

WHY ARE YOU INTERESTED IN PARTICIPATING IN THIS ENVIRONMENTAL JUSTICE WORKSHOP?

- Care for community
- To bring awareness to the injustices in Gray's Ferry
- For younger/future generations
- To be informed/educated
- Tired of being ignored
- Improve community health

WHAT WOULD MAKE YOUR COMMUNITY MORE ENVIRONMENTALLY HEALTHY?

- MORE:**
- Trees
 - Green space
 - City cleaning/maint.
 - Fines for dumping
 - Community clean ups
 - Regulations for contractors
 - Regulations for factories
 - Public Transit

- LESS:**
- Vehicle
 - Trash
 - exposure to PFAS
 - change to land use/zoning
 - Trash cans
 - community orgs/business being proactive.

How could you or the city use the map?

- what additional resources will be needed?
- USE**
- SHOW SANITATION PLANS
 - ACCESS RESOURCES
 - FREE
 - TAP INTO EXISTING RESOURCES, LIKE SCHOOLS + CHURCHES
 - SOCIAL SPACE ACCESS
 - LET THE COMMUNITY MEMBERS KNOW
- RESOURCES**
- GET CITY COUNCIL MORE INVOLVED
 - TRAVELING WORKSHOP FOR CITY COUNCIL
 - HOSPITAL

HOW CAN THIS MAP SERVE YOU?

- WOULD NOT USE IT
- YES IF...
- INCLUDES RESIDENTS IN THE AREA TO GET FEEDBACK + DATA, MORE THAN JUST SOME INPUT
 - HEIRARCHY + SEE EACH AREA CLEARLY
 - SPECIFICITY WHERE DIFFERENT TYPES OF RESOURCES ARE
- TO DIGITAL DATABASE
- PICTURES
 - POLICY CHANGE
 - WORK ON PHONES BEST, NOT A WEB PAGE
 - MULTIPLE LANGUAGES
 - INTERACTIVE WHERE PEOPLE CAN ADD DATA / REPORT THROUGH MAP, LIKE CHANGE OVER TIME, OR AT LEAST VERY REGULAR UPDATES
 - CHAT DATA, LIKE GOOGLE MAPS
 - OVERLAYS FOR PERMITS?
 - CAN IT INTERFACE W/ GOOGLE MAPS, SATELLITE VIEW, ZOOM IN
- RESOURCES
- PHILA.GOV
 - WORKSHOPS TO INTRODUCE MAPS
 - SCHOOL STUDENTS
 - ORGANIZATIONS

COMMUNITY-BASED ENVIRONMENTAL JUSTICE MAPPING WORKSHOPS

AN ENGAGEMENT SUMMARY REPORT

How would you or the city use what additional resources do you need?

- ALLOCATION OF RESOURCES
- TRY TO REACH COMMUNITIES THAT NEED TO BE SERVED (EQUITABLE)
 - ENFORCE EQUITABLE ALLOCATION
 - TO GET W/ SCHOOL DISTRICT
 - FREE DATA?
 - TO FEEL ALARMA BELL
- MULTIPLE LANGUAGES
- SPECIFIC MAPS SET UP FOR DEVELOPERS
 - ZONING REQUIREMENTS ENTER STEP FOR E.
 - ANNUAL REPORT OF CHANGE
 - CREATE NOTICE DOCUMENTS
 - LET PEOPLE KNOW ABOUT COMMUNITY EVENTS
 - LOCAL LEADER FUNCTION
 - CITY TO LISTEN TO WANTS + NEEDS
 - ACCOUNTABILITY

- Grant apps
- frequently update
 - transparency
 - response time
- TO GET FUNDING FOR GREEN COMMUNITY INITIATIVES
- SHARE ENVIRONMENTAL INFORMATION ACROSS THE CITY W/O CENSORSHIP
 - LEGISLATION THAT IMPROVES ACCOUNTABILITY AND ENVIRONMENTAL CONSIDERATIONS
 - GET PEOPLE TO JOIN RCO'S. INCREASE COMMUNITY ENGAGEMENT
 - EDUCATION (COUNTY SPECIFIC)
 - SCHOOL/EDUCATION / CHILDREN
- What additional resources do you need?
- resources for children w/ learning disabilities + connecting to providers
 - note where new green spaces are built
 - information on services like WIC
 - RCOs + meeting locations
 - coordinate events + meetings to not overlap
 - ambassadors, resourced for education
 - help chat function in real time
 - search bar + FAQ doc
 - outreach at corner store, doc office

How would you or the city use what additional resources do you need?

- TO GET FUNDING FOR GREEN COMMUNITY INITIATIVES
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 - EDUCATION (COUNTY SPECIFIC)
 - SCHOOL/EDUCATION / CHILDREN

- INVESTORS ASKING PEOPLE TO SELL
- MAP MAKES REPORT OF DATA
 - LET PEOPLE KNOW ABOUT COMMUNITY EVENTS
 - LOCAL LEADER FUNCTION
 - CITY TO LISTEN TO WANTS + NEEDS
 - ACCOUNTABILITY
- ADVERTISING
- LET PEOPLE KNOW ABOUT COMMUNITY EVENTS
 - LOCAL LEADER FUNCTION
 - CITY TO LISTEN TO WANTS + NEEDS
 - ACCOUNTABILITY

- RESOURCES TO "GET THE WORD OUT"
- COMMUNITY MEETINGS
 - LETTERS TO LOCAL LEADERS
 - TEST NUMBERS FOR UPDATES
 - ACCESSIBILITY
 - TRAINING
 - SEARCH BAR + FAQ DOC
 - AMBASSADORS, RESOURCED FOR EDUCATION
 - HELP CHAT FUNCTION IN REAL TIME
 - SEARCH BAR + FAQ DOC
 - OUTREACH AT CORNER STORE, DOC OFFICE

- TO GET FUNDING FOR GREEN COMMUNITY INITIATIVES
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Join an
**ENVIRONMENTAL
JUSTICE MAPPING
WORKSHOP**

