



Meeting in the Middle

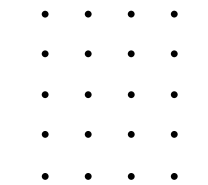
An Introduction to the Mid-Atlantic TAB Team

Welcome! Introduce yourself in the chat and include:

- **Name and organization**
- **Community**
- **What is one of your new year's resolutions?**



MID - ATLANTIC
TAB
TECHNICAL ASSISTANCE TO
BROWNFIELDS COMMUNITIES



Agenda

01

About TAB

02

Meet the Partners

03

Case Studies

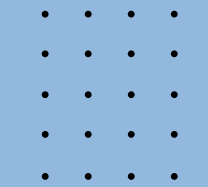
04

Contact Information

05

Upcoming Events





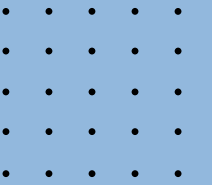
About us

Mid-Atlantic TAB is a collaboration between leading programs. The TAB Program provides technical assistance to communities and stakeholders to help address their brownfield sites and to increase their understanding and involvement in brownfields cleanup, revitalization and reuse.

The TAB Program is funded by EPA and available to all stakeholders.



What We Do

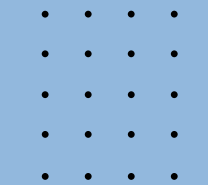


We are an independent resource providing support and guidance to help communities understand:

- Basic information about brownfields
- Resources for acquiring, assessing, cleaning up and redeveloping brownfield properties
- Health impacts of brownfield sites
- EPA brownfield grants and TBA assistance
- Any other questions throughout the brownfield assessment and redevelopment process

All TAB services
are FREE!





Our Services

01

Education and Outreach

Mid-Atlantic TAB provides educational opportunities to educate stakeholders on brownfield redevelopment and its impacts.

03

EPA Application Support

We offer support in finding and understanding EPA applications and requirements.

02

EPA Grantee Support

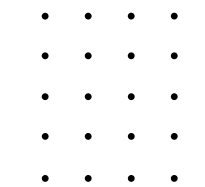
Our team helps communities and organizations better understand and apply for grant opportunities related to brownfield projects.

04

Technical Assistance

Mid-Atlantic TAB offers support on brownfield projects, including assistance with site design, project finance, health, remediation, and site preparation.





In Other Words

If you:

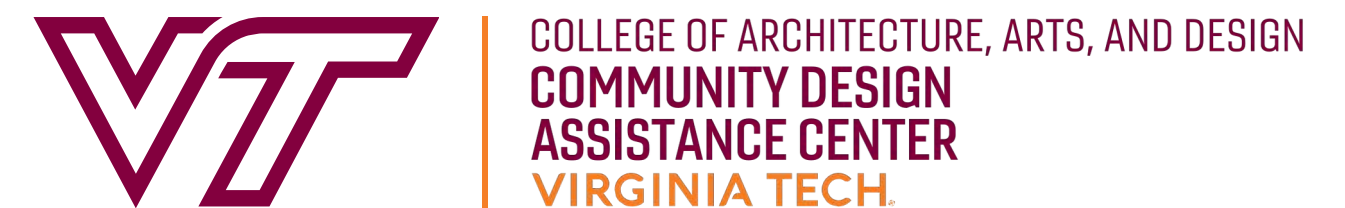
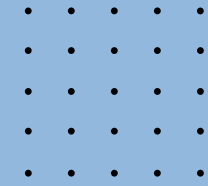
- Don't know what a brownfield is...
- Are overwhelmed by the redevelopment process...
- Are afraid of potential contamination and liability...
- Don't know how to pay for cleanup or redevelopment...
- Would like assistance coordinating with EPA or state agencies...

Let us help!





Meet the Partners



The WVU Team



Carrie Staton



Katie See



Becca Phillips



Seth Cardwell



Jared Stewart



Brownfields Assistance Center
at WVU

Program Evaluation at WVU



**Samantha
Moyers-Kinsella**



Christian Abildso

Brownfields Assistance Center at WVU

The WVU team coordinates with all partners of Mid-Atlantic TAB to ensure timely response and assistance from appropriate team

Grant Administration

Coordinate:

- Partners and consultants, as needed
- EPA and other TAB partners

Promotional & Educational Materials

- Identify outreach and webinar topics
- Develop educational webinars and materials, including newsletters, handouts, social media posts



Brownfields Assistance Center at WVU

EPA Grantee Support

- Statewide cohort facilitation
- Support to grantees throughout implementation
- Grant debriefs
- Templates and other resources
- Quarterly discussion groups

EPA Applicant Support

- Grant-writing workshops, webinars, and support
- Government systems support (Sam.gov; Grants.gov)
- Grant reviews and debriefs



Brownfields Assistance Center at WVU

Site Specific Technical Assistance

- General property or project questions
- Navigate brownfield redevelopment process
- Community engagement and facilitation
- Resource roadmap to identify funding sources

Area-Wide Technical Assistance

- Brownfield inventory support
- Business and brownfield walkabout
- Facilitate state and EPA program support

Program Evaluation



Program Evaluation



**Evaluating the TAB
program**



**Evaluating completed
brownfield
revitalization projects**



**Identifying areas for
future brownfield
work**

School for Community & Economic Development, the Community Engagement Lab (CEL)



