



# Aerovox Facility Demolition New Bedford, MA

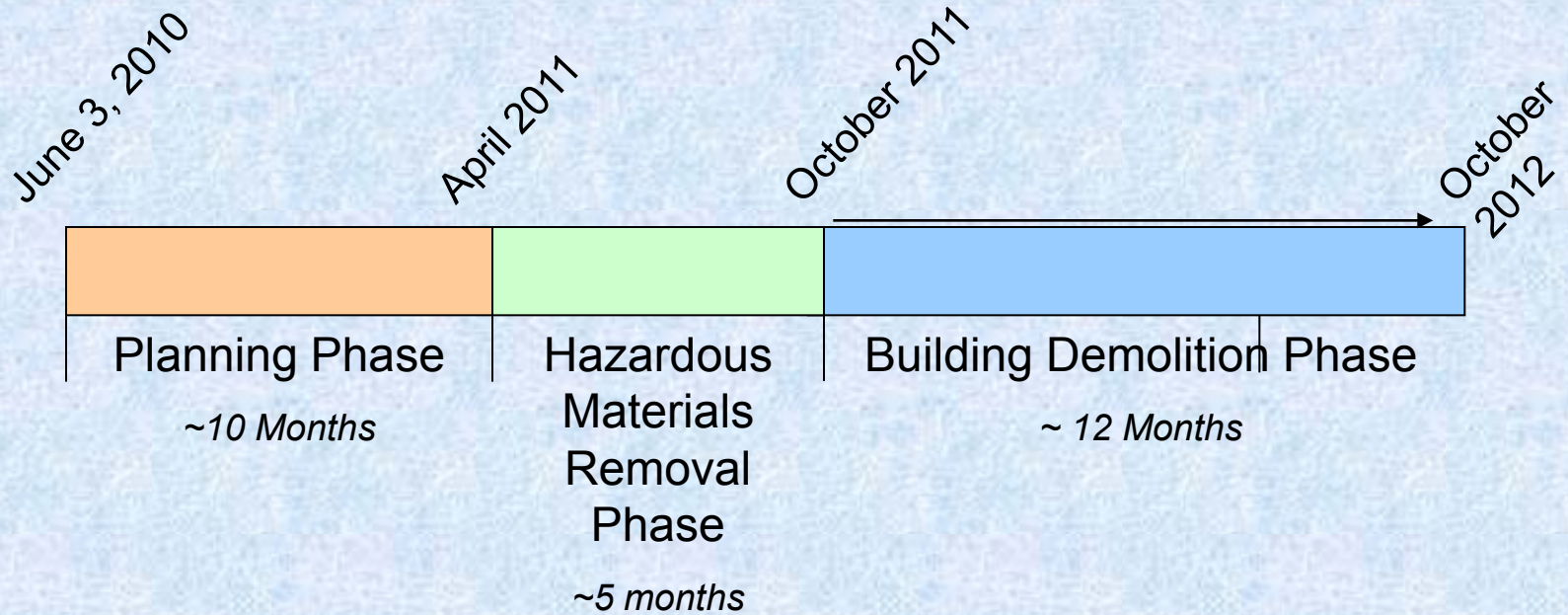
Community Meeting  
December 8, 2010



# Purpose

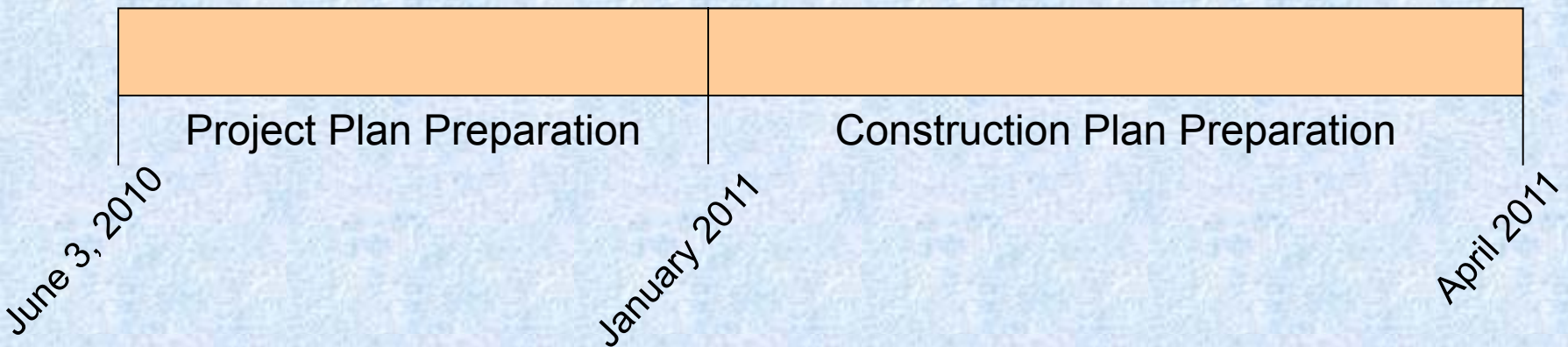
- Provide a general overview of the building demolition
- Answer questions related to project implementation

