



Aerovox Facility Demolition New Bedford, MA

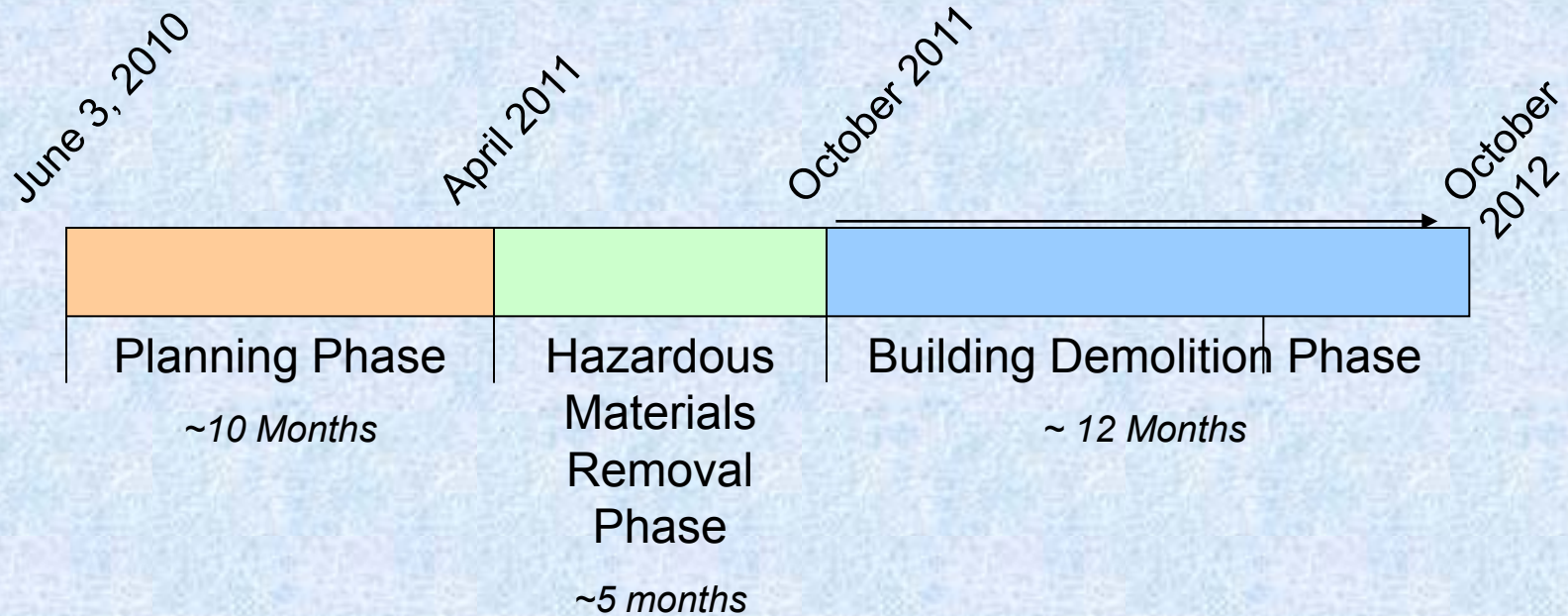
Community Meeting
December 8, 2010



Purpose

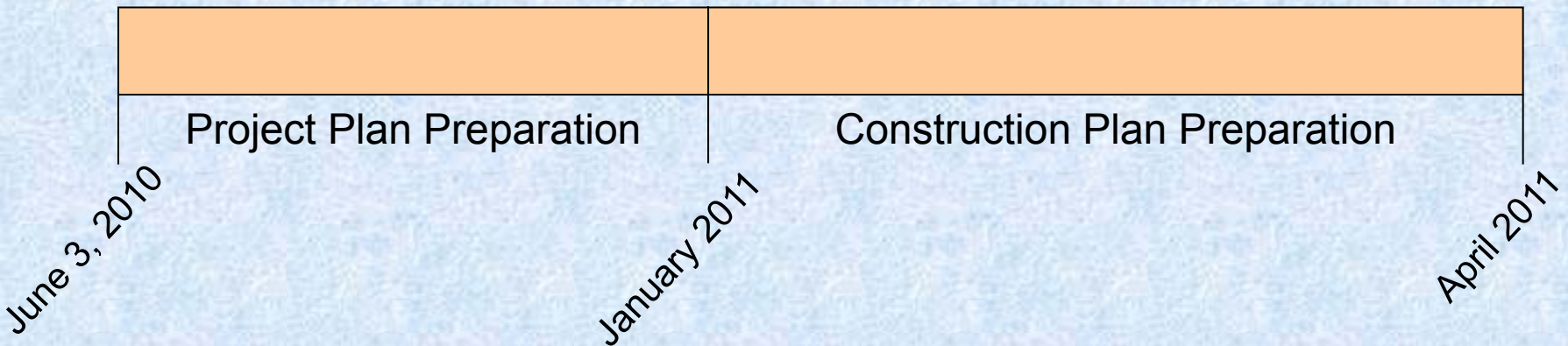
- Provide a general overview of the building demolition
- Answer questions related to project implementation