Peter Butler



**Dr. Nicole
Kreidler**



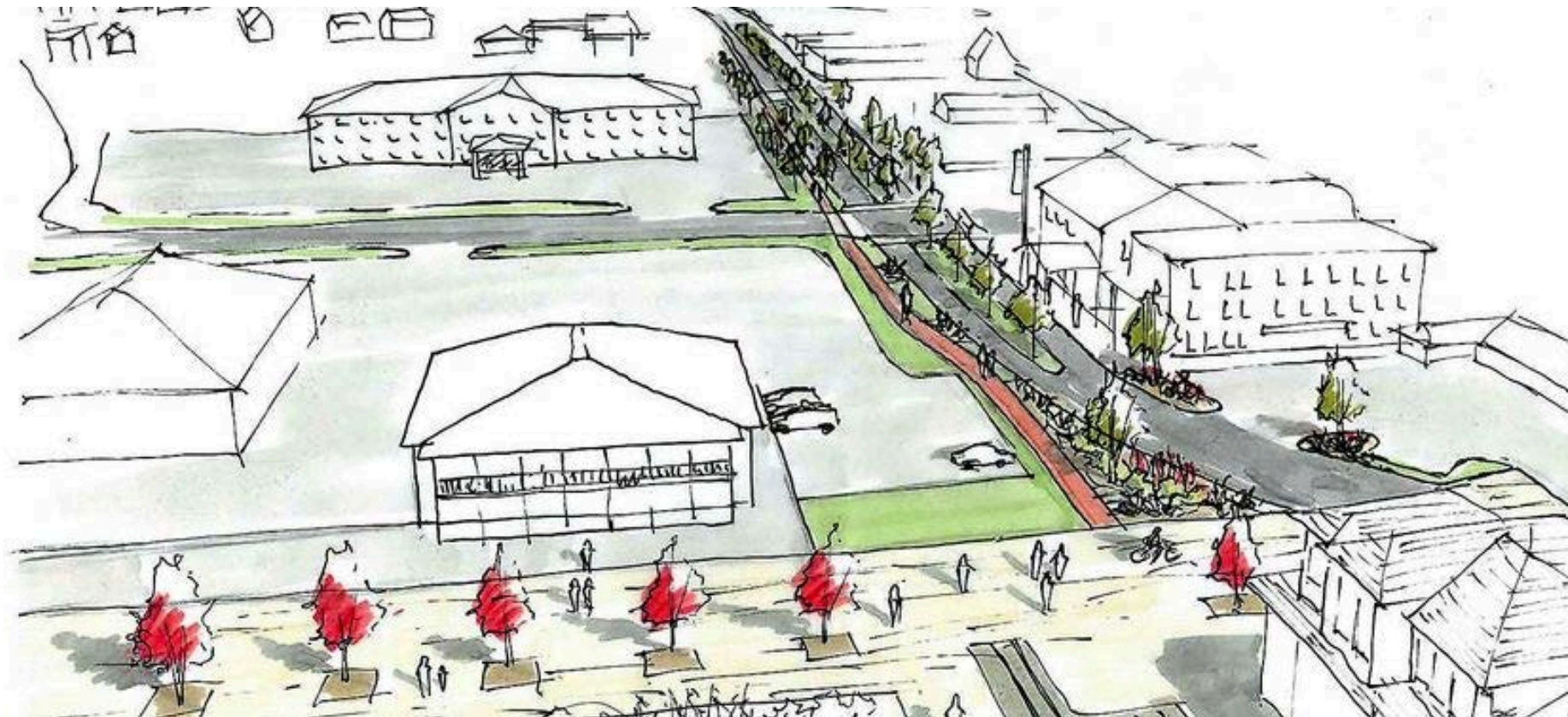
Prof. Lisa Orr



**Dr. Stefania
Staniscia**

School for Community & Economic Development, the Community Engagement Lab (CEL)

Within the School for Community & Economic Development, the Community Engagement Lab (CEL) brings together the expertise of WVU faculty, the energy of students, and the experience of community partners to solve critical problems through design.



The CEL provides

- A robust SCAFFOLDING approach
- A collaborative academic and community context
- Trans-disciplinary 'laboratories' with respect and cultivation of relationships

School for Community & Economic Development, the Community Engagement Lab (CEL)

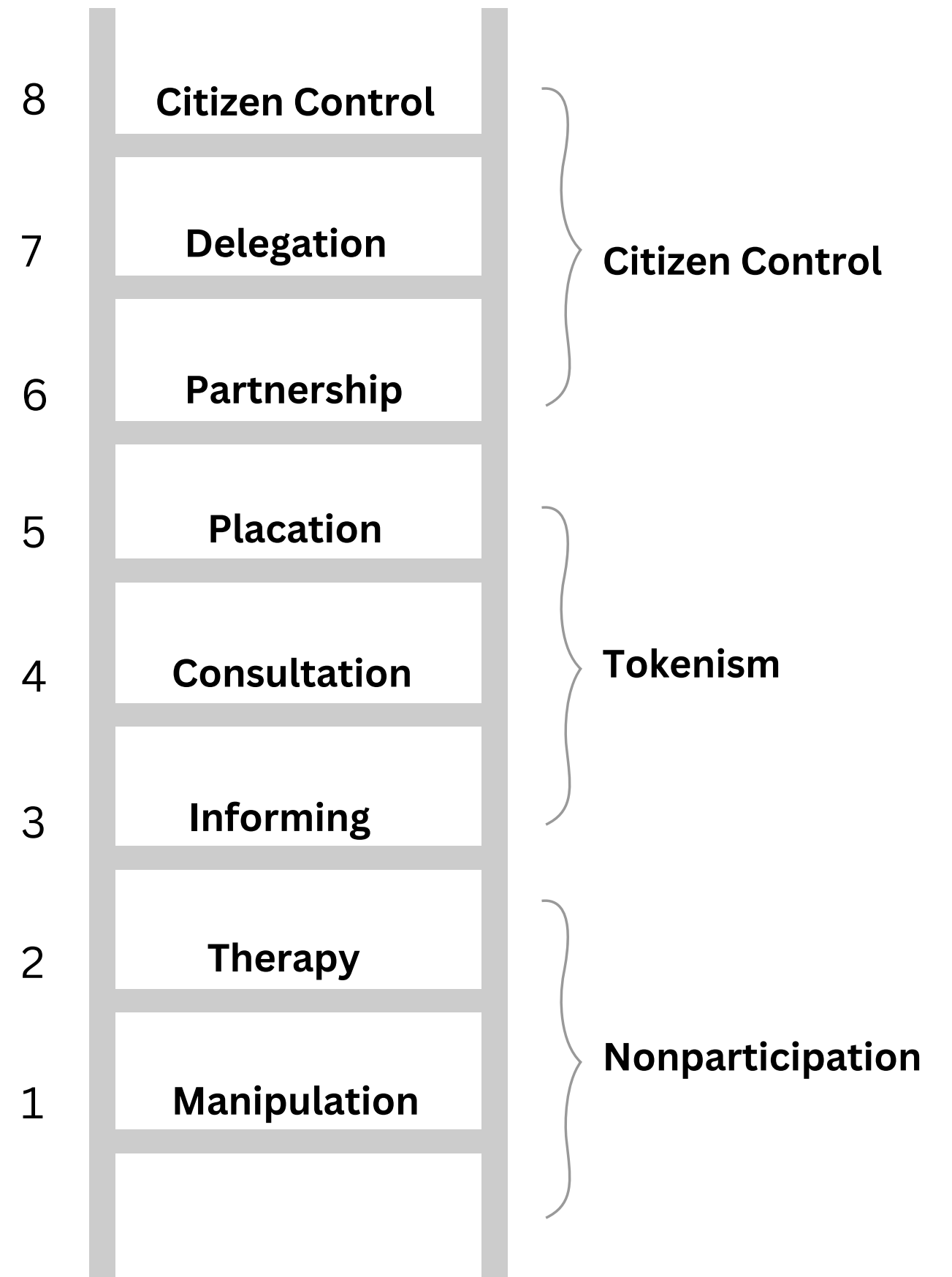
The CEL Process includes:

- Co-design...an interactive design mode ...
- Giving voice to engaged stakeholders and providing a forum for contribution
- Training students in necessary skills and knowledge to lead process
- Drawing and mapping,
- Verbal communication, listening, and knowledge of technological concerns
- The opportunity to engage in service and outreach
- Iterative design process

Measuring Progress and Impacts

Sherry Arnstein's Ladder of Citizen Participation

Reflecting on process and outcomes related to the "ladder"



Arnstein's Ladder (1969)
Degrees of Citizen Participation

University of Delaware



UNIVERSITY OF DELAWARE
BIDEN SCHOOL OF PUBLIC
POLICY & ADMINISTRATION



Jennifer Reitz



Lori Spagnolo

University of Delaware

UD TAB is a collaboration between the Institute for Public Administration and the Coastal Resilience Design Studio (CRDS).

How We Can Help

- Providing brownfields education and outreach
- Assisting with brownfield inventories
- Identifying qualified environmental professionals
- Planning assistance and site design
- Engaging your community on a brownfields project
- Matching your project to grants
- Navigating the grants process



The *Coastal Resilience Design Studio* is an interdisciplinary team of student designers, researchers, and engineers exploring *creative and thoughtful solutions* to the many challenges facing *Delaware's coastal communities*.