BUILD PHILADELPHIA'S FIRST
COMMUNITY CO-CREATED
ENVIRONMENTAL JUSTICE MAP

**IF YOU LIVE IN ONE OF THESE
NEIGHBORHOODS, APPLY TODAY!**

- COBBS CREEK
- EASTWICK
- ELMWOOD
- FRANKFORD
- GERMANTOWN
- GRAYS FERRY
- HADDINGTON
- HUNTING PARK
- KENSINGTON
- KINGSESSING
- MANTUA
- NICETOWN
- POINT BREEZE
- PORT RICHMOND
- STRAWBERRY MANSION
- TIOGA

THIS 2-HOUR
WORKSHOP WILL
BE NEAR YOU SOON

**APPLY
HERE**

[HTTPS://TINYURL.COM/
EJMAPWORKSHOP](https://tinyurl.com/ejmapworkshop)

**GET A
\$50
GIFT CARD**



**Office of
Sustainability**
CITY OF PHILADELPHIA



The Academy of
Natural Sciences
of DREXEL UNIVERSITY

Helinge
collective



Project Background

WHAT is Environmental Justice?

Environmental justice is the equitable distribution of environmental benefits and burdens; righting of past harmful environmental policies and practices; and meaningful involvement of residents in decision-making, particularly for those most impacted.

WHAT is the project?

The Office of Sustainability is developing a publicly accessible **environmental justice (EJ) mapping tool**. The tool will identify Philadelphia neighborhoods disproportionately impacted by environmental hazards and lacking equitable access to key services and amenities necessary for community resilience. The final product will include dynamic and interactive visualizations, regularly updated data, and offer the ability to download data in multiple formats.

WHY are we doing it?

Existing EJ tools are not working for Philadelphia residents, EJ-focused organizations or City Departments.

We are addressing critical gaps:

- Local context
- Usability and education
- Customizability
- Resources and solutions
- Training

HOW is community involved?

This project held a series of **six public workshops covering 17 different zip codes** in partnership with community organizations

The input from these workshops will help to address the shortcomings that other EJ mapping tools face due to a lack of community and stakeholder input, local context, and ability to address the needs of residents, community organizations and City agencies.

WHO will use the tool?

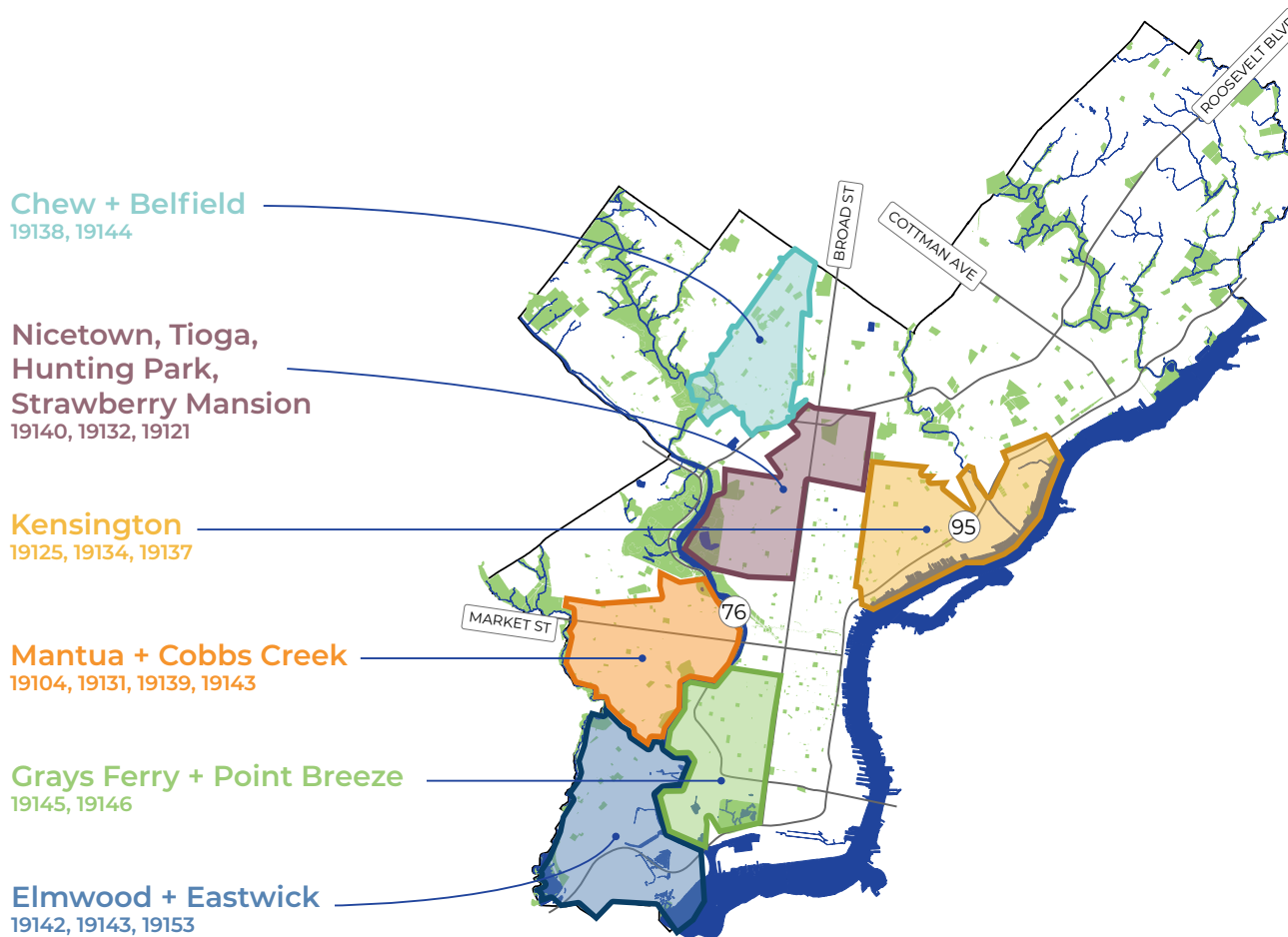
- City departments and agencies to inform policy, planning and resource allocation.
- Residents and Community Organizations to educate, organize, and advocate for change.
- Researchers and Educators to explore environmental and social data in meaningful ways.