Phases of Work



Planning Phase

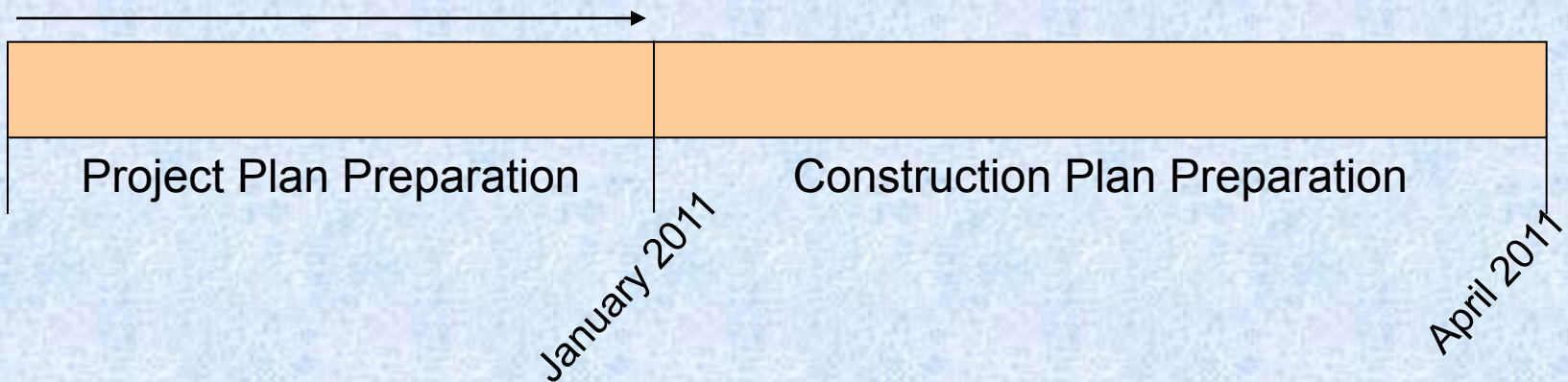
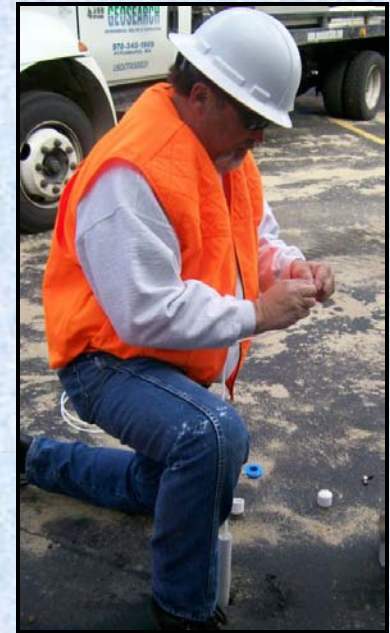
- All Project Plans have now been reviewed and approved by EPA, including:
 - Health and Safety Plan / Emergency Response Plan
 - Storm Water Management and Monitoring Plan
 - Air Quality Management and Monitoring Plan
 - Field Sampling Plan
 - Quality Assurance Project Plan
 - ARARs Implementation Plan