The *CRDS* aims to *equip communities* with *tools, designs, and adaptation strategies* to mitigate disruptions from short-term hazardous events and long-term environmental changes based on community feedback and professional advisory.



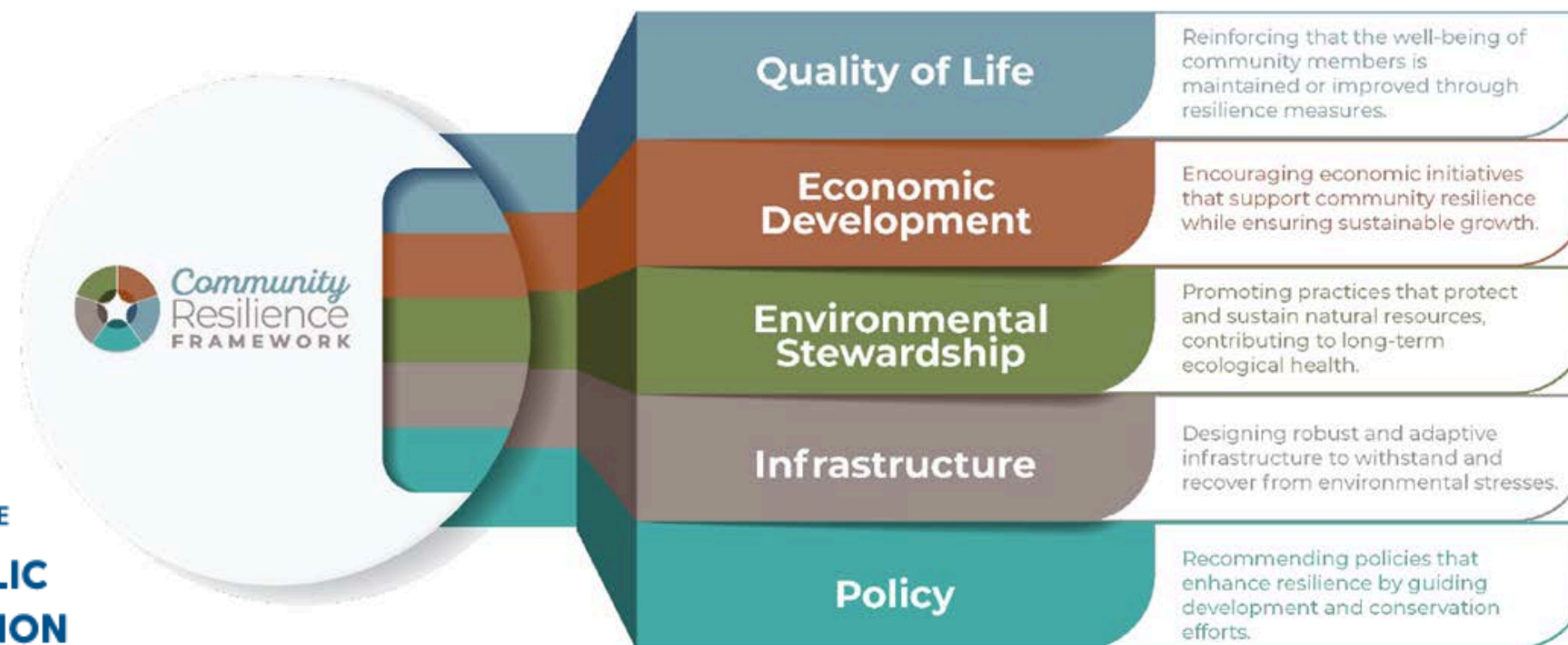
UNIVERSITY OF DELAWARE
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POLICY & ADMINISTRATION

University of Delaware



The University of Delaware Coastal Resilience Design Studio is a multidisciplinary, student-powered initiative that develops innovative, sustainable design solutions aimed at strengthening the resilience of coastal communities in Delaware against the impacts of climate change, sea-level rise, and extreme weather events.

THE CRDS COMMUNITY RESILIENCE FRAMEWORK



UNIVERSITY OF DELAWARE
**BIDEN SCHOOL OF PUBLIC
POLICY & ADMINISTRATION**

Marshall University



George Carico



Mark Buchanan



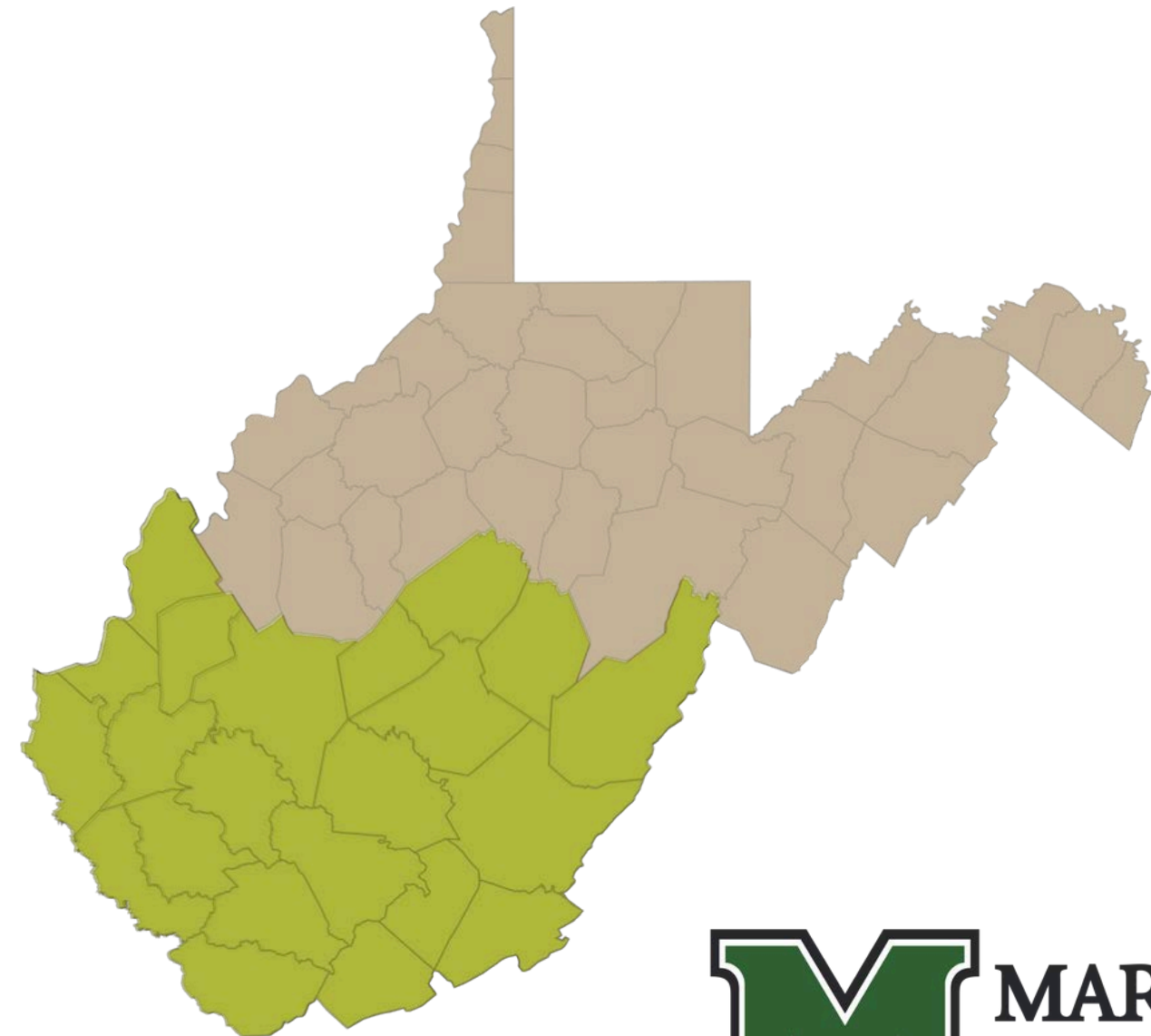
Catherine Gooding

Marshall University

The West Virginia Brownfields Assistance Center at Marshall University, located in Huntington, WV serves the southern 22 counties in West Virginia with collaborations extending statewide.