Project Background

NEIGHBORHOOD SELECTION

WHAT is Environmental Justice?

Environmental justice is the equitable distribution of environmental benefits and burdens; righting of past harmful environmental policies and practices; and meaningful involvement of residents in decision-making, particularly for those most impacted.



Neighborhood Highlights

Themes consistent across all neighborhoods :

- Presence of **trash** was the most referenced environmental burden citing lack of enforcement from the City
- EJ communities have been historically let down and have **little trust** in City program that lack accountability and transparency
- Community **gardens** and pocket parks were the most referenced environmental assets
- Giving **resources** to the community leaders already doing the work will have the most impact.
- **Connecting** people to EJ **resources** was cited as an essential function of the mapping tool.
- Creating a **report** that citizens can share, use in grant applications, and hold policy makers accountable was deemed highly important
- **Cleaning** alone will not make lasting change. Behavior surrounding trash needs to change.
- Having **citizen reported data and feedback** was repeatedly cited as necessary in order for community members to use this tool. Suggestions include allowing community members to upload images to track changes, ensure accurate local data, and enhance accountability.



Chew + Belfield

Key topics of discussion:

- Water
- Policy and Education
- Frustration with the City
- Lack of funding for green initiatives
- Lack of enforcement and accountability from the City

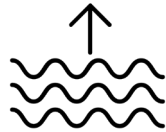
Biggest Burdens



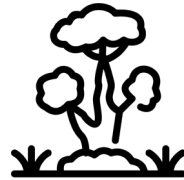
water pollution



lack of City accountability



flooding



lack of tree maintenance

Biggest Assets



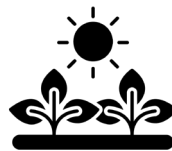
community



grassroots



green space



urban agriculture



Community Partner:

Chew & Belfield Neighbors Club

Zip codes:

19138, 19144

Workshop Information:

Date: August 26, 2024

Location: Mount Pleasant Rec Center

Number of Participants:

20

Grays Ferry + Point Breeze

Key topics of discussion:

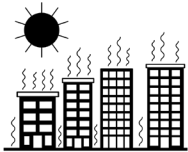
- Air quality as a health concern
- Development pressure / loss of green space
- Affordable housing not being affordable / gentrification
- Industry pollution



Biggest Burdens



dumping



urban heat island



air pollution



taking away green space

Biggest Assets



community



community vacant lots



public transport



river proximity

Community Partner:

Residents Organized for Advocacy and Direction (ROAD)

Zip codes:

19145, 19146

Workshop Information:

Date: September 12, 2024

Location: Finnegan Rec Center

Number of Participants:

9

Kensington

Key topics of discussion:

- Community helping each other
- Frustration from putting in work with no change
- Feel let down by the City enforcement and accountability
- Poor behavior from landlords and those experiencing addiction and homelessness
- Importance of citizen reported data
- Feeling unsafe, limiting access to public space/services

Biggest Burdens



lack of
consistent
investment



normalizing
waste



health
concerns with
human waste



dumping

Biggest Assets



community
support



pop up parks



working
together



Klean
Kensington



Community Partner:

Kensington Corridor Trust (KCT)

Zip codes:

19125, 19134, 19137

Workshop Information:

Date: September 13, 2024

Location: Kensington Corridor Trust (KCT)

Number of Participants:

29

Mantua + Cobbs Creek

Key topics of discussion:

- Isolation from the rest of the city
- Lack of access to local jobs
- Toxic materials in the building soil



Biggest Burdens



waste in vacant lots



soil + air pollution



dumping



lack of safety in green spaces

Biggest Assets



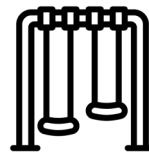
trees



gardens



park access



playgrounds

Community Partner:

Mantua United

Zip codes:

19104, 19131, 19139, 19143

Workshop Information:

Date: September 19, 2024

Location: Miles Mack Playground

Number of Participants:

12

Nicetown, Tioga, Hunting Park, Strawberry Mansion

Key topics of discussion:

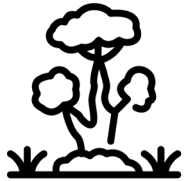
- The importance of community leaders
- Health Hazards/ toxic materials
- Wanting more responsible development
- Lack of enforcement and accountability from the City
- Impacts of unmanaged trash and pests
- Abandoned cars



Biggest Burdens



lack of City support



lack of park maintenance



dumping



pollution

Community Partner:

Nicetown Tioga Improvement Team (NTIT)

Zip codes:

19140, 19132, 19121

Biggest Assets



community



gardens



parks



location access

Workshop Information:

Date: September 21, 2024

Location: Zion Baptist Church

Number of Participants:

14

Elmwood + Eastwick

Key topics of discussion:

- Feeling let down and neglected by the City
- “red tape” making it harder for people doing good work for the community
- Importance of citizen reported data
- Lack of trust in the City and its systems



Biggest Burdens



waste in
vacant lots and
buildings



flooding



dumping



industry +
trucking
pollution

Biggest Assets



strong
community



community clean
ups



parks



easy
transportation

Community Partner:

Southwest CDC

Zip codes:

19142, 19143, 19153

Workshop Information:

Date: September 21, 2024

Location: Southwest CDC

Number of Participants:

12

Methodology

How was the data collected?

