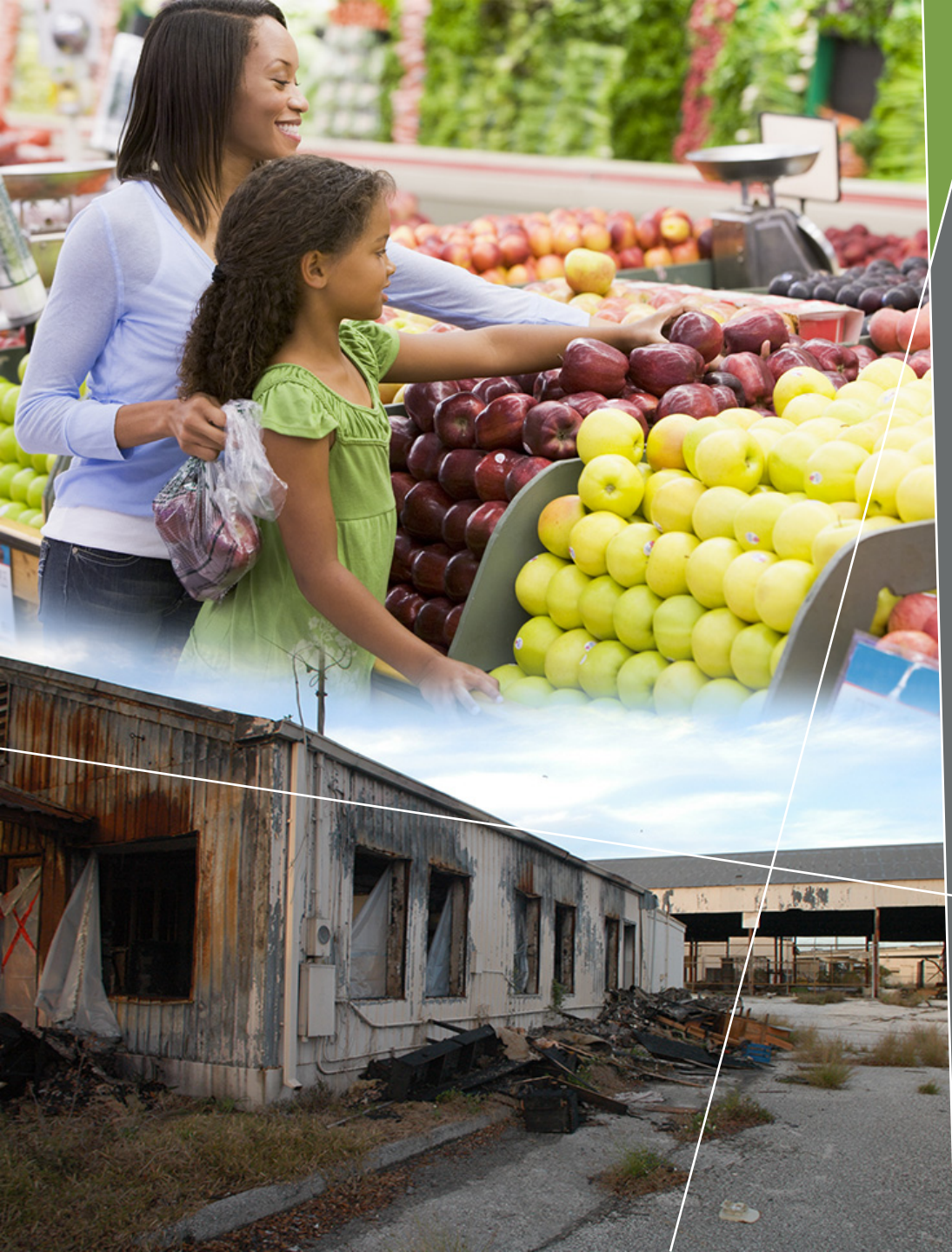

Brownfields to Healthfields:

for the

2015 Annual Georgia Environmental Conference

August 26, 2015

Presented By:
Miles Ballogg - *Cardno*

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What is a Brownfield?

EPA - A brownfield site is defined as real property, the expansion, redevelopment, or reuse of which may be complicated by the presence **or potential presence** of hazardous substances, pollutants, contaminants, controlled substances, petroleum or petroleum products, or is mine-scarred land.

