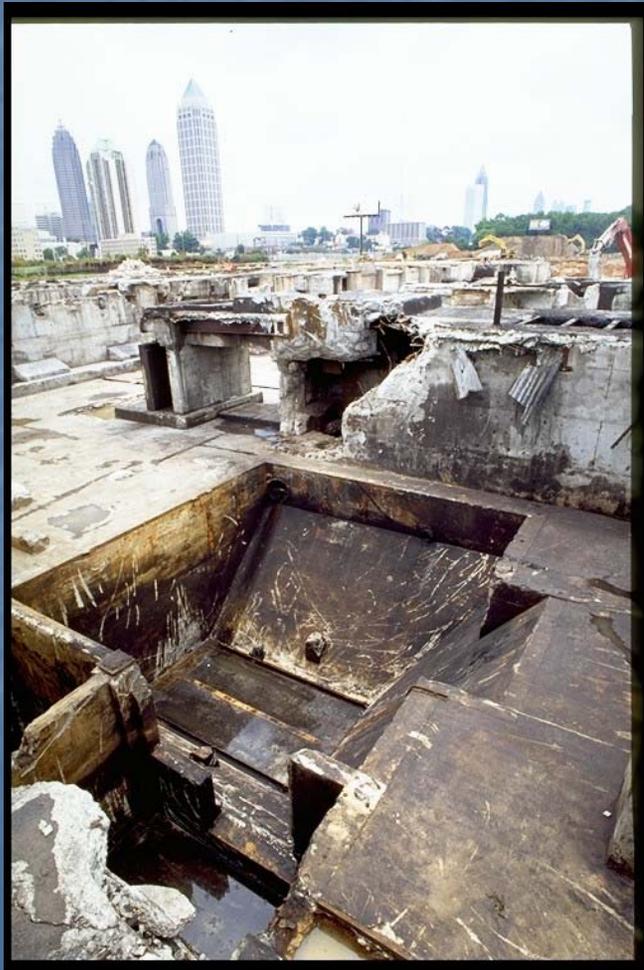


NATO/CCMS Pilot Study

Prevention and Remediation In
Selected Industrial Sectors: Mega Sites



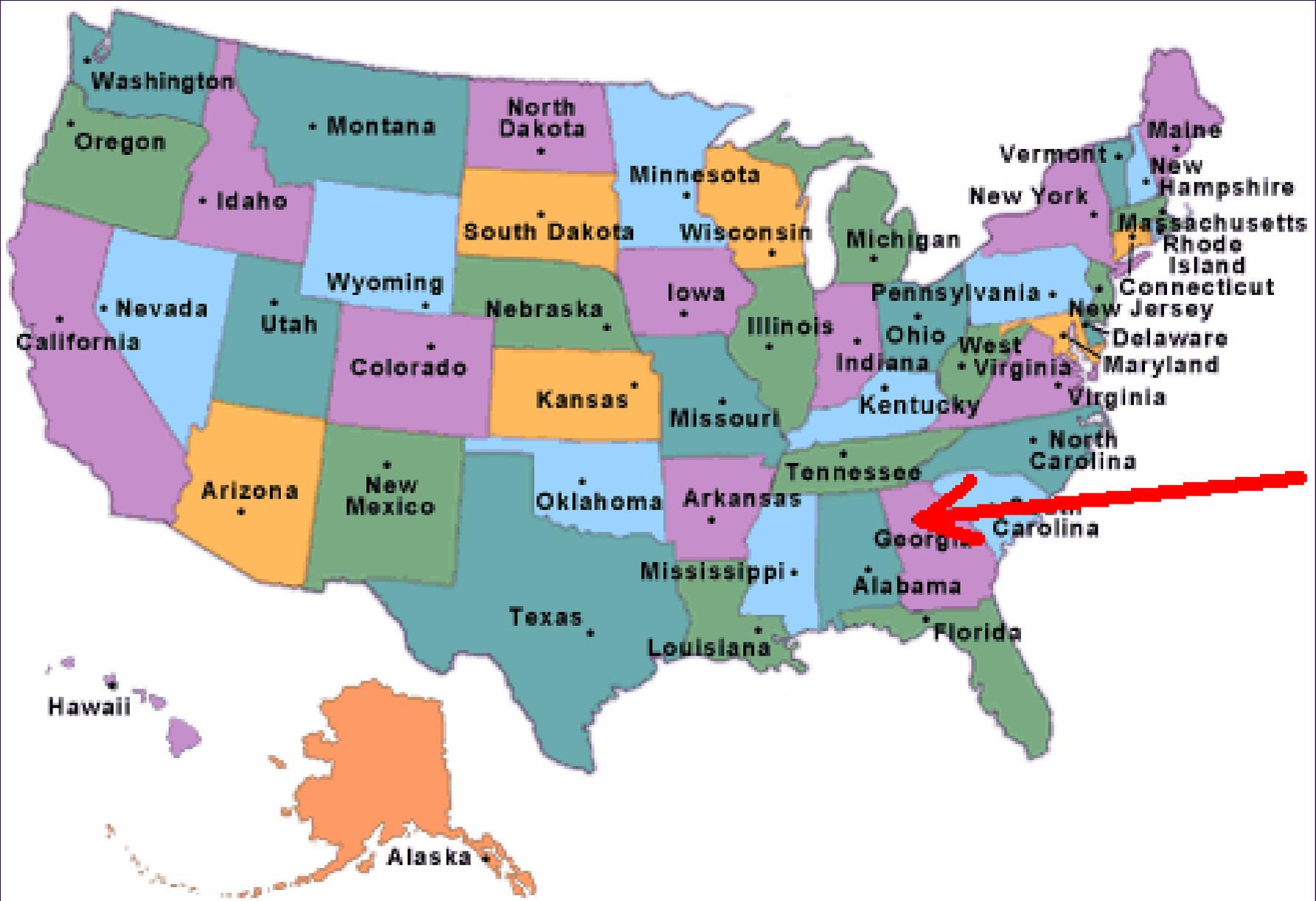
Atlantic Station LLC,
Atlanta, Georgia USA

