

Atlanta Brownfields Community Health Project

Presentation to
Georgia Mosquito Control Association
2010 Annual Meeting, Athens, GA
October 20, 2010



DCH Mission

ACCESS



Access
to affordable,
quality health
care in our
communities

RESPONSIBLE



Responsible
health planning
and use of
health care
resources

HEALTHY



Healthy
behaviors and
improved
health
outcomes

DCH Initiatives FY 2009 and FY 2010

FY 2009

**Medicaid Transformation
Health Care Consumerism
Financial & Program Integrity
Health Improvement
Solutions for the Uninsured
Workforce Development
PeachCare for Kids™ Program
Stability
Customer Service**

FY 2010

**Medicaid Transformation
Health Care Consumerism
Financial & Program Integrity
Health Improvement
Workforce Development
Customer Service
Emergency Preparedness**

Atlanta Brownfields Community Health Project Goals

- Using ATSDR Health Consultation and Health Education methods to promote public health during brownfields redevelopment
- Prevent exposures to hazardous substances from brownfields
- Create and enhance community partnerships

Atlanta Brownfields Community Health Project Overview

- ABC-Health Project
 - Background: Atlanta BeltLine Redevelopment
 - Health Impact Assessment and Health Consultation, Site Identification
 - Radon Testing and Scrap Tire Pile Collection/Reuse
- Community Involvement and Partnerships
 - Residents
 - Community Groups
 - Non-profit Organizations
 - Government (City, County, and State government)
 - Industry
 - Elected Officials

ABC-Health Project

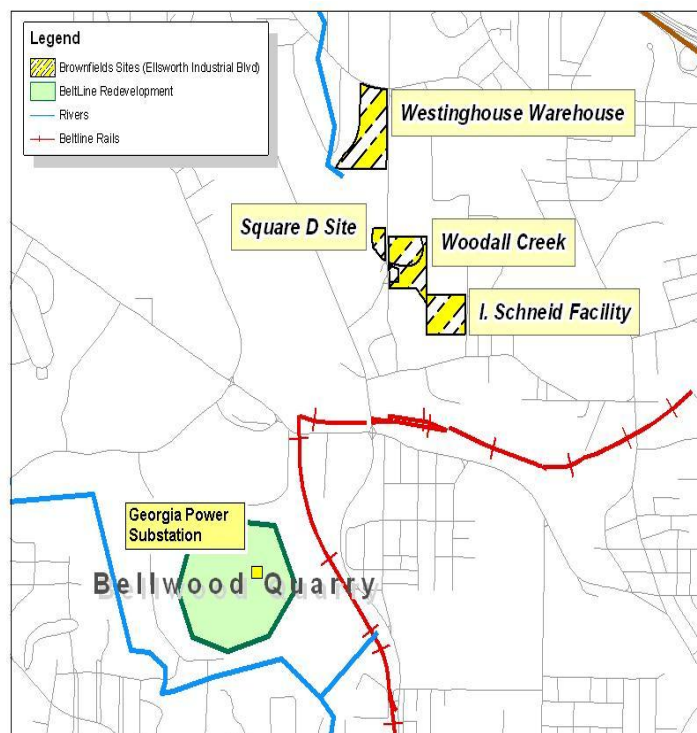
Brownfields Site Investigations

Atlanta Beltline redevelopment hampered by numerous potential brownfield sites

- **Westinghouse Warehouse**
PCE, TCE, and 1-1DCE in groundwater
- **Woodall Creek Site**
PCE and PCBs in sediment, groundwater
- **Square D Site**
TCE in soil and VOCs in groundwater
- **I. Schneid Facility**
Pesticides, metals and VOCs in soil