Project Plans

Health and Safety Plan

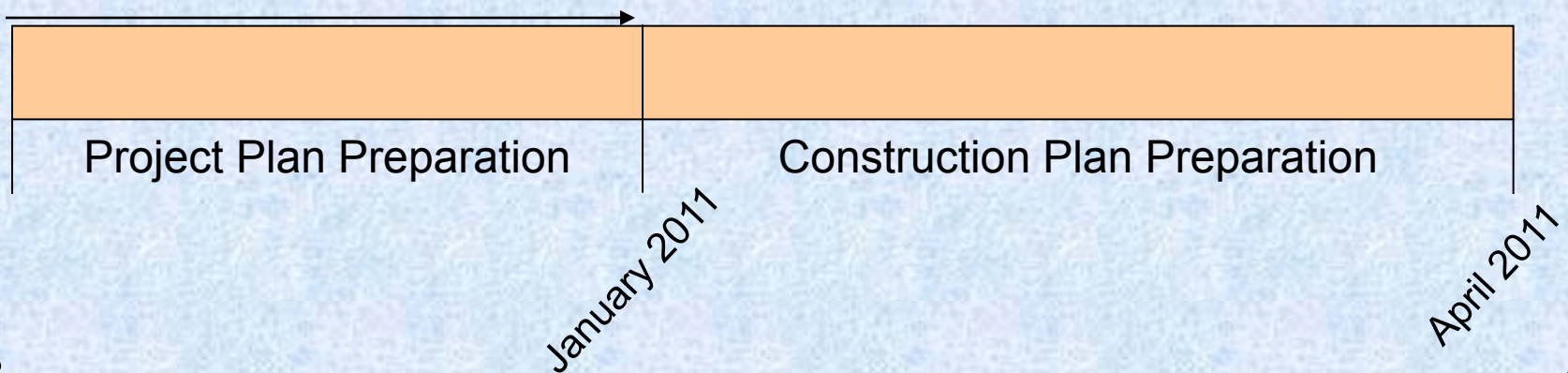
- Covers site workers
- Also includes Emergency Response Plan to address community safety
- Fire Department and Emergency Responders input was solicited
- Incorporates City's Site Information and Preplan (fire emergency plan) and Evacuation Plan
- Reverse 911 System
- Will be made available on the New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



Project Plans

Air Quality Management and Monitoring Plan

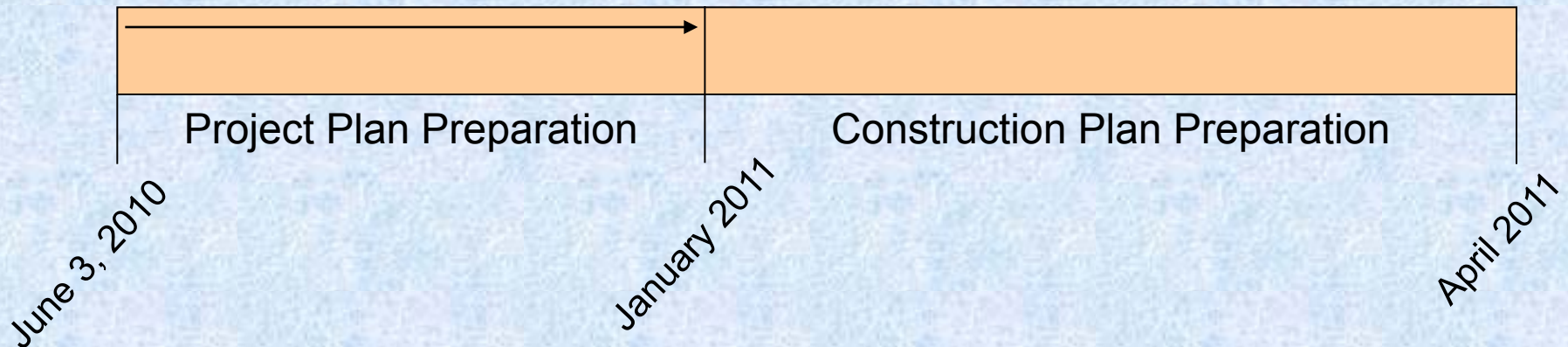
- Provide for monitoring from hazardous materials removal through demolition
- Includes real-time and longer term analyses
- Results will be provided to EPA and compared to EPA performance standards
- Dust suppression activities will be conducted
- Corrective Action will be taken if exceeded