How We Can Help

- Assist entities to understand the need for Phase I Environmental Site Assessments (ESAs) and subsequent ESAs as/when needed
- Interpret ESA results
- Assist with "Next Steps" after ESA reports completed
- Assist entities to understand cleanup standards and related cleanup requirements
- Cleanup preparation assistance activities



Virginia Tech



COLLEGE OF ARCHITECTURE, ARTS, AND DESIGN
COMMUNITY DESIGN
ASSISTANCE CENTER
VIRGINIA TECH.



Elizabeth Gilboy



Harry Gleason

Community Design and Assistance Center

How We Can Help:

- Provide conceptual landscape architecture, architecture, and interior design assistance to communities and community groups
- Create a vision in graphic form to better position projects for future funding opportunities
- Provide opportunities for paid experience for design students



Community Design and Assistance Center

General Types of Projects:

- Conceptual designs for parks and trails
- Site master planning
- Infill development concepts
- Conceptual designs for redeveloping buildings (former gas stations, historic downtown buildings, former depots, etc.)
- Conceptual designs for creating new buildings
- Interior space planning
- Interior design (furnishings and finishes)



Community Design and Assistance Center



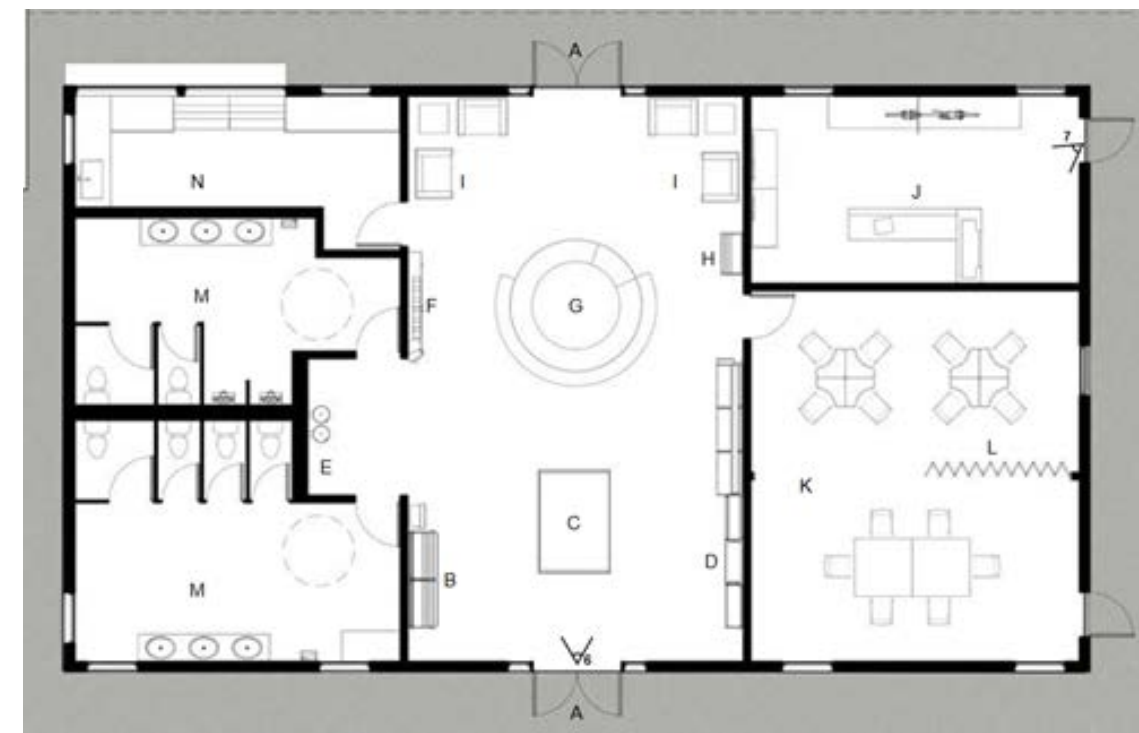
Types of Projects

Architecture

Interior Design

Landscape Architecture

Planning





University of Delaware
Northeast Wilmington, DE



Marshall University
Former Clifford Armory



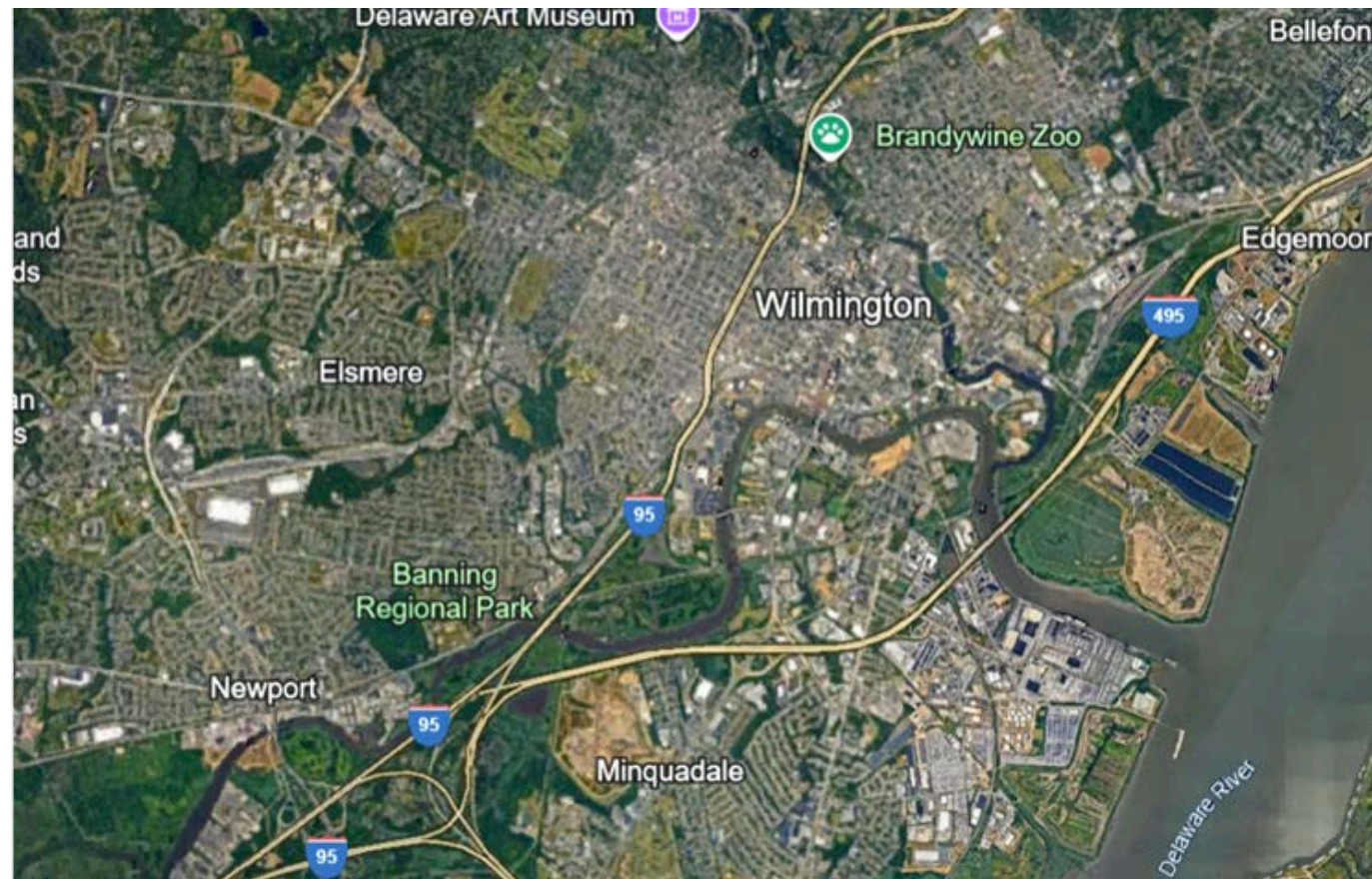
Virginia Tech
Conceptual Redevelopment
Plan for the Southern
Railyard