# Phases of Work



# Planning Phase

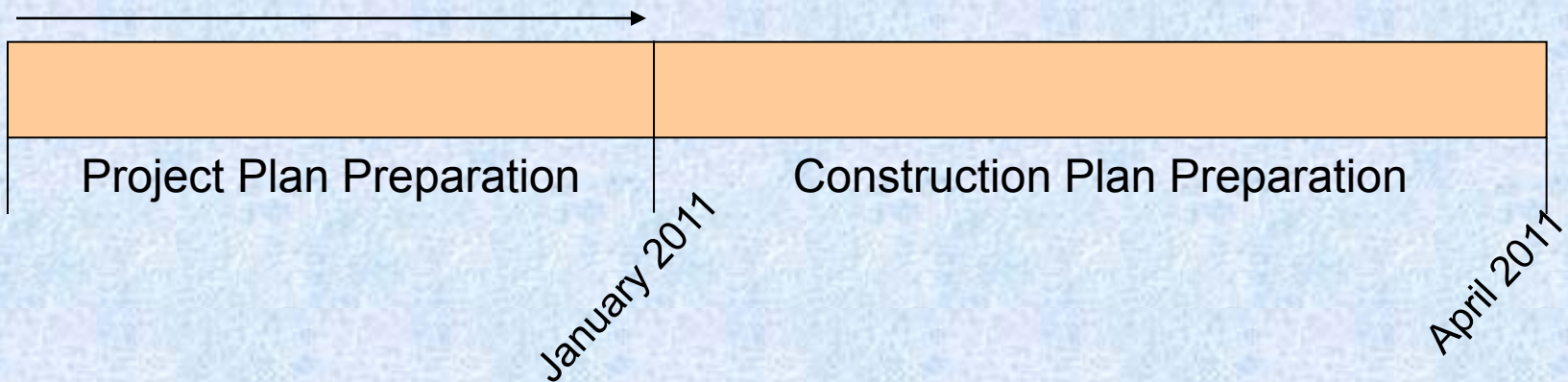
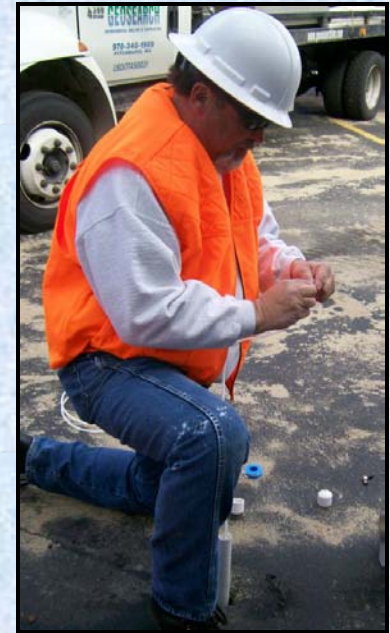
- All Project Plans have now been reviewed and approved by EPA, including:
  - Health and Safety Plan / Emergency Response Plan
  - Storm Water Management and Monitoring Plan
  - Air Quality Management and Monitoring Plan
  - Field Sampling Plan
  - Quality Assurance Project Plan
  - ARARs Implementation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



