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U.S. EPA Region 5 - A Greener Cleanup Workshop

Contractor Case Studies - URS Corporation

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URS



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- Leadership & Membership
- URS' Sustainability Services
- Greener Cleanup Case Studies
 - Experience & Collaboration
 - Projects Across Region 5
 - Public Sector – La Porte, Indiana
 - Private Sector – BP Whiting, Indiana
 - Private Sector – BP Wood River, Illinois
- Sustainability Commitment

Leadership & Membership

Sustainable Remediation Forum (SURF)



Interstate Technology & Regulatory Council (ITRC)



US Green Building Council (USGBC)/
Leadership in Energy & Environmental
Design (LEED)



US Business Council for Sustainable Development
(USBCSD) – locally, Chicago Waste to Profit Network







(USEPA, April 2008)

- “... actively support site remediation and revitalization that result in beneficial reuse such as commercial operations, industrial facilities, ... renewable energy development.”
- BP, Paulsboro, NJ



(Illinois EPA, 2008)

Projects Across Region 5



Projects	
	Landfill Gas Combustion MPCA, Duluth, MN
	Phytoremediation International Paper, Menasha, WI
	Phytoremediation City of Milwaukee, WI
	Multiple Green Remediation Projects BP, Whiting, IN
	Reuse of Demolition Debris, McCormick Place West Expansion, Chicago, IL
	Alternative Landfill Cover City of La Porte, IN
	Ecological Restoration BP, Lima, OH
	Greener Cleanup Pilot for LUST Sites Shell, Various Sites, IL
	Multiple Green Remediation Projects BP, Wood River, IL

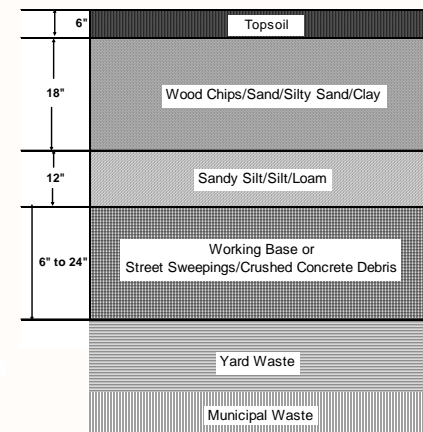


- Smart Growth Planning & Implementation addressed:
 - Environmental Impacts
 - Housing and Community Design
 - Infrastructure and Transportation Systems
 - Health
 - Real Estate Finance and Development
 - Public Sector Finance/Fiscal Impacts of Development





- Alternative Landfill Cover
 - Evapotranspirative cover
 - Reuse of existing materials on site
 - Street sweepings
 - Landscape materials
 - Equivalent protection
 - Cost savings



- Water
 - Groundwater Beneficial Reuse
 - Fire suppression
 - Supplied to POTW
 - Optimization of remediation
 - In-situ treatment
 - Flow rate optimization
- Soil
 - Master Plan for Site Reuse
 - Engineered barriers
 - Alternative Technologies
 - Alternative Fill Materials



- Energy
 - Renewables
- Built Environment
 - Demolition Material Recycling
 - Metal salvaged – building roofs, tanks, piping
 - Crushed concrete
 - Structural Reuse or Abandonment



- Energy
 - Solar powered mobile groundwater pumping systems
- Soil
 - Engineered barriers
 - Alternative Technologies
 - Alternative Fill Materials



Sustainability Commitment





Thank you for your time!

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