14 June 2005

Hilburn O. Hillestad, Ph.D.
Senior Vice President/ Partner

Atlantic Steel 1901 – 1998





Why Atlantic Station?

- Location

- Urban Sprawl

- Transportation

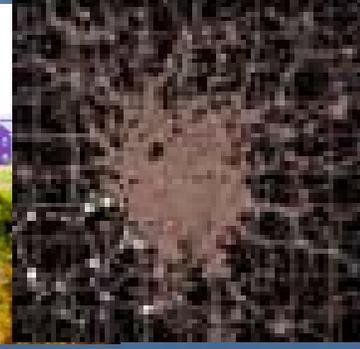
EAST

WEST



Urban Sprawl

- Consumption of raw land
- Outside existing service areas
- Dependence on automobiles



But First, Let Us Remediate!



PILE FOR CW MATTHEWS CONCRETE CRUSHER

8. 9. 2000



COOLING BED

8/4/2000 12:27pm

Note: Pit Structure

Contamination Issues

- Petroleum Byproducts
 - Some Heavy Metals
 - Groundwater



Remediation Plan

- Removal of 'Hot Spots' of contamination
 - Installation of groundwater interception wells
 - Installation of barriers to eliminate pathways of exposure

Removal of Hotspots



Removal of Hotspots



Interception Wells



Interception Wells



Soft Cap Barrier



Hard Cap Barrier



*Worker
Exposure
Protocols*



Future Remediation Performance

- Maintenance of groundwater interception system
 - Maintenance of barriers
 - Conservation Easement
 - Institutional Controls

Environmental Accomplishments

- Remediation of 100 Year Old Steel Mill Site Completed in 2001.
- 9,000 Truck Loads of Contaminated Material Removed.
- 132,000 Cubic Yards of Concrete was Recycled.
- Compliance with all Remediation Monitoring Requirements





7/15/2004 10:01am

Project's Economic Profile



- Largest Construction Project Underway in Georgia
- More than 1,500 Workers
- \$8 Million Per Month in Retail Construction
- 12 Million Square Feet Build-out

Project's Economic Profile

- 25K New Jobs
 - 10K New Residents
 - \$835M in New Income
 - \$480M in New Retail Sales



Yesterday...



Today...



Tomorrow...



Come see us now at:
www.atlanticstation.com