# Project Plans

## Health and Safety Plan

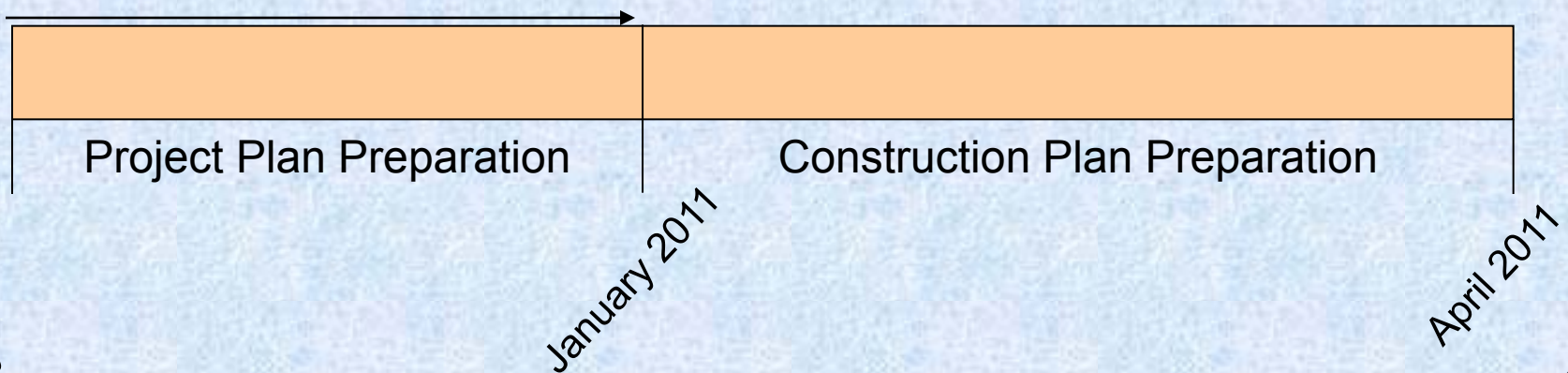
- Covers site workers
- Also includes Emergency Response Plan to address community safety
- Fire Department and Emergency Responders input was solicited
- Incorporates City's Site Information and Preplan (fire emergency plan) and Evacuation Plan
- Reverse 911 System
- Will be made available on the New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



# Project Plans

## Air Quality Management and Monitoring Plan

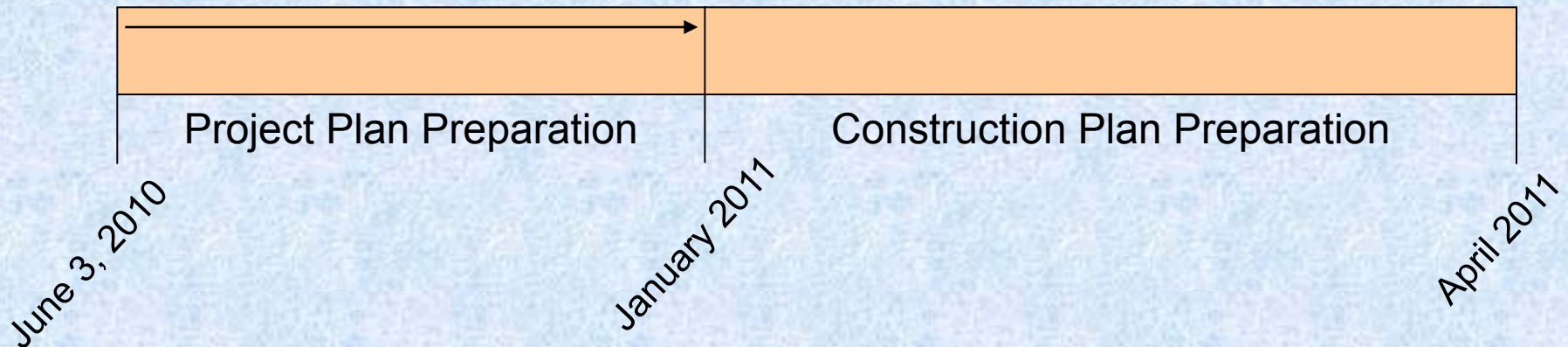
- Provide for monitoring from hazardous materials removal through demolition
- Includes real-time and longer term analyses
- Results will be provided to EPA and compared to EPA performance standards
- Dust suppression activities will be conducted
- Corrective Action will be taken if exceeded



