Aerovox Facility Demolition
New Bedford, MA

Community Meeting
December 8, 2010
Purpose

• Provide a general overview of the building demolition

• Answer questions related to project implementation
Phases of Work

- Planning Phase: ~10 Months
- Hazardous Materials Removal Phase: ~5 months
- Building Demolition Phase: ~12 Months

Timeline:
- June 3, 2010: Planning Phase
- April 2011: Hazardous Materials Removal Phase
- October 2011: Building Demolition Phase
- October 2012
Planning Phase

- All Project Plans have now been reviewed and approved by EPA, including:
  - Health and Safety Plan / Emergency Response Plan
  - Storm Water Management and Monitoring Plan
  - Air Quality Management and Monitoring Plan
  - Field Sampling Plan
  - Quality Assurance Project Plan
  - ARARs Implementation Plan

|--------------|--------------------------|--------------|-------------------------------|------------|

Project Plans
Health and Safety Plan

- Covers site workers
- Also includes Emergency Response Plan to address community safety
- Fire Department and Emergency Responders input was solicited
- Incorporates City’s Site Information and Preplan (fire emergency plan) and Evacuation Plan
- Reverse 911 System
- Will be made available on the New Bedford Harbor website:  http://www.epa.gov/ne/nbh

<table>
<thead>
<tr>
<th>Project Plan Preparation</th>
<th>January 2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Plan Preparation</td>
<td>April 2011</td>
</tr>
</tbody>
</table>
Project Plans

Air Quality Management and Monitoring Plan

• Provide for monitoring from hazardous materials removal through demolition
• Includes real-time and longer term analyses
• Results will be provided to EPA and compared to EPA performance standards
• Dust suppression activities will be conducted
• Corrective Action will be taken if exceeded
Project Plans

Stormwater Management and Monitoring Plan

- Best management practices to limit stormwater interaction with contaminated building materials
- Stormwater sampling for storm events greater than 0.5-inch rain
- Results will be provided to EPA and compared to EPA performance standard
- If exceeded, stormwater from rain events will be collected and treated

|--------------|--------------------------|------------|-------------------------------|--------------|
Current Project Status

- Additional building material sampling conducted in Summer 2010
- Procurement of demolition contractor is in progress
- Demolition contractor will be on board by early January
Construction Phase Planning

After contract award, initial focus for contractor will be on submittals related to specific work elements, including:

- Site Management and Security Plan
- Hazardous Material Removal and Disposal Plan
- Utility Decommissioning Plan
- Building Demolition Plan
- Debris Processing and Loading Plan
- Basement and Subsurface Backfill Plans
- Grading, Capping and Drainage Plan

After approval by EPA and notification of Site Abutters
Commence NTCRA field work
Hazardous Materials Removal

- Asbestos Containing Materials
- Universal Wastes (computer monitors, fluorescent light bulbs, etc.)
- Air monitoring ongoing during work
- EPA certification of removal prior to start of demolition
Building Demolition Phase
(Mobilization through Capping)

All Phases of the building demolition are being performed with EPA oversight.
Building Demolition Phase

• Initial tasks include utility decommissioning

• Building dismantling and City T&D begins after hazardous material removal is complete

• Engineering controls will be utilized to minimize effects surrounding properties
Building Demolition

Pre-demolition
Building Demolition

Demolition in Progress
Building Demolition

Demolition in Progress
Building Demolition

Demolition in Progress
Building Demolition

Dust Suppression
Building Demolition

Demolition Complete
Building Demolition

Demolition Complete
Building Demolition

Engineering Controls – fog machines
Building Demolition

Engineering Controls – fog machines
Basement Backfilling

- **Active Demolition of Building** (October 2011)
- **Basement & Subsurface Features Backfilling and Utility Corridor** (March 2012)
- **Capping** (May 2012)
- **Completion** (June 2012)
Basement Backfilling

Placement of Fill
Basement Backfilling

Fill Compaction
Site Capping

- October 2011: Active Demolition of Building
- March 2012: Basement & Subsurface Features Backfilling and Utility Corridor
- May 2012: Capping
- June 2012:
Site Capping

Capped Area
Questions?