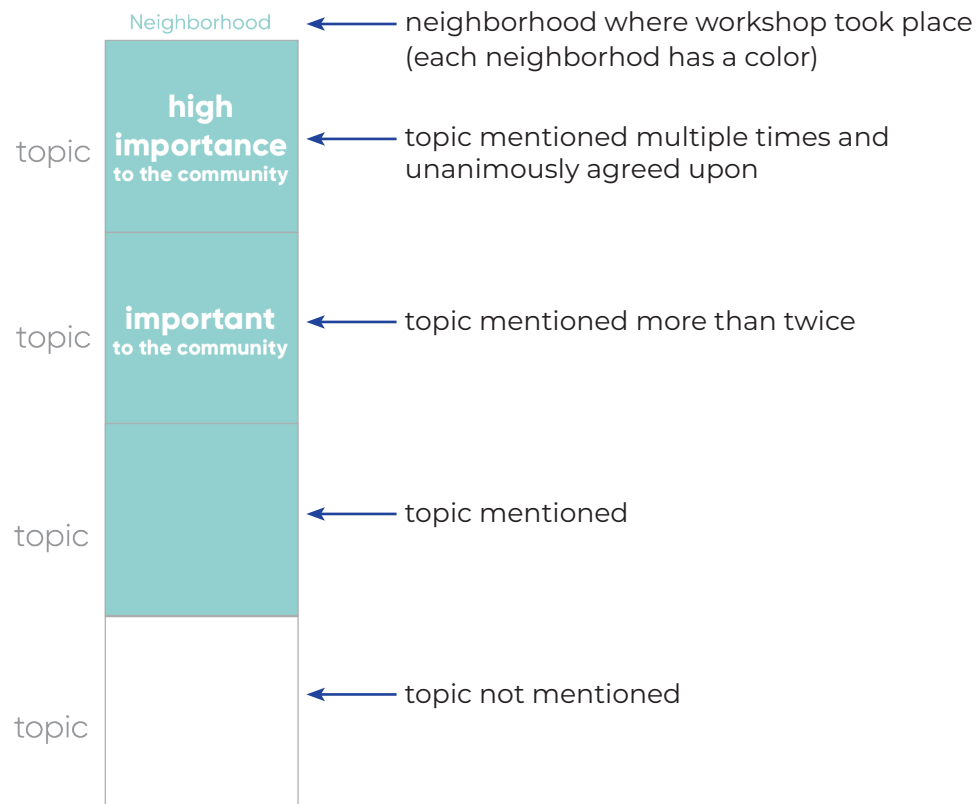
At each community workshop facilitators asked participants to respond to three prompts:

- What are the most significant environmental burdens and assets in your neighborhood?
- What types of data should be included in an environmental justice map?
- What functions of an environmental map tool are desirable?

Facilitators took public notes on large pads and confirmed them with the participants.

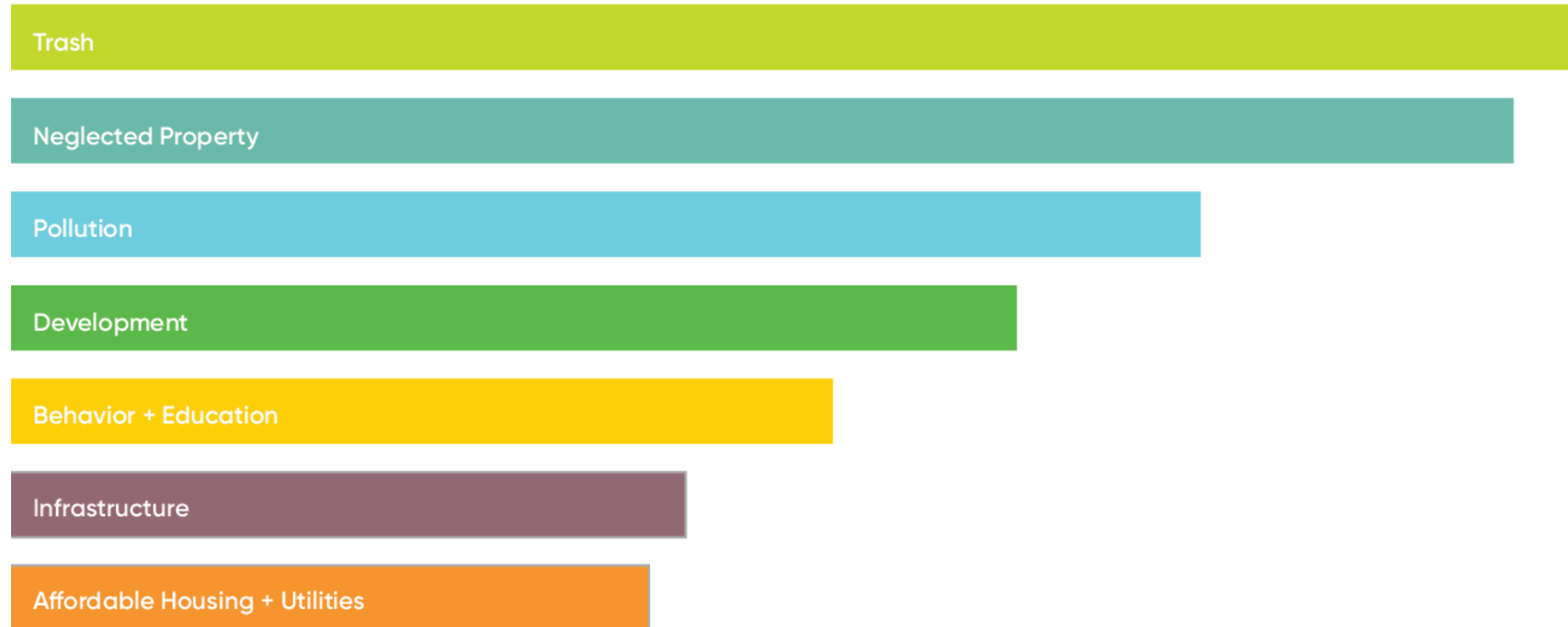
How was the data recorded and analyzed

At each workshop different topics were mentioned. When a topic was emphasized repeatedly it was noted as having more significance. This is expressed using the graphic below.



Environmental Justice (EJ) Burdens

Trash, and neglected/ abandoned properties were the themes identified across all the community workshops as the **highest priority** EJ burdens.



EJ Burdens

TRASH

100% of community workshops identified **dumping & litter** as an EJ burden of high importance

"Vacant lots and small blighted blocks are a magnet for illegal shortdumping. There is no effective enforcement mechanism to eliminate this problem and no investment in community development of these areas."