# Project Plans

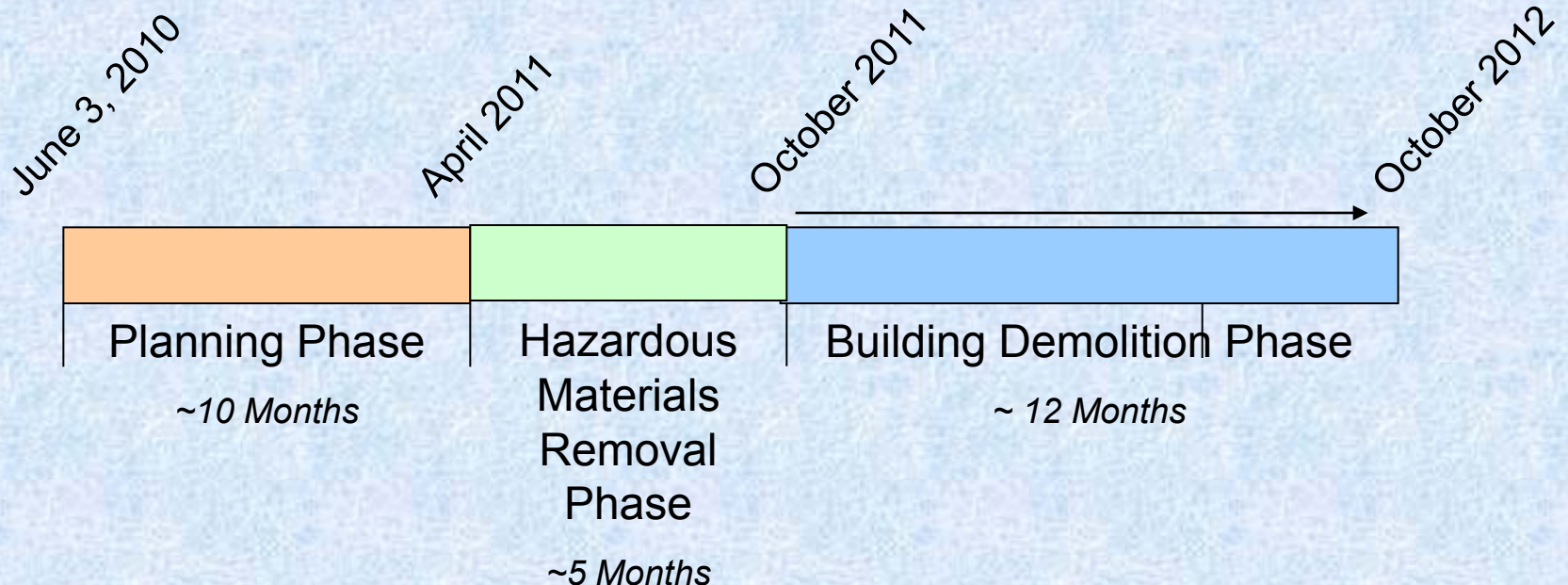
## Stormwater Management and Monitoring Plan