Project Plans

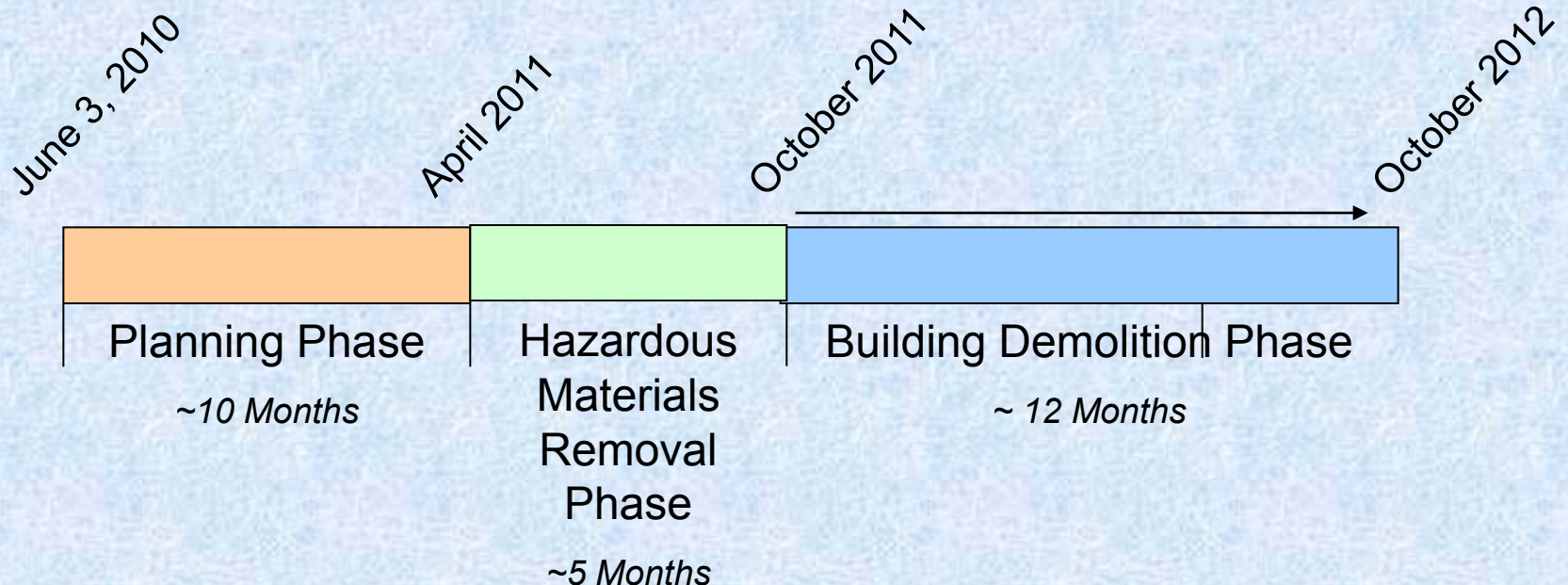
Stormwater Management and Monitoring Plan

- 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

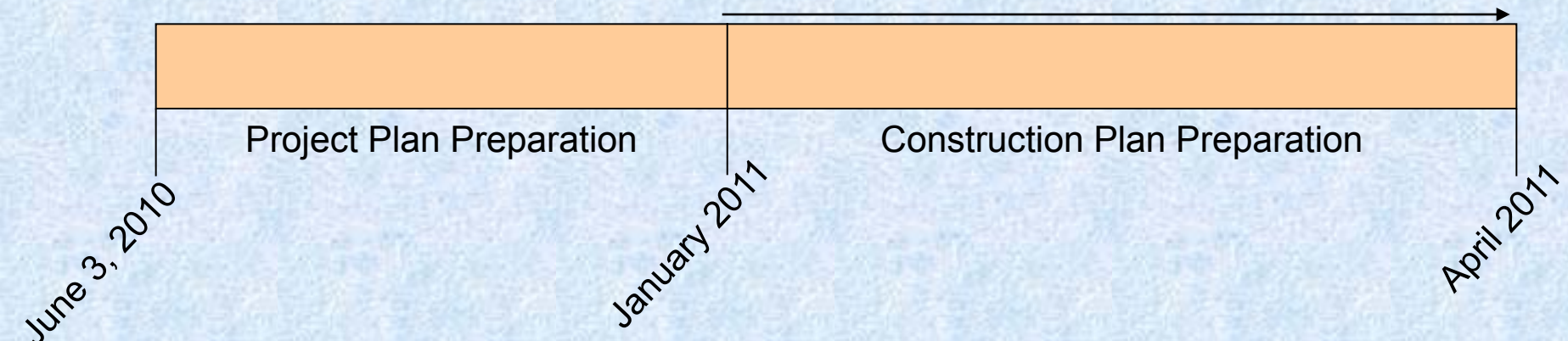
- Additional building material sampling conducted in Summer 2010
- Procurement of demolition contractor is in progress
- Demolition contractor will be on board by early January