- resident of 19121

"My block has a strong smelly odor due to trash dumping"

- resident of 19142

"Nearly all of our curb drains are clogged with a variety of garbage, leading to both increased flooding as well as filling our water source with additional physical and chemical contamination. There is both a systemic reason but I also see my neighbors throwing garbage down the drain"

- resident of 19134

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
dumping	high importance to the community	high importance to the community	high importance to the community	high importance to the community	high importance to the community	high importance to the community
litter	high importance to the community	high importance to the community	high importance to the community	high importance to the community	high importance to the community	high importance to the community
alleyway trash						
feces + pests			high importance to the community		important to the community	important to the community
clogged storm drains	high importance to the community					
lack of enforcement of trash rules	important to the community		high importance to the community		high importance to the community	
lack of city cleaning					important to the community	high importance to the community

EJ Burdens

NEGLECTED + ABANDONED PROPERTY

Five out of six communities viewed vacant lots as both an environmental justice burden and a significant asset.

"Vacant lots and streets and sidewalks. The main cause is a lack of organized street and sidewalk cleaning provided by the City."

- resident of 19146

"The abandoned homes, empty lots, alleyways, sidewalks with trash and debris [are the most polluted parts of my neighborhood]"

- resident of 19143

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
vacant lots		high importance to the community	high importance to the community	high importance to the community	important to the community	high importance to the community
street tree maintenance	high importance to the community			high importance to the community	high importance to the community	
structurally unsound buildings			high importance to the community			high importance to the community
abandoned cars					important to the community	
neglected corner stores						
absentee landlords			important to the community			

EJ Burdens

POLLUTION

100% of community workshops identified **air & water pollution** as an EJ burden

"I see pollution everywhere I look in my neighborhood, making it hard to pinpoint one specific culprit."
 - resident of 19142

"Air pollution tied to light industrial and commercial activities, construction industry, heavy traffic, and lack of natural buffers between residential and non-residential areas."
 - resident of 19132

"Most neighborhoods are not aware or notified if any chemicals are being released in their communities. And do not understand [the relationship] when family members start having unknown medical issues."
 - resident of 19140

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown-tioga hunting park strawberry mansion	elmwood eastwick
water pollution	high importance to the community	high importance to the community				
air pollution		high importance to the community			important to the community	
pollution from nuisance businesses*		high importance to the community	high importance to the community		high importance to the community	high importance to the community
transportation related pollution			high importance to the community			high importance to the community
contaminated buildings			important to the community		high importance to the community	
toxic materials found in neighborhoods	important to the community		high importance to the community	high importance to the community	high importance to the community	

*nuisance businesses include car yards, dump sites and industry

EJ Burdens

DEVELOPMENT

100% of community workshops identified **unchecked development** as an EJ burden.

"Knowing when new projects are being started, and how it will affect the neighborhood [would make my community more environmentally healthy.]"
 - resident of 19140

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
unchecked development*	important to the community	important to the community			important to the community	
construction noise + debris	important to the community	important to the community				
removal of green space		high importance to the community				
lack of communication about new development					important to the community	important to the community

*Unchecked development includes over development, and unforeseen consequences of adjacent development, such as snow drifts and leaks.

EJ Burdens

BEHAVIOR + EDUCATION

Community members express concern that abandoned lots and buildings can become havens for squatters, leading to issues with trash management.

"More participation from neighbors. Continued efforts to report issues that need immediate attention."

- resident of 19140

"We as the people in our community have to work together as a whole and stop littering"

- resident of 19140

"...residents participating in cleanups... various components of environmental education"

- resident of 19140

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
poor trash management of neighbors/tenants			important to the community		important to the community	
poor trash management of businesses						
lack of environmental education					important to the community	

EJ Burdens

INFRASTRUCTURE

"The ability for citizens to safely walk and cycle through their neighborhoods [would make our community more environmentally healthy]."