- 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

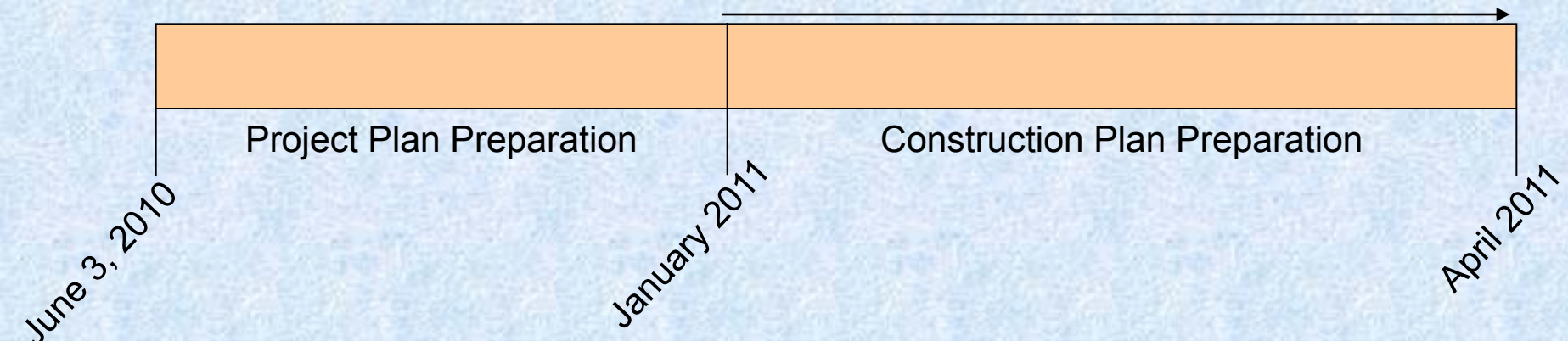




# Construction Phase Planning

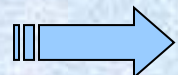
After contract award, initial focus for contractor will be on submittals related to specific work elements, including:

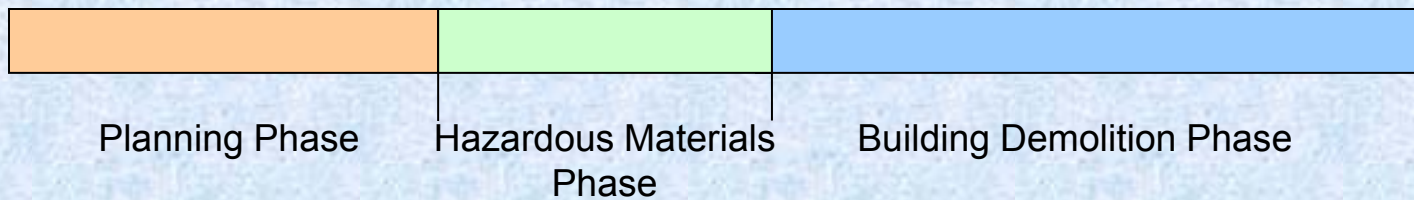
- Site Management and Security Plan
- Hazardous Material Removal and Disposal Plan
- Utility Decommissioning Plan
- Building Demolition Plan
- Debris Processing and Loading Plan
- Basement and Subsurface Backfill Plans
- Grading, Capping and Drainage Plan