Construction Phase Planning

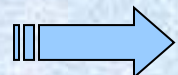
After contract award, initial focus for contractor will be on submittals related to specific work elements, including:

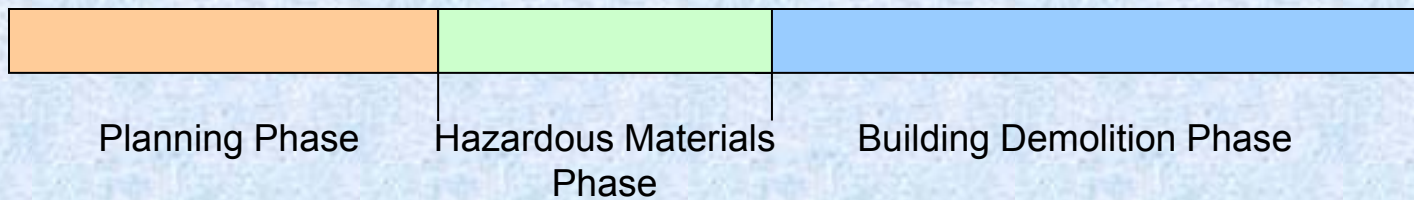
- Site Management and Security Plan
- Hazardous Material Removal and Disposal Plan
- Utility Decommissioning Plan
- Building Demolition Plan
- Debris Processing and Loading Plan
- Basement and Subsurface Backfill Plans
- Grading, Capping and Drainage Plan



