Intersection Construction Update



# Temporary Driveway & On-site Access Road Construction

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- ▶ Estimated to be completed in late fall of 2012
- ▶ Construction requires temporary use of Kelley Road to bring in gravel and clean soil
- ▶ When temporary driveway to Main Street is complete, truck traffic along Kelley Road will cease and Kelley Road entrance will only be used for employees and deliveries



# On-Site Haul Road Construction

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09/28/2012



# First Phase of Contaminated Soil Removal

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- ▶ Some stockpiled contaminated soil blocking construction
- ▶ Portions will be removed through Main Street driveway
- ▶ Approx. 395 trucks, all covered & cleaned before they leave
- ▶ No trucks leaving site when students are waiting for or coming off school buses on Main Street between Main Street entrance and Route 125
- ▶ Complete during winter 2012/2013



# Truck Example

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# Dust Suppression

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# Air Monitor

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# On-Going Communication

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- ▶ Frequent Site Updates on Facebook:  
[www.facebook.com/pages/beede-clean-up](http://www.facebook.com/pages/beede-clean-up)
- ▶ Next Public Meeting about Water Treatment
  - ▶ Late Winter / Early Spring 2013
- ▶ Open Lines of Communication
  - ▶ Contact us
  - ▶ Continued Technical Meetings with Town
  - ▶ Continued Cable Show Presentations
  - ▶ Brief Selectmen and Timberlane Regional School Board as needed/requested



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# Questions?