After approval by EPA and notification of Site Abutters

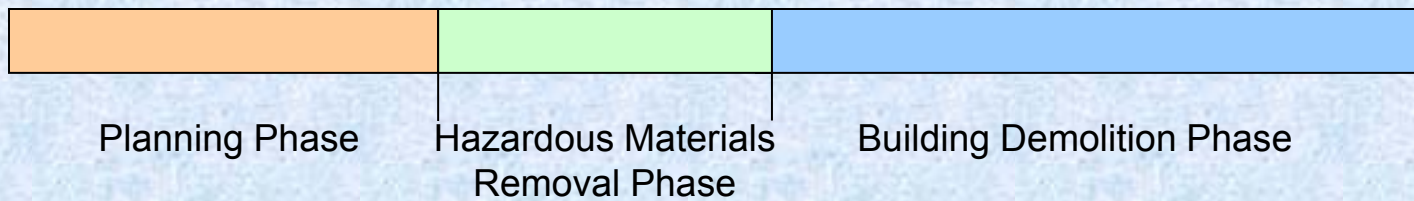
Commence NTCRA field work



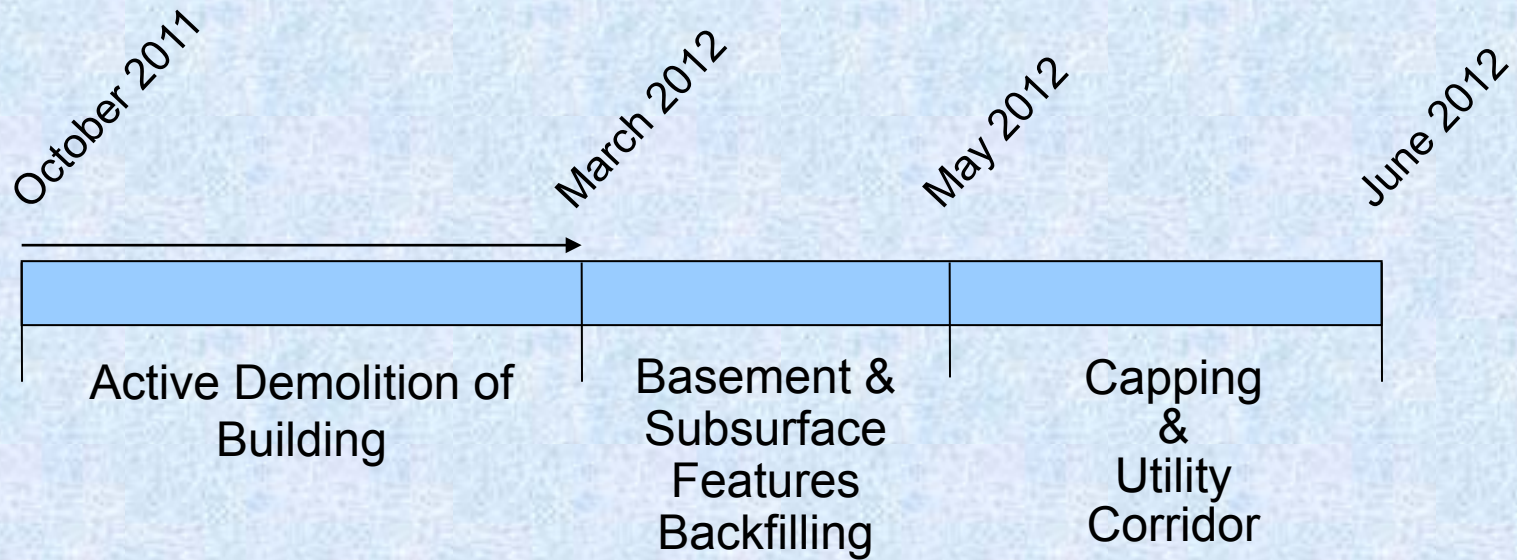


# Hazardous Materials Removal

- 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



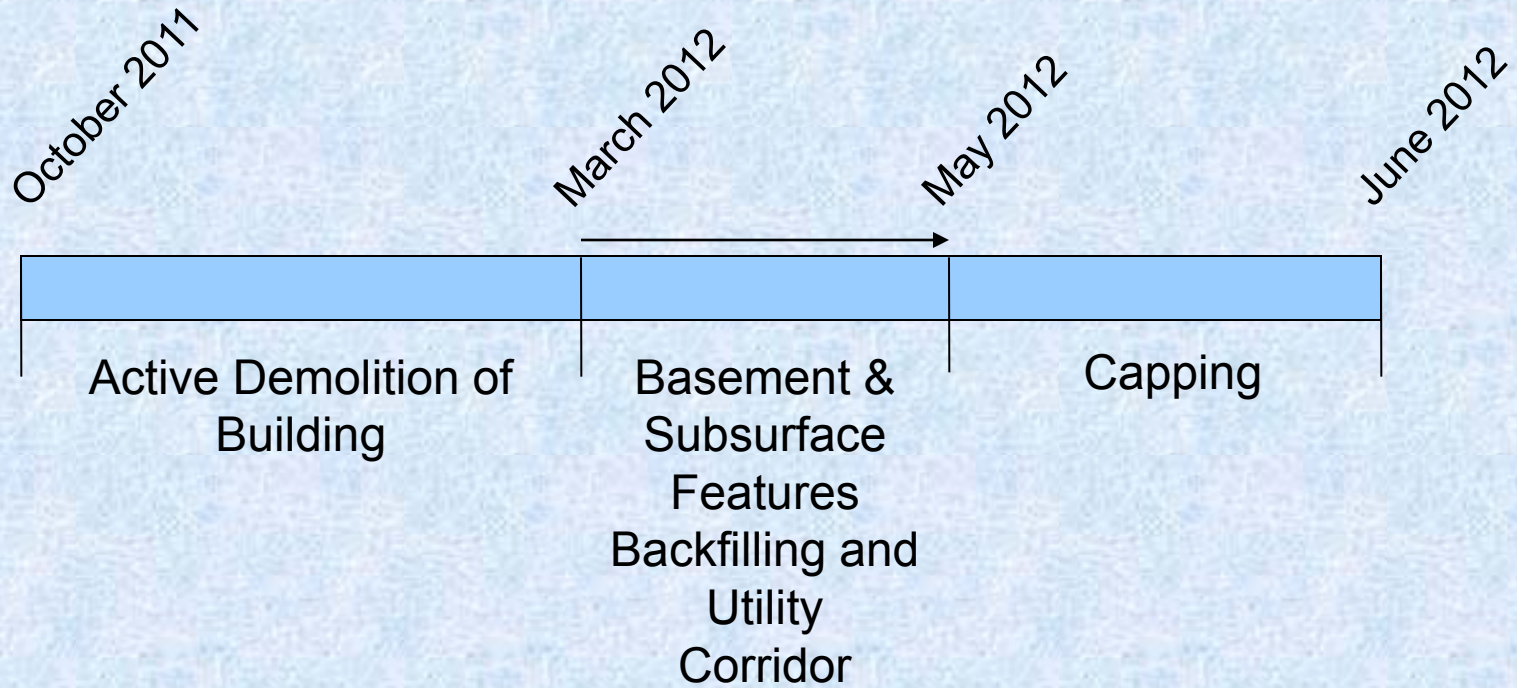