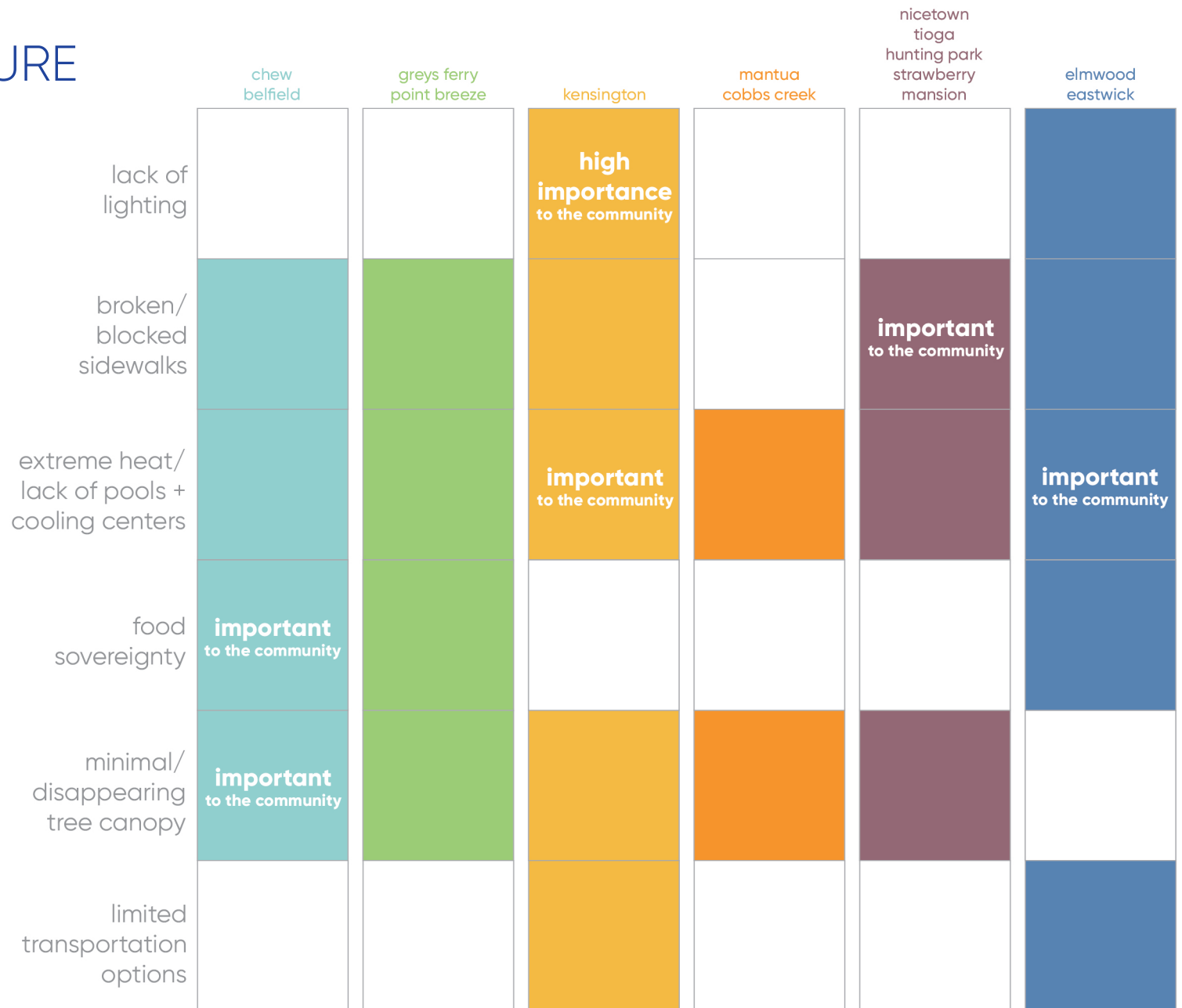
- resident of 19134

"Blocks [are] lacking tree cover"

- resident of 19146

"[We need] more public transit and redirection of heavy duty vehicles"

- resident of 19146



EJ Burdens

AFORDABLE HOUSING & UTILITIES

"Revitalize the community with green spaces, a community center, ... and new housing for a diverse population [would make my community more environmentally healthy]"

- resident of 19140

"Massive investment in upgrades for housing [to make my community more environmentally healthy]"

- resident of 19143

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
lack of access to sustainable + affordable homes						
lack of access to sustainable + affordable utilities	important to the community					
high utility costs	important to the community					

Environmental Justice (EJ) Assets

Community and Connection to Nature were identified by the community workshops as highly important EJ assets. These assets are essential for the wellbeing of each neighborhood and should be protected and well resourced

Community

Connect to nature

Access to resources

Education



Grid Philly, Rachael Warriner



Harrowgate Park, Michelle Lee Delgado

EJ Assets

COMMUNITY

"Becoming deeply immersed in community enrichment is important. I want to do everything I can do to help us live our best lives."

- resident of 19142

"[I am] always interested in the quality of life in my neighborhood... whether it's happening directly on my block or around the corner, I'm concered about my community."

- resident of 19140

"I would embrace the opportunity to participate and become a change agent for the community where I reside."

- resident of 19140

"I have a responsibility to my community and the next generation....my family is educated in the field of ES. [Enviromental Sciences]"

- resident of 19146

"If we could get the community to get together and lend a hand in keeping the neighborhood clean along with the City."

- resident of 19146

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
support from neighbors	high importance to the community		high importance to the community		high importance to the community	
community leaders + block captians	high importance to the community		high importance to the community		high importance to the community	important to the community
women fighting for their community	high importance to the community		high importance to the community		high importance to the community	

EJ Assets

CONNECTION TO NATURE

While existing space and access to nature are considered assets, all conversations emphasized that these spaces need more sustained investment and improvement. In addition to what is there, more and better access to nature and green space is needed.

"Trees and plants wherever possible [would make my community more environmentally healthy.]"
- resident of 19140

"More trees! More community gardens [would make my community more environmentally healthy.]"
- resident of 19146

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
public parks	high importance to the community	important to the community	high importance to the community	high importance to the community	high importance to the community	high importance to the community
community stewarded vacant land		high importance to the community	high importance to the community	high importance to the community	high importance to the community	
trees	high importance to the community	important to the community			important to the community	important to the community
urban garden + culture's positive impact on community + activism	high importance to the community		important to the community			
river proximity		important to the community				

EJ Assets

ACCESS TO RESOURCES

"More resources in the community"

- resident of 19140

"I would like to see our community have access to healthy food and safe housing"

- resident of 19140

"The ultimate restriction of car junk yards, scrap metal yards, live poultry stores and illegal activities. Then, revitalize the community with green spaces, a community center, vibrant stores, new housing for a diverse population."

- resident of 19140

"A better sanitation system, hospitals, produce markets & stores, more green space."

- resident of 19142

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
community resource centers	important to the community	important to the community	important to the community			
youth play spaces	important to the community					
easy public transportation		high importance to the community			high importance to the community	high importance to the community
access to sustainable + affordable housing			high importance to the community			
food fridges + give-aways	important to the community		important to the community	important to the community		

EJ Assets

EVENTS + EDUCATION

Community members wish to continue the existing environmental education and events, while emphasising **youth** and **intergenerational** EJ education programs.

"Educate children and families to improve daily habits that can reduce threats to the environment."

- resident of 19140

"I like getting homeowners to sign up for trees...Since [founding a CDC] we have sought to improve our community with housing, beautification, better quality of life, air"

-resident 19121

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
environmental education						
recycling + reuse						
community cleanups			high importance to the community	important to the community		high importance to the community
community resource events			important to the community			

Desired Data Sets

Land use, Safety + Accountability, and Health were identified by the community workshops as highly important data sets. This data would inform the map to show layers over neighborhoods.

Land Use

Safety + Accountability

Health

Assets + Resources

Waste



OOS EJ Workshop, Kensington



6th and Berks, PHS Landcare

Data Sets

LAND USE

To be most useful, these data sets need to have a rating system to track condition and progress over time.