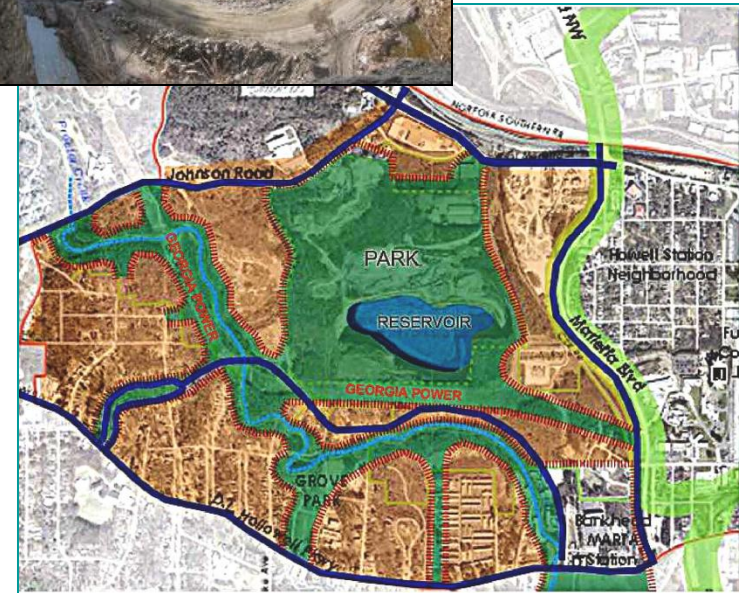
Above sites named to state Brownfield site list

- **Georgia Power Substation**
PCBs in soil. A health consultation determined no completed exposure pathway.
- **Bellwood Quarry**
Radon in granite



ABC-Health Project

- Quarry area to be developed into park and drinking water reservoir
- Historically industrial area in Atlanta



ABC-Health Project

Site and Community Description

- Electrical substation release of PCBs onsite.
- Nearest residence within 300 feet
- Demographics
 - 92% African American, 6% White
 - 67% with high school education, 22% greater than high school education

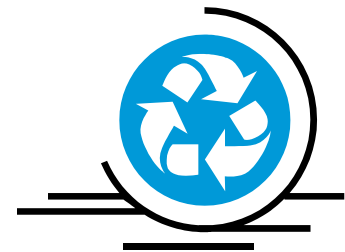
ABC-Health Project Activities

- Radon in Homes Testing Events, Local business donations
 - Residents tested homes, completed surveys, education materials distributed, results analyzed
- Helicopter Flight with Georgia state patrol
- Scrap Tire Collection Events and Collaboration for Reuse
- Scrap Tires –Environmental Public Health Issues:
 - Fires, Chemical leaching – PAHs
 - Vectors - mosquitoes and rodents
 - Recycling and reuse in the community (garden mulch / landscaping, rubber material play or exercise surface)