Case Studies

Case Study #1

University of Delaware
Northeast Wilmington, DE

Northeast Wilmington, DE



- Industrial legacy along the Brandywine River including mills, coal power plant, salvage yards, and a quarry pond
- 2019 EPA Area-wide Assessment Grant
- Identified catalyst site: Diamond State Salvage
- Living Shoreline concept/Riverfront Park/access to the river for residents





Northeast Wilmington, DE



UNIVERSITY OF DELAWARE
BIDEN SCHOOL OF PUBLIC
POLICY & ADMINISTRATION

Case Study

Northeast Wilmington, DE

- Followed up with a 2022 EPA Assessment Grant focused on the catalyst site
- 2022 – Hurricane Ida caused downstream flooding that breached the banks of the Brandywine Creek
- Redevelopment plan being reevaluated to improve flood mitigation, account for sea level rise
- Community Partners
- DE Dept of Natural Resources
- City of Wilmington
- DE Dept of Transportation
- NE CDC/NE Rising



Case Study #2

Marshall University
Former Clifford Armory

Former Clifford Armory

Ronceverte, Greenbrier County, WV



Details

- Facility is owned by the Ronceverte Building Commission, built in the 1920's
- Basketball court, indoor walking track, classrooms and other larger rooms, large kitchen area
- Facility is underutilized, but could be an asset for the community and local area
- Some of the facility is in need of upgrading (classrooms, kitchen, window replacements, ADA accessibility, etc.)
- Ronceverte needs assistance in how best to utilize this facility