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
vacant build- ings and lots					high importance to the community	
schoolyard + playground				high importance to the community		
community gardens + green spaces				high importance to the community		
zoning + building permits					high importance to the community	
land ownership						
watersheds + rain gardens						

"Complete transformation of land use and zoning, increased tree canopy and vegetation..."

"The City has left houses abandoned and has not invested in the area."

- resident of 19140

* note this first meeting at chew and belfield did not specifically frame these questions, which were asked in subsequent meetings

Data Sets

SAFETY + ACCOUNTABILITY

"I feel that it is important to do what we can to fix the environment and that starts with identifying the problems."

- resident of 19134

"I want the City to better address environmental inequities and invest in correcting the injustice that is baked into our city streets."

- resident of 19143

"Alley ways and empty lots. Property owners aren't all held accountable to clean fronts of the properties."

- resident of 19140

311 responses*

police reports + response rate

L&I violations

SWEEP data (where, location of tickets)

pedestrian safety data

chew
belfield

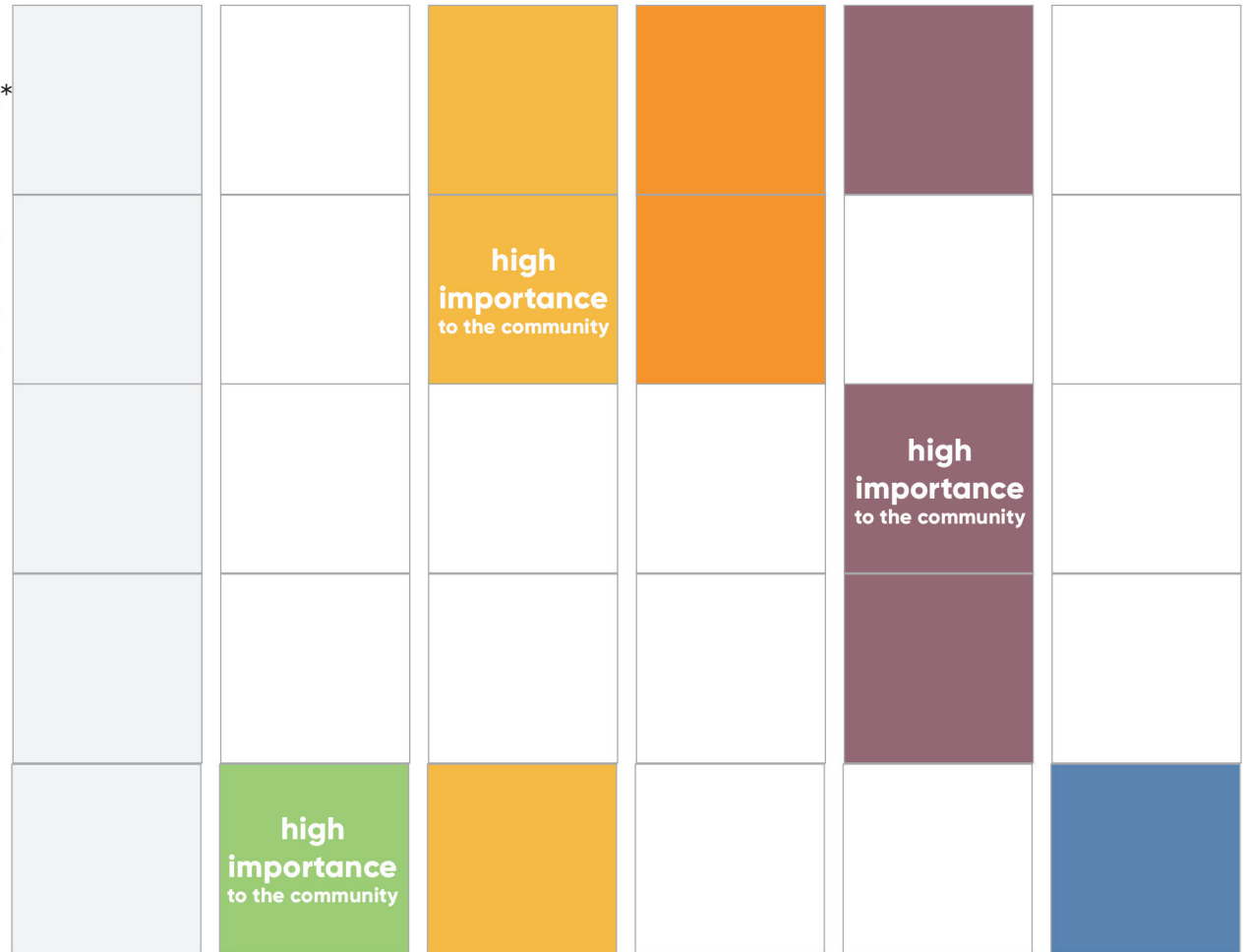
greys ferry
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cobbs creek

nicetown
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hunting park
strawberry
mansion

elmwood
eastwick



*Calls concerning short dumping, abandoned vehicle reports, broken sidewalks, pests, CLIP response rate.

Data Sets

HEALTH

In addition to point and mobile sources, participants noted the need for more air + temperature monitors to better understand micro climates across neighborhoods

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
anonymized* health data			high importance to the community		high importance to the community	
air quality					high importance to the community	
noise pollution						
temperature/ heat			high importance to the community			high importance to the community

"Make & enforce stricter rules for these contractors. There needs to be a set of regulations for factories in residential neighborhoods like the meat factory on 27th & Grays Ferry. HORRIBLE, POLLUTED AIR makes people sick from the smell.."

- resident of 19146

*Includes asthma, COPD, common health issues, mold and lead poisoning

Data Sets

ASSETS + RESOURCES

"[I am] looking for additional resources and interested in learning how .. [to] assist our neighborhood organizations in making it a beautiful place to live and to help the disadvantaged and under-served.