Engineering Controls – fog machines

# Building Demolition



Engineering Controls – fog machines

# Basement Backfilling



# Basement Backfilling



Placement of Fill

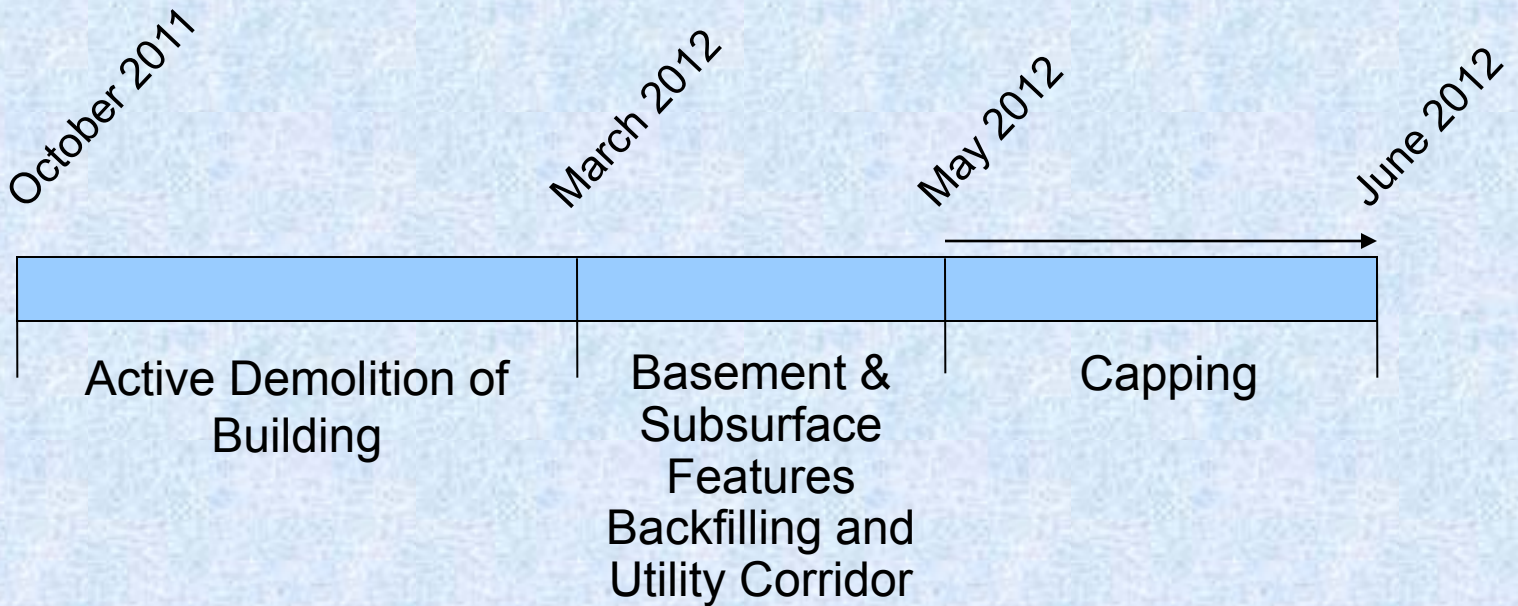
# Basement Backfilling



Fill Compaction



# Site Capping



# Site Capping



Capped Area

# Questions?