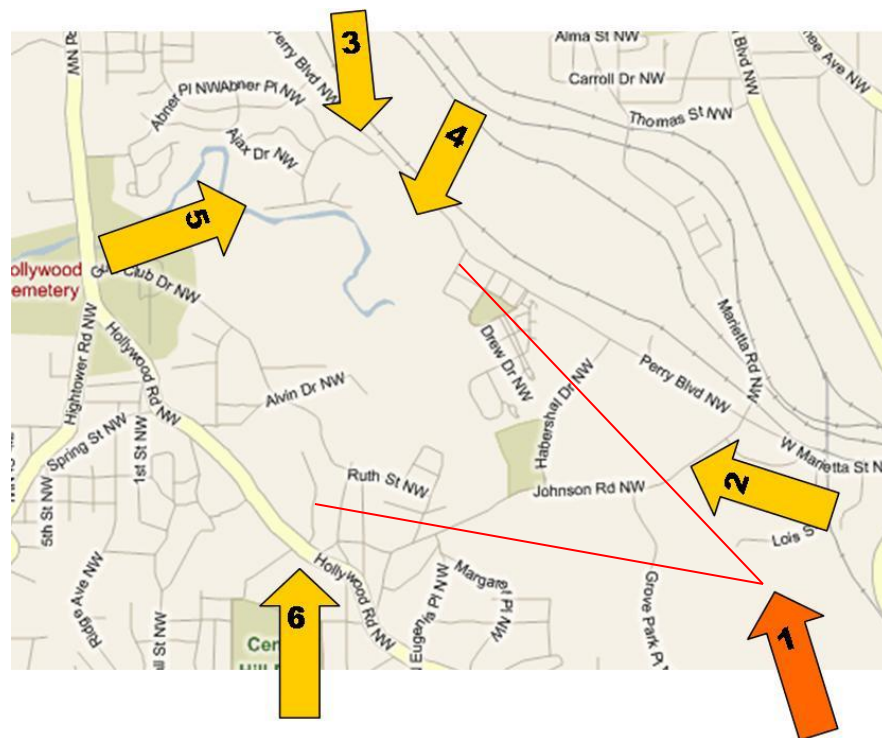
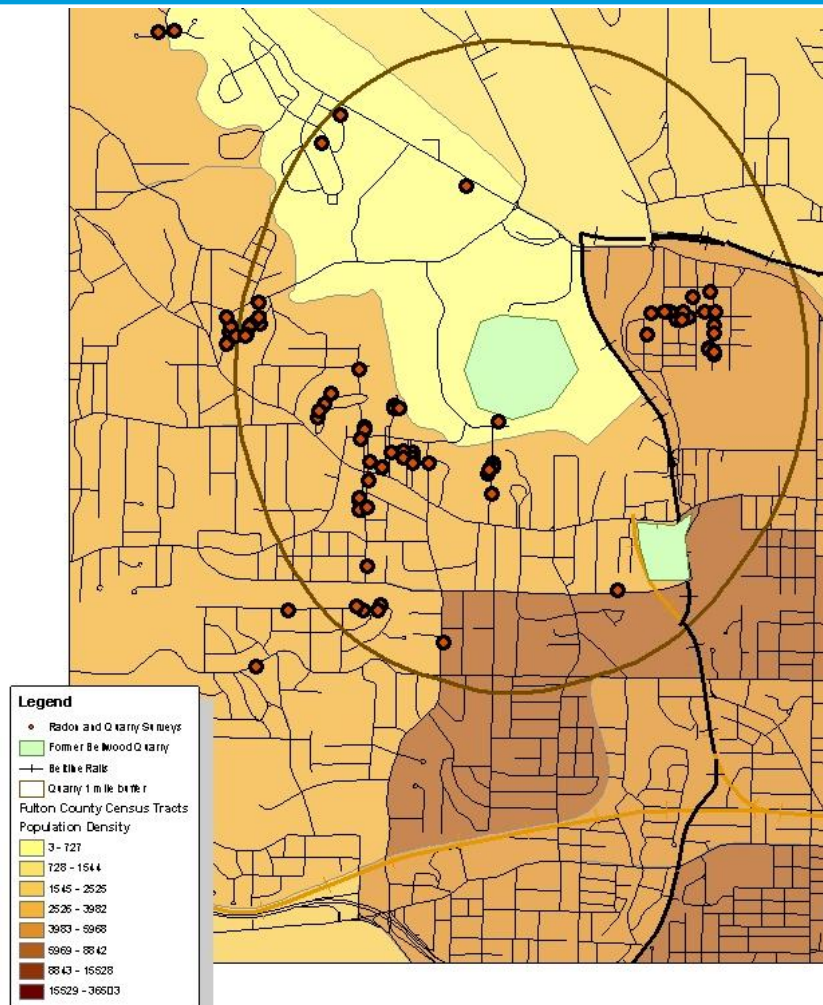
ABC-Health Project

Scrap Tire Initiative

- Scrap Tires –Environmental Public Health Issues:
 - Fires, Chemical leaching – PAHs
 - Vectors - mosquitoes and rodents
 - Recycling and reuse in the community (garden mulch / landscaping, rubber material play or exercise surface)
 1. Remove
 2. Recycle
 3. Reuse



ABC-Health Project Maps



Red lines show 1 mile from the quarry.

ABC-Health Project Partners' Helicopter Flight

Georgia Division of Public Health Partnered with:

- Fulton County Department of Health and Wellness
- West Atlanta Watershed Alliance
- Scrappy Green Recycles
- Village Vitals
- Grandparents Parenting Association



ABC–Health Project Site Identification



- Residents close to quarry and tire piles

ABC–Health Project Scrap Tire Initiative



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Identification and treatment for mosquitoes

ABC-Health Scrap Tire Initiative

Site Preparation



ABC-Health Scrap Tire Initiative Site Preparation



ABC-Health Scrap Tire Initiative Remove and Recycle



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Nearly 4,500 tires removed and recycled