- resident of 19140

*community centers and third spaces include churches, playgrounds, local organization hubs and more

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
local officials contact information						high importance to the community
block captains						
pools + spray-grounds						high importance to the community
health center locations (with or without insurance)			important to the community			
display clean + green guide resources on the map					high importance to the community	
community* centers and third spaces			high importance to the community		high importance to the community	high importance to the community
resource hubs					high importance to the community	

Data Sets

WASTE

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
<p>"Less littering first."</p> <p>- resident of 19153</p>		high importance to the community			high importance to the community	important to the community
<p>"Less trash, more beautification."</p> <p>- resident of 19140</p>						
<p>"Regularly scheduled street sweeping, [and] towing abandoned cars... [would] make my community more environmentally healthy"</p> <p>- resident of 19125</p>		high importance to the community	high importance to the community			high importance to the community
<p>"People cleaning up after themselves."</p> <p>- resident of 19146</p>						

*In the communities where weighing trash trucks was suggested, the idea was met with overwhelming support

Tool Functionality + Implementation

Use Cases are ways that this map could be used to ease EJ burdens. Use cases include increased access to resident resources and providing the basis for analysis that would support policy change.

Map Functionality is what attributes the map needs in order to become a helpful tool. Functionality includes ability to export data and upload citizen reporting.

User Experience is how the tool is built for the ease and accessibility of its users. User experience includes dynamic text and zooming options for easy readability.

Implementation is how the tool will be put into action. Implementation includes distribution efforts, and training users on how to use the map both functionally and analytically.



Tool Functionality + Implementation

USE CASES

		chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
<p><i>"The City needs to fund & create an agency that addresses the litter epidemic. The City should also subsidize community corridor improvements that focus on anti-litter management."</i></p> <p>- resident of 19139</p>	policy change informed by EJ map data	high importance to the community		high importance to the community			high importance to the community
	equitable funding and resources distribution			high importance to the community		high importance to the community	high importance to the community
<p><i>"Putting stricter penalties on the business owners and neighbors who do not keep their properties cleaned and landscaped in timely manner."</i></p> <p>- resident of 19143</p>	zoning regulation					high importance to the community	
	advocacy: to hold the city accountable to the wants and needs of residents	high importance to the community	high importance to the community	high importance to the community	high importance to the community	high importance to the community	high importance to the community
<p><i>"Cleanup and fines for the industries that dump."</i></p> <p>- resident of 19143</p>	inform legislation	high importance to the community					high importance to the community
	basis of requests for city council						
<p><i>"Environmental justice in Philadelphia is the way we move forward with climate as one people and one city. For too long, long-term residents have been historically disadvantaged and taken advantage of."</i></p> <p>- resident of 19146</p>							
	industry impact on health, harms of by-right development, etc. analysis			high importance to the community			

Tool Functionality + Implementation

USE CASES

"Resources and funding for community driven and involvement [from] organizations/individuals to build and beautify from within"
 -resident of 19144

"Because we need help with the environment and for our city to help out."
 - resident of 19146

" [We need] capital investments that do not displace our communities."
 - resident of 19104

*legal resources, mental health resources, technology hubs

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
prioritize equitable investment in neighborhoods	high importance to the community	high importance to the community	high importance to the community	high importance to the community	high importance to the community	high importance to the community
grant applications			high importance to the community			
empower grassroots organizations	high importance to the community		high importance to the community			
fund more green space			high importance to the community	high importance to the community		
know where different resources are needed						
connect* residents to resources						
environmental education						

Tool Functionality + Implementation

MAP FUNCTIONALITY

Many community members said if the map does not include **local community reported data**, they will not use it.

*photos, comments, data verification

**grants, permits, clean-up events, etc.

A **calendar** function of local EJ events was frequently requested.

***Exporting a report would allow measurable accountability.

"I have been asking about something like this over 23 years ago. It's BEEN TIME that we have this group of concerned citizens who lived in their areas at least 15 years to help these elected officials REALLY KNOW what is going in in REAL TIME in the neighborhoods."

- resident of 19146

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
track changes over time				high importance to the community	high importance to the community	
user added data*			high importance to the community			high importance to the community
notifications**	high importance to the community		high importance to the community	high importance to the community	high importance to the community	high importance to the community
export report/summary		high importance to the community	high importance to the community		high importance to the community	high importance to the community
pop up of information that explains context						
visualization of data			high importance to the community	high importance to the community	high importance to the community	

* note this first meeting at chew and belfield did not specifically frame these questions, which were asked in subsequent meetings

Tool Functionality + Implementation

USER EXPERIENCE

*legibility: adjust text size, zoom in+out, shapes and symbols

text to speak, color blind friendly, screen reader compatible

Multiple language translations would be required

"Como recuperar la comunidad de toxico. Entablar nuevas metas de mejoras.."

"How to recover the toxic community. Set new improvement goals..."

- resident of 19134

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
functions on phone/ computer						
accessibility*		high importance to the community	high importance to the community	high importance to the community	high importance to the community	
simplicity			high importance to the community		high importance to the community	
tabs for different factors				high importance to the community		
base map selection (satelite option)			high importance to the community			high importance to the community
save search feature		high importance to the community				
clickable definitions				high importance to the community		

Tool Functionality + Implementation

chew
belfield

greys ferry
point breeze

kensington

mantua
cobbs creek

nicetown
tioga
hunting park
strawberry
mansion

elmwood
eastwick

100% of communities said that a dedication to frequent updating is of high importance

*Ideas included community meetings, social media, bill stuffers, flyers with QR codes, text banking, outreach at corner stores, doctors offices, and playgrounds.

**Training + tech support should be provided for block captains, City Council members with special care to include the elderly and disabled, and sessions open to intergenerational groups.

"I would like to know how we can learn ways to lower the extreme percentage of environmental injustices in my neighborhood."

- resident of 19143

	chew belfield	greys ferry point breeze	kensington	mantua cobbs creek	nicetown tioga hunting park strawberry mansion	elmwood eastwick
dedication to updating	high importance to the community	high importance to the community	high importance to the community	high importance to the community	high importance to the community	high importance to the community
feedback loop			high importance to the community		high importance to the community	high importance to the community
distribution*			high importance to the community			
information campaign		high importance to the community				
training**	high importance to the community		high importance to the community		high importance to the community	high importance to the community
help chat function				high importance to the community		