Brownfields Redevelopment - Can result in a wide range redevelopment opportunities that result in viable economic and community development, residential and open-space/green-space uses and other mixed-use projects that provide direct community benefit through community driven redevelopment.

Multiple Bottom Line Improvements:

- **Remove Blight and Unsafe Buildings**
- **Clean Up Contamination in Overburdened Communities**
- **Create Jobs**
- **Improve Health/Address Environmental Justice**
- **Opportunity of Equitable Community Driven Redevelopment**

Remove the Junkyard from the Backyard

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Successful Brownfields Projects Address Environmental Justice Concerns

Environmental Justice

- **Environmental Justice** *is the fair treatment and meaningful involvement of all people regardless of race, color, culture, national origin, income, and educational levels with respect to the development, implementation, and enforcement of protective environmental laws, regulations, and policies....*
- **Environmental Justice** awareness enables communities to take action to improve their health and environment
- **Brownfields and Healthfields Redevelopment are tools to reverse negative environmental impacts and provide positive steps to provide access to Health and Healthcare**

Healthfields

"Healthfields" refers to the transformation of Brownfields Sites into viable projects that improve access to health and healthcare of the community through brownfields redevelopment, principals, tools and resources.

Ms. Willa Carson was the Pioneer of the Healthfields Movement

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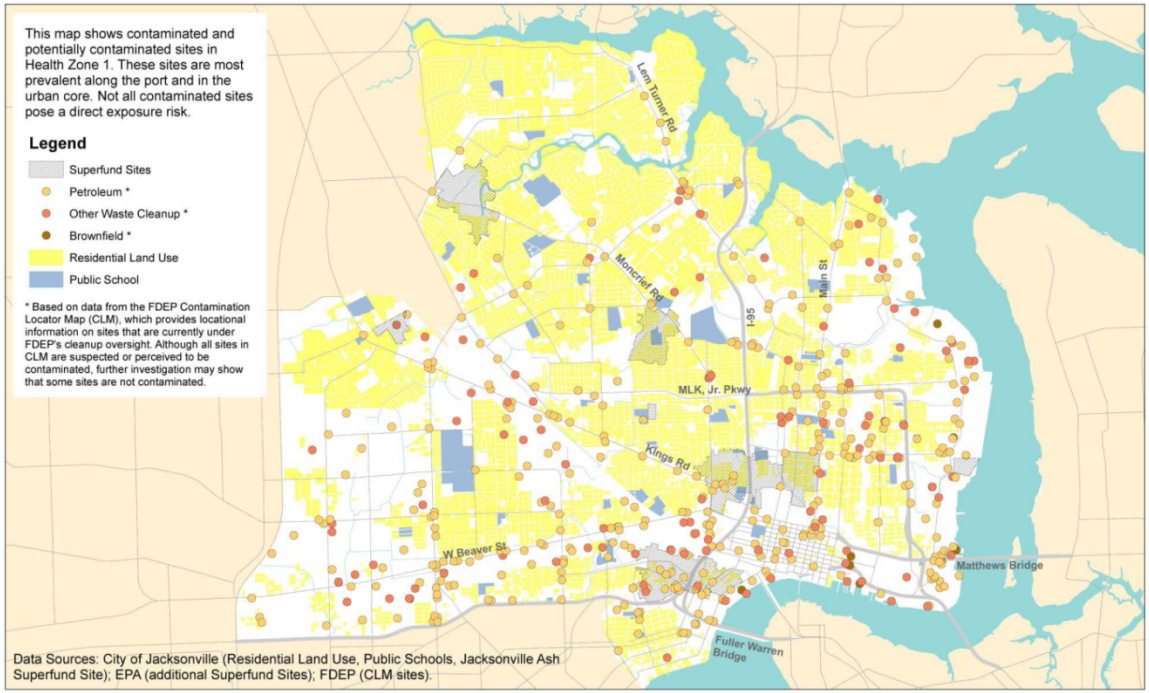
Why Healthfields?

