Former Gorham Manufacturing Site

Park Parcel Site Investigation and Remediation Update

Gregory L. Simpson

August 23, 2007
Presentation Overview

• Purpose of Meeting
• Site Background
• Park Parcel Investigation Activities
• Park Parcel Remedial Plan and Schedule
• Other Ongoing Activities
• Questions
Purpose of Tonight’s Meeting

• Inform The Public About the Park Parcel!
  – Completed Investigation Activities
  – Proposed Remedial Plan

• Inform Public About Our Other Ongoing Remedial Activities

• Obtain Public Feedback – RIDEM Regulations

WE WANT TO HEAR YOUR THOUGHTS!
Former Gorham Manufacturing Site
Site Background

- Gorham site operations 1890s – 1985
- Textron owned Gorham 1967 to 1985
- Textron begins investigation activities 1994
- Site Investigation Report 1999
- Remedial Action Plan Approved by RIDEM 2001
- Remediation 2001 – Present
- Consent Agreement between City & RIDEM to allow for construction of school in 2006
- Park Parcel Supplemental Site Investigation Report 2006
Park Parcel Investigation Activities

• Comprehensive Sampling Program

• Soil, Groundwater, Sediment and Surface Water

• Soil Results
  – PAHs, Metals, Dioxins

• Cove Results
  – PAHs, VOCs, Metals, Dioxin
Over 150 Sample Locations and
Over 200 Samples Collected

Park Parcel
Soil Sample Locations

Slag Area Addressed

Upland Investigation Complete!
Over 35 Sample Locations

Geophysical Survey – No Drums in Cove

More Investigation of Sediment and Groundwater Entering the Cove Required

Park Parcel
Cove Sample Locations
Park Parcel Remedial Plan

- Proposed Recreational Closure – Goes beyond Consent Order requirements
- Developed based on extensive analytical data
- Ensures site area is safe for recreational use
- Consistent with RIDEM regulations
- Proven remedy appropriate for site conditions and proposed use
Park Parcel Remedial Plan

Green – Wetland Buffer - 12” Soil Cap

Blue – Fill area – 24” Soil cap

Yellow – Former slag area – 12” Soil Cap with liner (Conservative)

Red – 12” Soil Cap with Geofabric
Park Parcel Remedial Schedule

- Phase I – Soil cap for Park Parcel upland area exceedances near *Parcels B & C* – 2007
- Phase II – Cove Sediments – Pre-design investigation 2007; Remediation Summer 2008
- Phase III – Pre-design investigation for residential soil cap of remaining Park Parcel – Summer 2008
Park Parcel Summary

- Comprehensive Investigation
  - Soil - Complete
  - Cove – More Investigation Required

- Recreational Remedial Plan
  - Proven/Accepted Technology

- Let Us Know What You Think
Other Ongoing Activities

• Groundwater Remediation
  – Alternative Technology

• Parcel A Building Investigation Activities
Closing Remarks
Questions