After approval by EPA and notification of Site Abutters

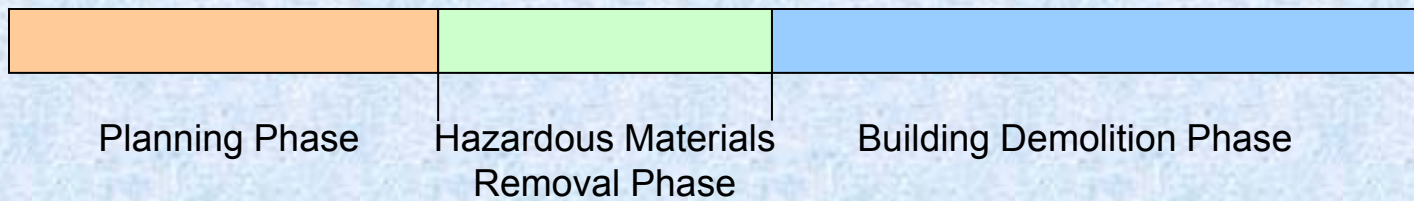
Commence NTCRA field work



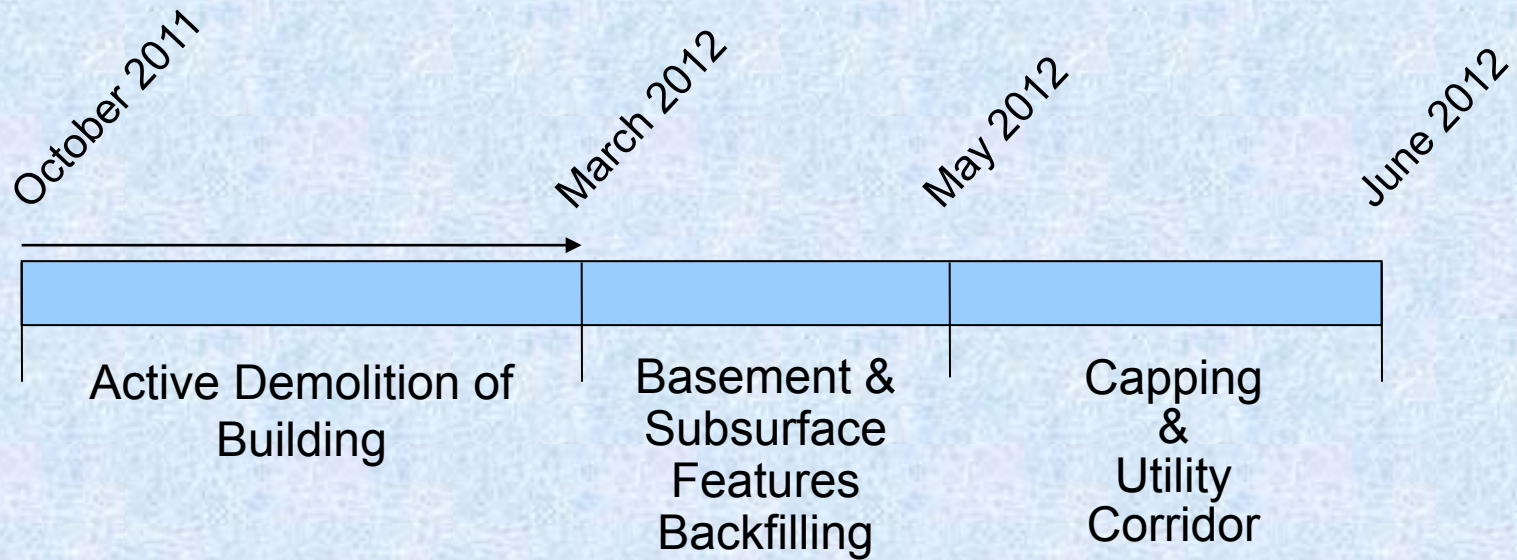


Hazardous Materials Removal

- 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



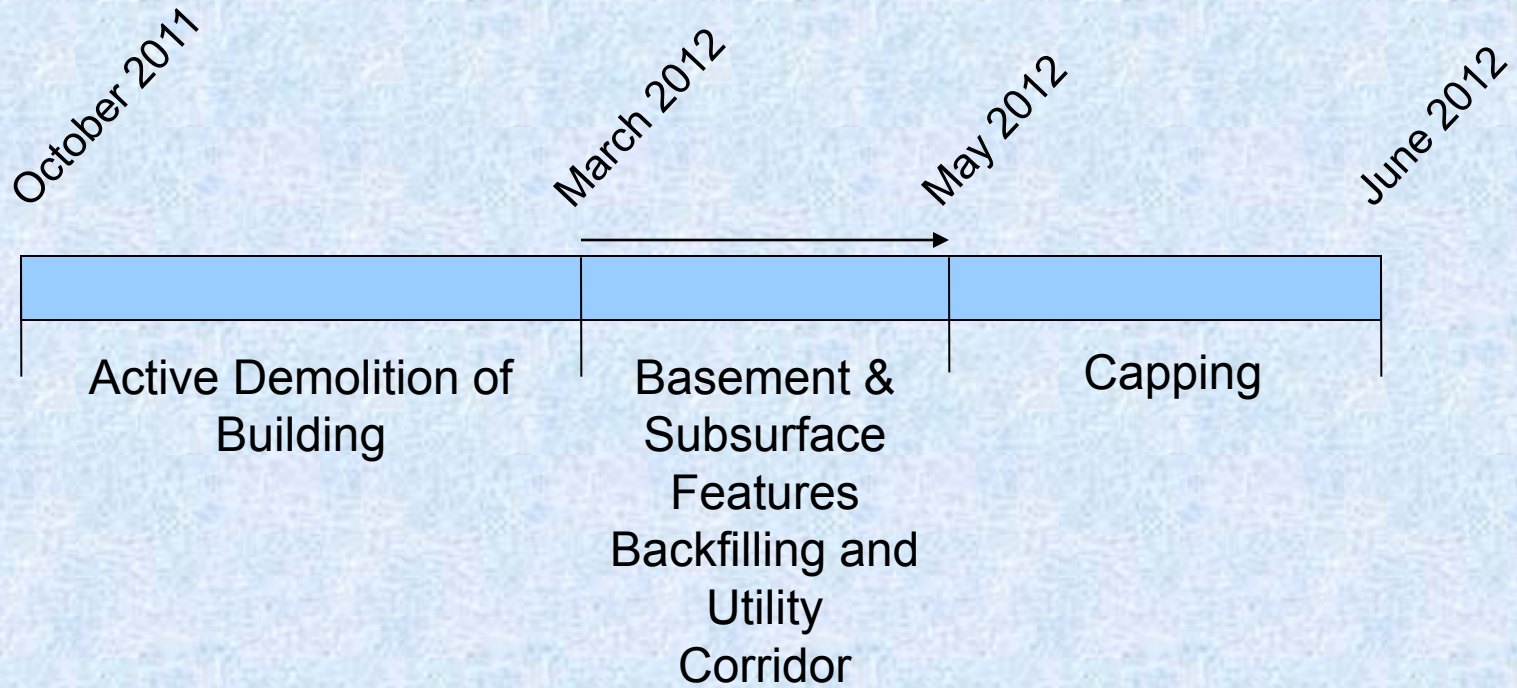