Former Clifford Armory

Ronceverte, Greenbrier County, WV

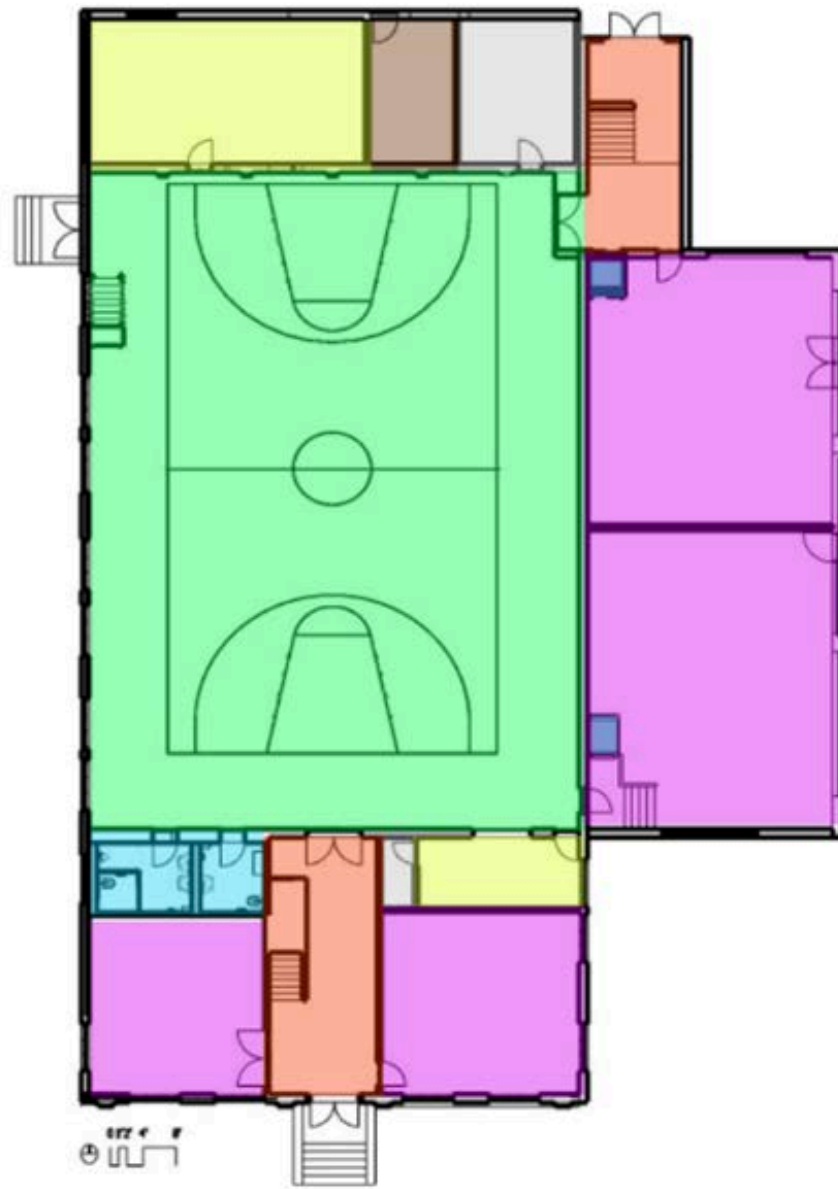


Activities

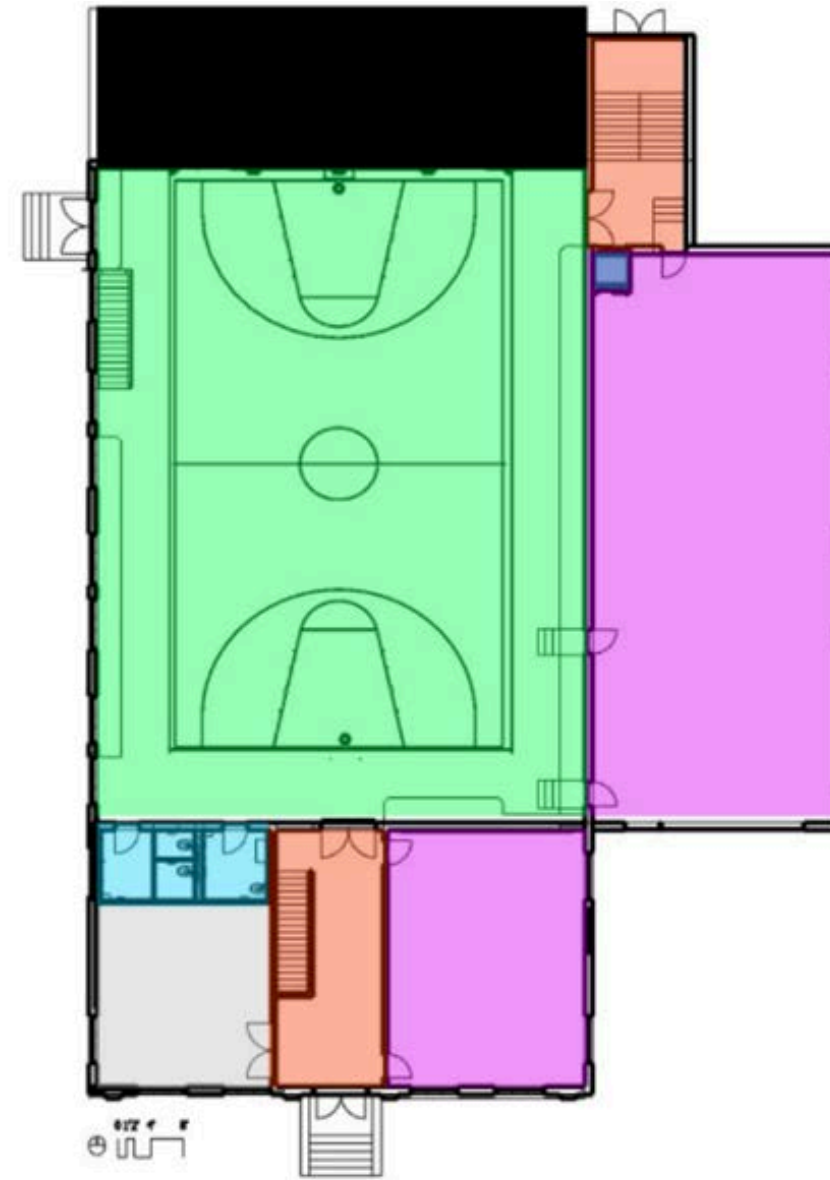
- Environmental Site Assessments performed to determine current site conditions (Phase I Environmental Site Assessment, Asbestos / Lead-Based Paint / Mold inspections)
- Structural Review of the indoor walking track to ensure track is safe for use
- Facility reuse concept designs compiled
- Potential funding sources identified for building upgrades