ABC-Health Scrap Tire Initiative

Remove and Recycle

Go Green Round Up

- Removed and recycled nearly 4,500 tires
- More than 30 volunteers from the community
- media, local elected officials participating
- Provided environmental health education materials and discussed scrap tire reuse options



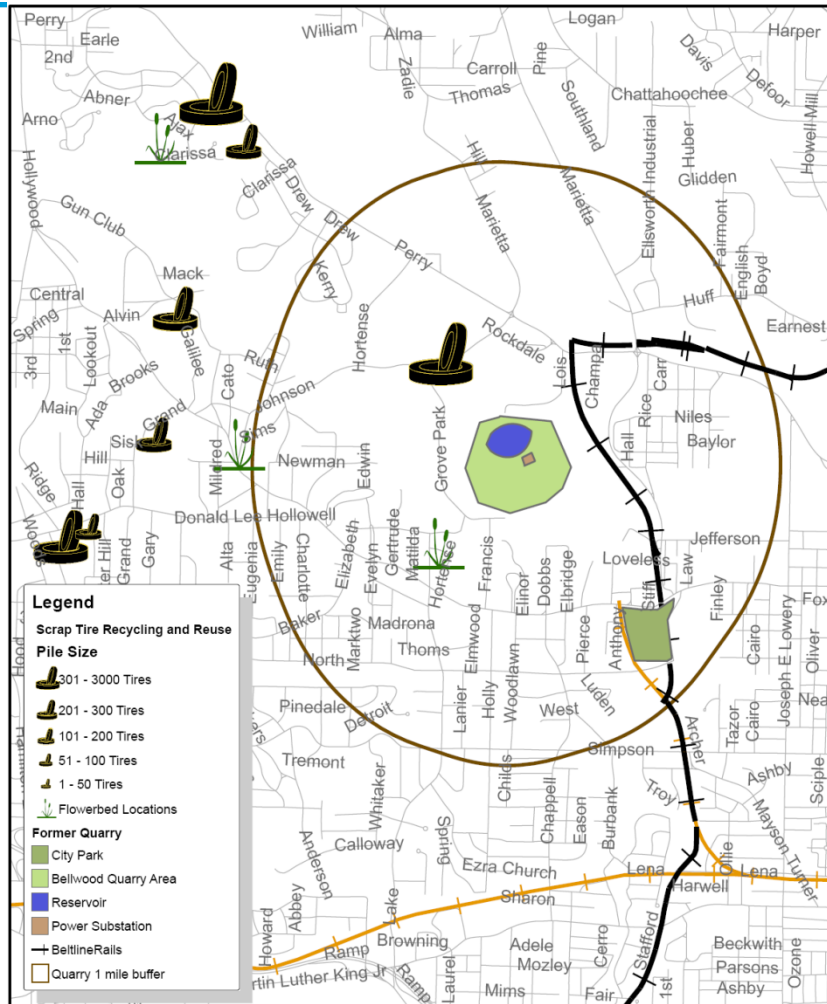
ABC-Health Scrap Tire Initiative Reuse



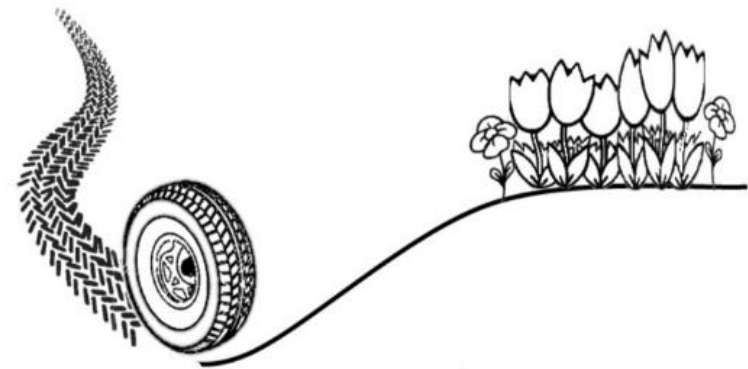
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Reused as mulch for flowerbeds for community beautification

ABC-Health Scrap Tire Initiative



Scrap tires from this neighborhood were
REMOVED, RECYCLED, & REUSED
to enhance the beauty of this flower bed.



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ABC-Health Project Contact Information

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