Engineering Controls – fog machines

Building Demolition



Engineering Controls – fog machines

Basement Backfilling



Basement Backfilling



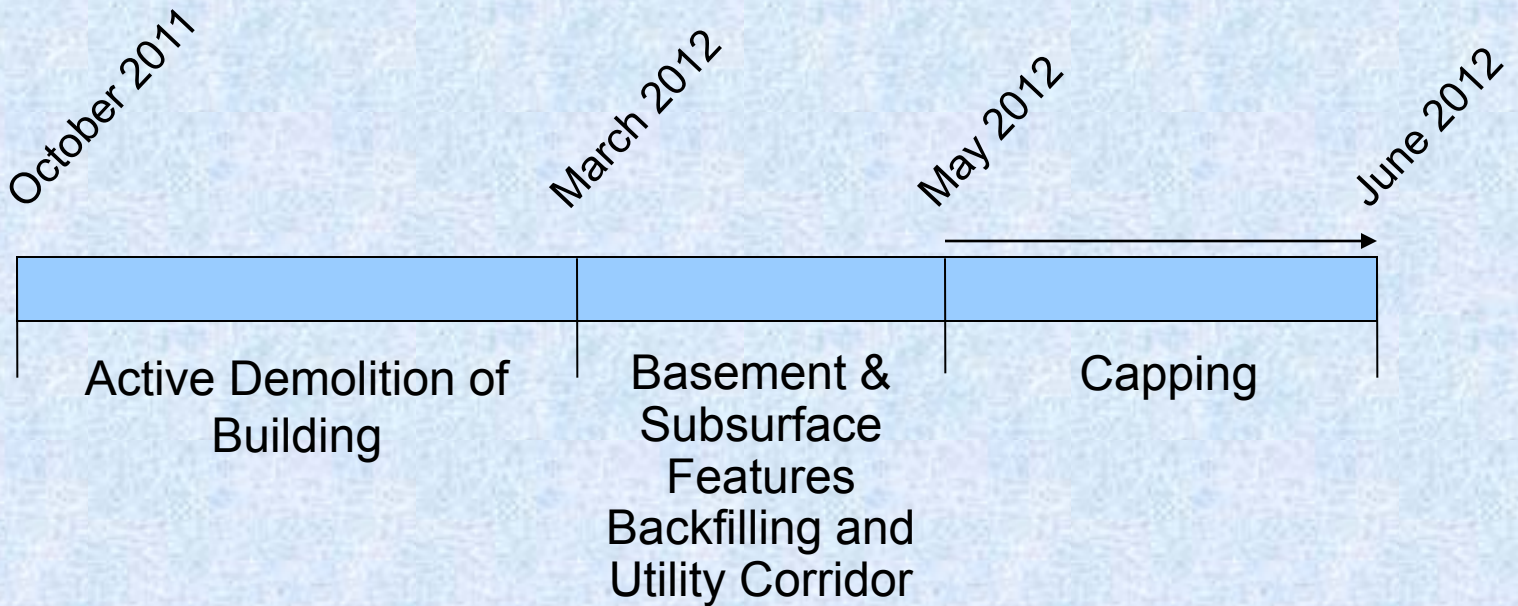
Placement of Fill

Basement Backfilling



Fill Compaction

Site Capping



Site Capping



Capped Area

Questions?