Former Clifford Armory

Ronceverte, Greenbrier County, WV



Floor Plan of First Floor



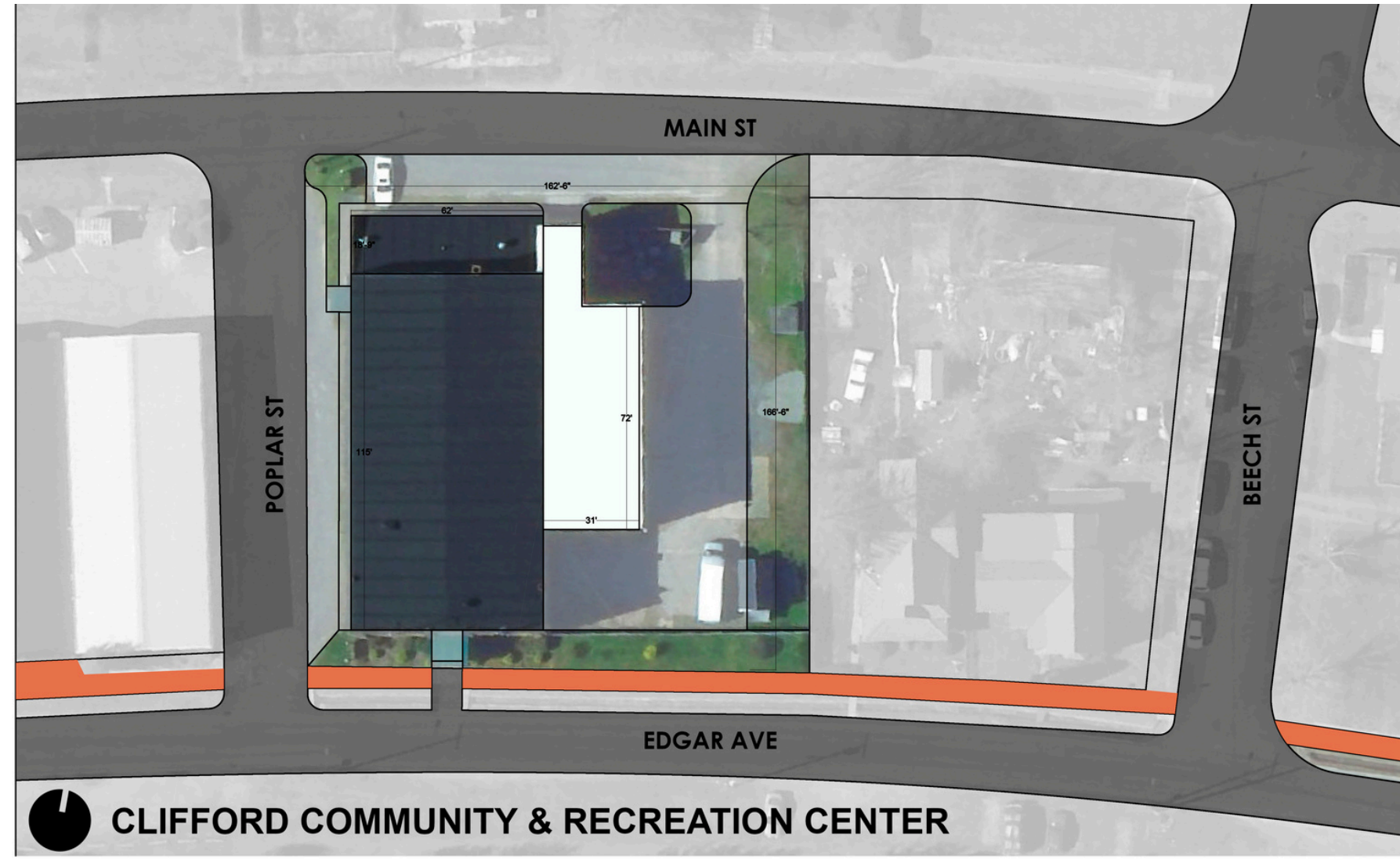
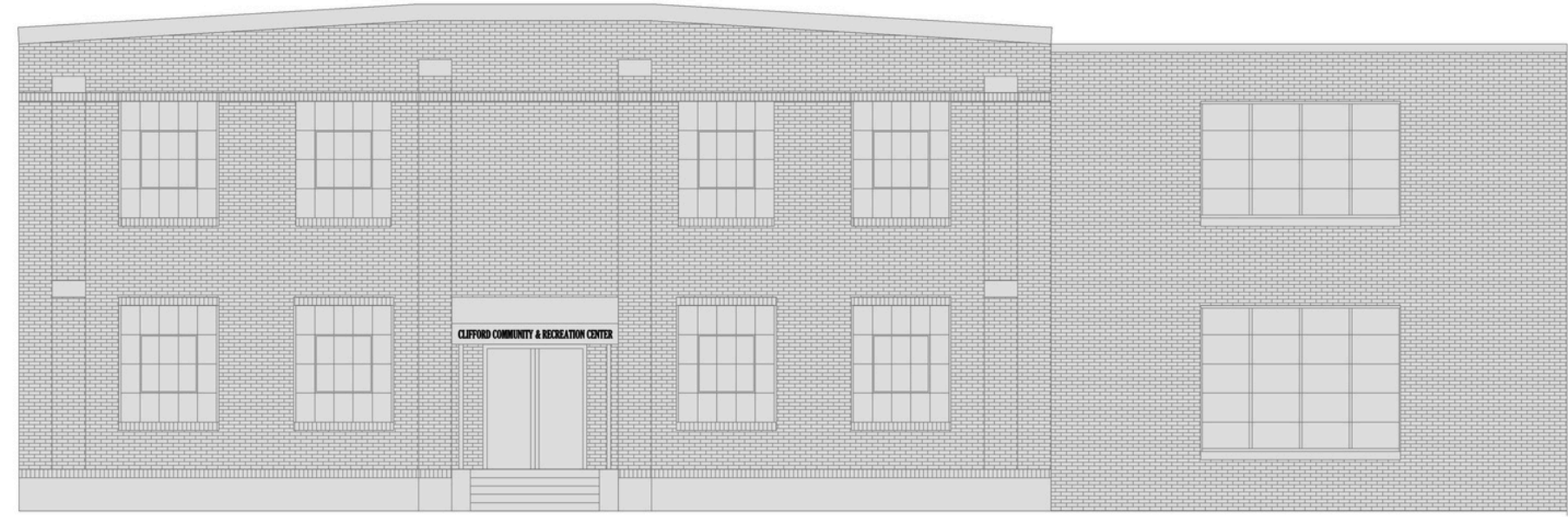
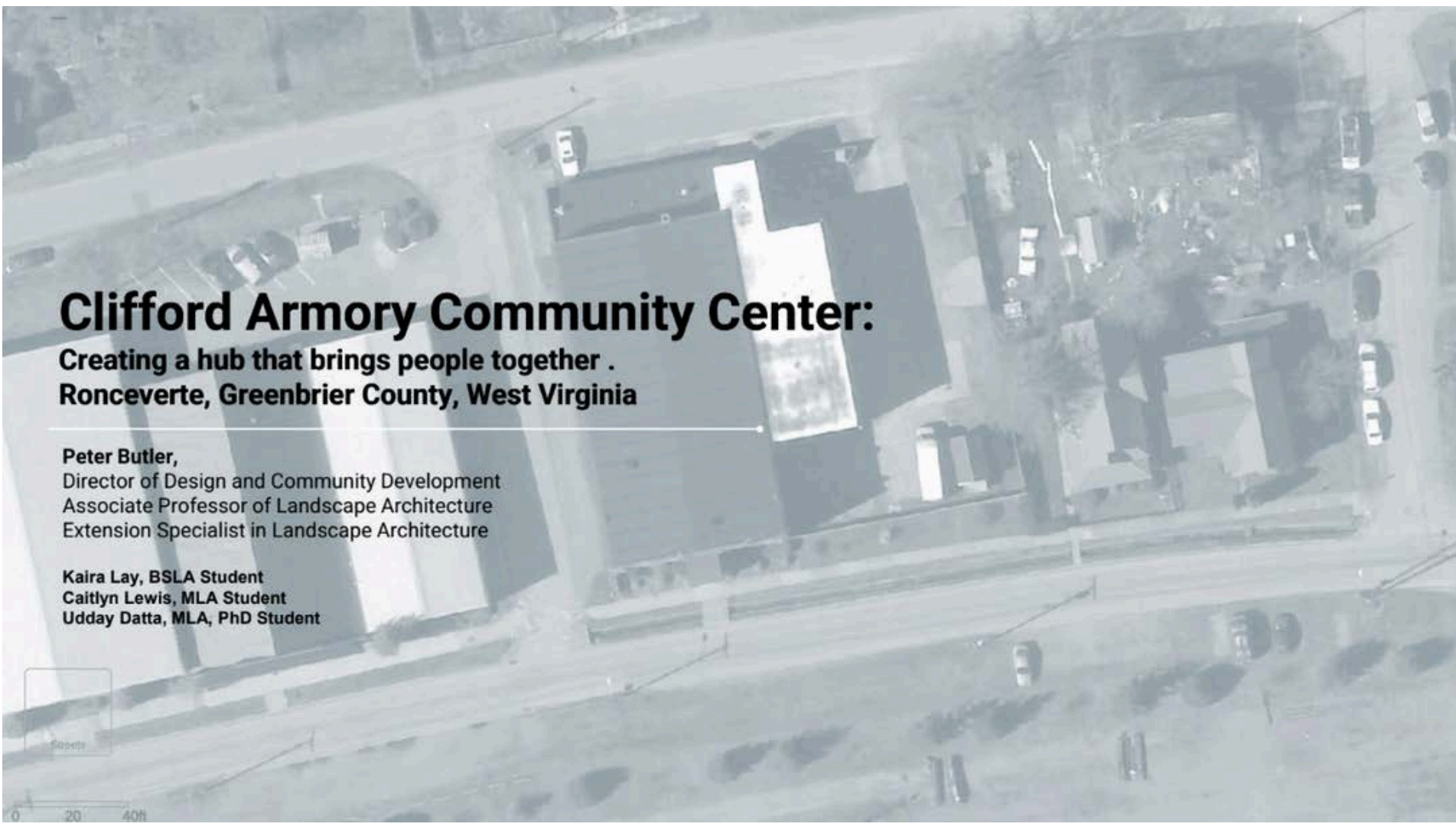
Floor Plan of Second Floor

Project Partners:

- WV Department of Environmental Protection
- WVU Interior Architecture Program
- WV Community Development Hub
- WV Hive
- Region 4 Planning and Development Council
- Greenbrier Valley Economic Development Corporation

Ongoing redevelopment needs:

- Window replacement & weatherization
- Mold & asbestos abatement
- Elevator installation
- Solar microgrid



Student Work from the School for Community & Economic Development, the Community Engagement Lab (CEL)