Address Health Disparities and Provide Health & Healthcare in Underserved Communities – Health Zone 1, City of Jacksonville

Many Brownfields Communities Suffer Disproportionate Numbers of Health Disparities

Health Zone 1 has the highest rates of:

- Infant mortality
- Heart disease mortality
- Asthma-related emergency room visits
- Emergency room visits related to uncontrolled diabetes
- ***Need for Fresh Food and Health Care is Paramount***



Proximity to Contaminated or Potentially Contaminated Sites
Jacksonville Integrated Planning Project

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** *Information provided by SKEO Solutions*

Successful Brownfields/ Healthfields Projects

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Lacoochee Community Center/Health Care Center Lacoochee, FL

Brownfields to Public Health Success

Challenges

- No Access to Healthcare
- Former Borrow Pit/Sinkhole Geology
- Former Dump Area
- Metals and Petroleum Contamination
- Environmental Justice – Highest Concentration of Hispanic and African-American Population

Tools

- Community Partnership
- Withlacoochee Regional Electric Cooperative
- Nearly $2 million in State Appropriations and Private Funding
- Pasco County Brownfields Assessment Grant
  - Phase I & II ESAs, Geotechnical Reports
- HRSA Change in Scope
- Health Impact Assessment – Demonstrating Need

Results

- 12,800 sq. ft. Building
- Premier Healthcare FQHC
- Nutrition and Job Training Programs
- Gymnasium
- Boys & Girls Club
- Officer-Friendly Program in the Center /Violence Prevention
- Public Housing Authority Involvement

Health Center Grand Opening
3/25/15

Community Partners

Melanie Kendrick – *Pasco County*
Cheryl A. Pollock – *Premier Community HealthCare Group, Inc.*
Sandra Whitehead – *NACCHO*

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Central Florida Healthcare
Mulberry, FL

Brownfields to Public Health Success

Challenges

- Medically Underserved Community in Polk County, Florida to healthcare on Brownfields sites
- Numerous Abandoned Petroleum sites and Mined Lands within the City
- Funding for Assessment Remediation and Redevelopment
- Nearest Hospitals or clinics 9.8 miles and 12.01 miles

Tools

- USDA Community Visioning
- CFRPC – Brownfields Assessment Grant
- Donation of City Land
- HHS - HRSA Planning Grant
- EPA - Brownfields Assessment Grant – Outreach, Reuse Planning & Phase I& II ESA
- HHS- HRSA School-Based Grant
- HHS- HRSA New Access Point Results

Results

- Community Based Healthcare in Rural Underserved Community

Health Center Grand Opening
4/8/15

Community Partners

Ann Claussen – *Central Florida Health Care*
Jennifer Codo-Salisbury – *Central Florida Regional Planning Council*
Rick Johnson – *City of Mulberry*

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Robert L. Cole Community Lake / Park
Tampa, FL

Brownfields to Open Space / Green Space

Challenges

- Former Landfill Site
- Need for Community Open/Green Space

Tools

- Community Support
  - Project Named after Community Legend, Robert L. Cole
- $1.1 Tax Increment Funding (East Tampa Community Redevelopment Agency)
- Designs provided by University of South Florida School of Architecture

Results

- Multi-Use Community Park / Lake
- Opportunity for Open-Space / Green-Space in Underserved Community
- Recreational Opportunities – Boardwalk, Walking Trail, Exercise Stations
- Observation Tower, Pier
- University of South Florida and Local Elementary Schools Partner on Water Quality Research Project
- Public Art / Culture – Historic African Americans Quotes Engraved in Walking Trail

Open Space / Green Space Address Health Issues through Opportunities for Physical Activity

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Remaining Challenges

Northeast Florida Health Care – Health Zone 1
Jacksonville, FL

Community Searching for Healthcare Solutions in Severely Underserved Community

Challenges

- Disproportionately high incidences of health issues
- Numerous Brownfield sites adjacent to residential areas including a Superfund sites
- Healthcare access impacted by transportation/location of health care facilities
- Large, urban area – limited resources & support

Tools

- Designation as EPA EJ Showcase Community – increases visibility – focuses resources
- Grants, Public –private partnerships
- Mobile healthcare services

Potential Results

- Potential Fresh Foods in Food Desert Area
- Increased Access to Affordable Healthcare
- Decrease in health disparities – increase in wellness
- New Economic Development/Commerce

Community Partners

Wynetta Wright *– East Side Environmental Council*

***Ken Pinnix**) – East Side Environmental Council*

Conclusion

Healthfields redevelopment projects can result in potential opportunities to improve health and health care, install environmental justice and health equity and promote economic development in underserved communities.

"Healthfields - Reducing Health Disparities through Redevelopment"

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Questions?

Thank You !

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