Case Study

Case Study #3

Virginia Tech

Conceptual Redevelopment Plan for the Southern Railyard

Conceptual Redevelopment Plan for the Southern Railyard

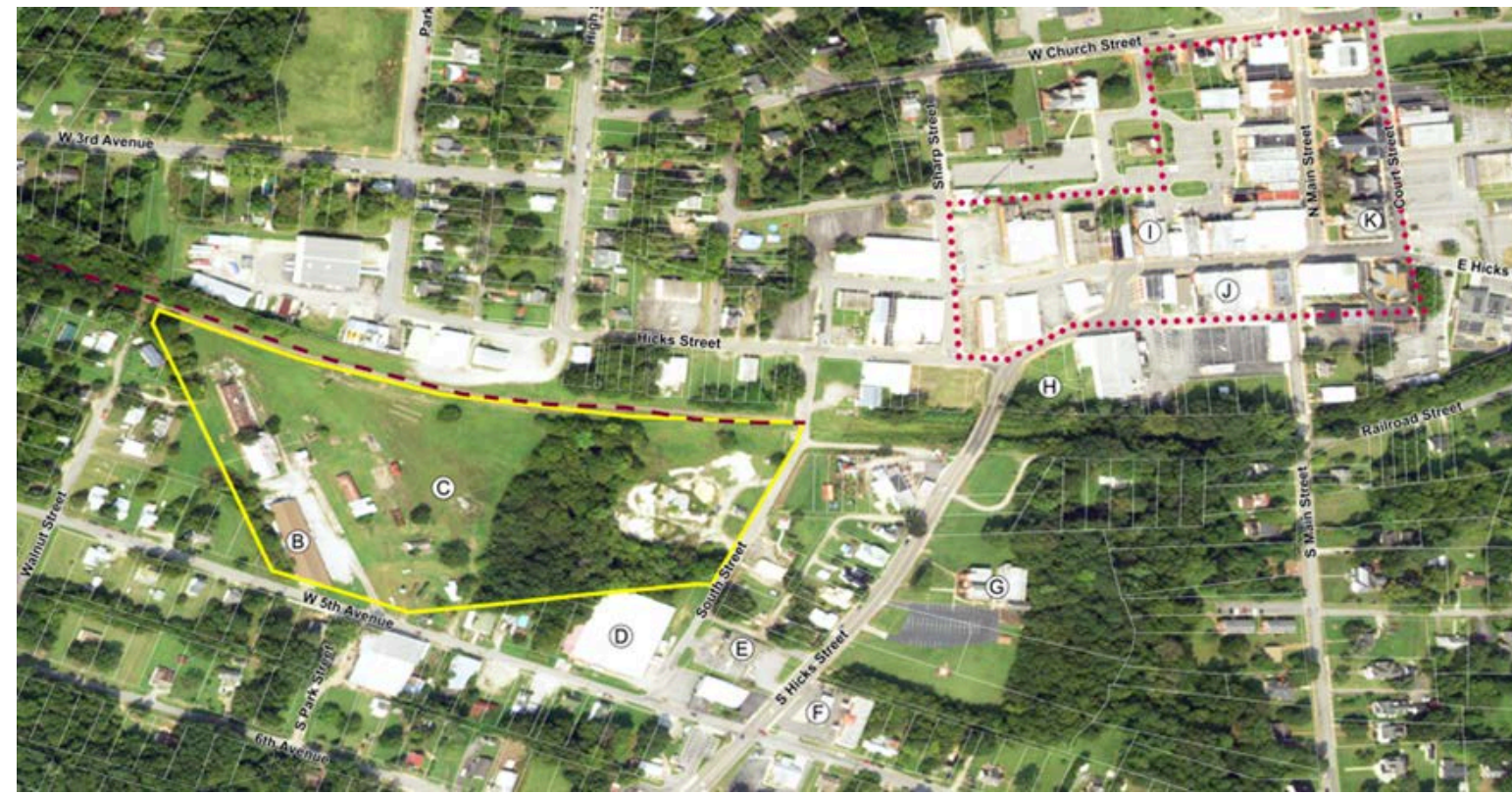
Lawrenceville (Brunswick County), VA



Case Study



Lawrenceville
 Lawrenceville: 1,015
 Brunswick County: 15, 291



Location of the former turntable



- Clockwise starting upper left:
- Community Meeting
 - Burned caboose
 - Scale House (Image from Stantec)
 - Fenton Bros Transit Mix



Case Study



Proposed splashpad at the former turntable



Proposed amphitheater at the transit mix section of the site



Case Study



Perspective of the Visitor and Community Center building from the Tobacco Heritage Trail



Perspective of the Visitor and Community Center main lobby



Floor plan of the Visitor and Community Center building







Case Study









Perspective of the renovated caboose as a meeting room

Case Study

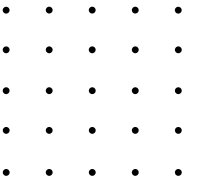
Mid-Atlantic TAB Partners

 <p>West Virginia University TECHNICAL ASSISTANCE TO BROWNFIELDS COMMUNITIES</p>	<p>wwutab@mail.wvu.edu</p>	<p>Website Link</p>
 <p>Program Evaluation at WVU</p>	<p>smoyers2@mail.wvu.edu cgabildso@mail.wvu.edu</p>	<p>Website Link</p>
 <p>School for Community & Economic Development, the Community Engagement Lab (CEL)</p>	<p>pebutler@mail.wvu.edu</p>	<p>Website Link</p>
 <p>UNIVERSITY OF DELAWARE BIDEN SCHOOL OF PUBLIC POLICY & ADMINISTRATION</p>	<p>jreitz@udel.edu</p>	<p>Website Link</p>
 <p>MARSHALL UNIVERSITY™</p>	<p>goodingc@marshall.edu carico@marshall.edu</p>	<p>Website Link</p>
 <p>COLLEGE OF ARCHITECTURE, ARTS, AND DESIGN COMMUNITY DESIGN ASSISTANCE CENTER VIRGINIA TECH.</p>	<p>egilboy@vt.edu</p>	<p>Website Link</p>

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	West Virginia	Casey Korbini Casey.E.Korbini@wv.gov	Christopher Lesniak Lesniak.Christopher@epa.gov

Upcoming Events



JAN
29
[Register](#)

Recipe for Redevelopment Webinar

This is your chance to learn what essential ingredients you need to convert neglected areas into sweet community assets - starting with a brownfields inventory.

FEB
4-5
[Register](#)

West Virginia New Markets Tax Credits Education Tour

An informative in-person event on the New Markets Tax Credit (NMTC) program and how it can transform communities and drive economic growth. Sessions are located in Wheeling, Fairmont, and Charleston.

FEB
6
[Register](#)

Brownfields on the Riverfront Webinar

The West Virginia Water Research Institute (WVWRI) virtual seminar with presenters Carrie Staton and Pat Ford.

APR
24
[Register](#)

VA Brownfields Symposium

This year's annual Virginia Brownfields conference comes in a one-day size.

STAUNTON, VA.
ALTITUDE 1,395 FT



Wrapping Up



MID - ATLANTIC
TAB
TECHNICAL ASSISTANCE TO
BROWNFIELDS COMMUNITIES

Mid-Atlantic TAB is here to help with any questions you may have throughout your brownfield journey- And our services are FREE!

We have teams across Region 3 who offer their own services and specialties.

We're ready to assist you with your brownfield projects!

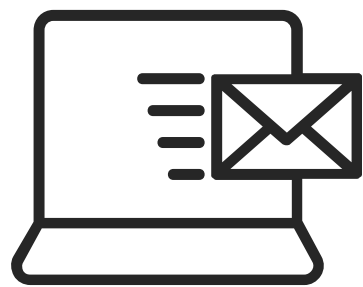


Thank You!



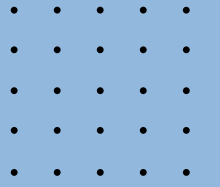
TAB Hotline: **(304) 293-7071**

Direct Email: **wvutab@mail.wvu.edu**



Sign up for an **individual consultation**

Subscribe to the **TAB Newsletter**



Other Resources

This project has been funded wholly or in part by the United States Environmental Protection Agency under assistance agreement 41-95332501 to WVU Research Corporation. The contents of this document do not necessarily reflect the views and policies of the Environmental Protection Agency, nor does the EPA endorse trade names or recommend the use of commercial products mentioned in this document.

