

LIVABLE MECK
YOUR VOICE. YOUR VISION.

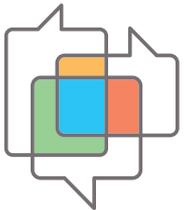
ENGAGEMENT CAFÉ

March 15, 2018



YOUR VOICE. YOUR VISION.

WELCOME & INTRODUCTIONS



LIVABLE
MECK

AGENDA

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LIVABLE MECK

COMMUNITY PLAN BASED ON 120 ORGANIZATIONS & 2000 VOICES

Guiding Principles	 WELCOMING	 INNOVATIVE	 CONNECTED	 INCLUSIVE	 PREPARED	 HEALTHY	 RESILIENT
Descriptors	Character. Entertainment. Opportunity. Safe Neighborhoods.	Jobs. Entrepreneurship. Commerce.	Engaged Residents. Transportation Choices.	Community. Participation.	A Skilled Workforce. Quality Education.	Physical Activity. Healthy Foods. Clean Environment.	Future Well-being. Collaboration.
Strategies	<ul style="list-style-type: none"> • Build safe neighborhoods • Increase access to community-based arts, science, and history education • Continue to be an inviting destination for residents, visitors and businesses • Celebrate and integrate history, culture and diversity 	<ul style="list-style-type: none"> • Make it easier for new businesses to succeed and existing businesses to flourish • Increase global economic competitiveness • Promote the redevelopment, reuse, and rehabilitation of declining and vacant properties • Leverage technology 	<ul style="list-style-type: none"> • Expand capacity and increase use of sidewalks, bikeways, greenways/ paved trails, bus routes, and rail • Build stronger connections across diverse population groups 	<ul style="list-style-type: none"> • Balance available housing options • Coordinate the work of organizations addressing the needs of at-risk residents • Expand the availability of affordable recreation and cultural services programs 	<ul style="list-style-type: none"> • Expand and enhance learning across all age groups • Enhance partnerships between workforce development initiatives and employers 	<ul style="list-style-type: none"> • Create a culture of health and wellness • Protect and restore the natural environment • Coordinate open space, greenways/ paved trails, and parks planning with neighborhood accessibility 	<ul style="list-style-type: none"> • Manage zoning and development to revitalize community character and the natural environment while allowing for growth and innovation • Manage resources wisely • Develop community and neighborhood leaders for the future

WATER QUALITY

RELEVANT GUIDING PRINCIPLES & STRATEGIES

Healthy

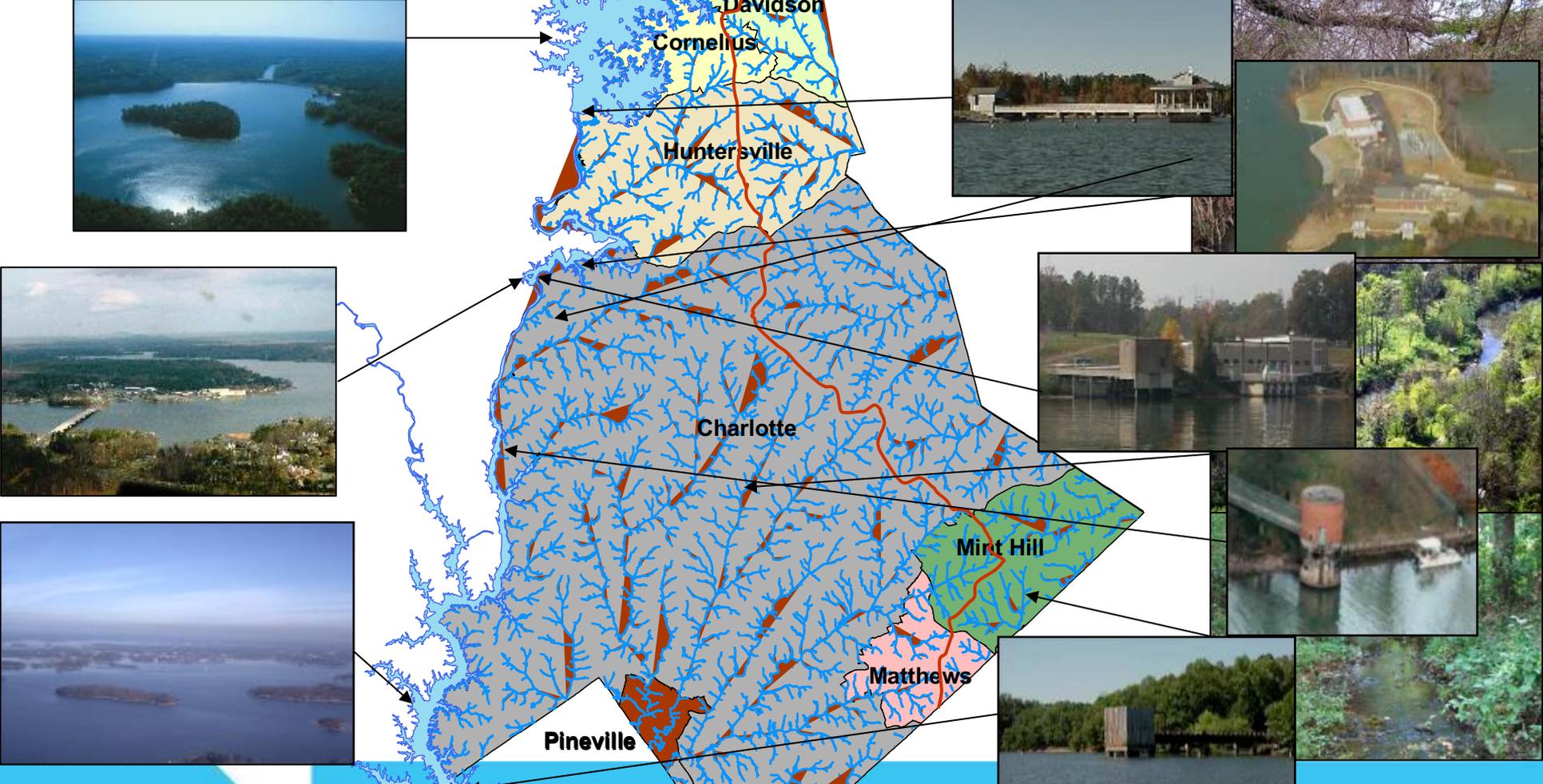
- Protect and restore the natural environment

Resilient

- Manage resources wisely

TODAY'S OBJECTIVES

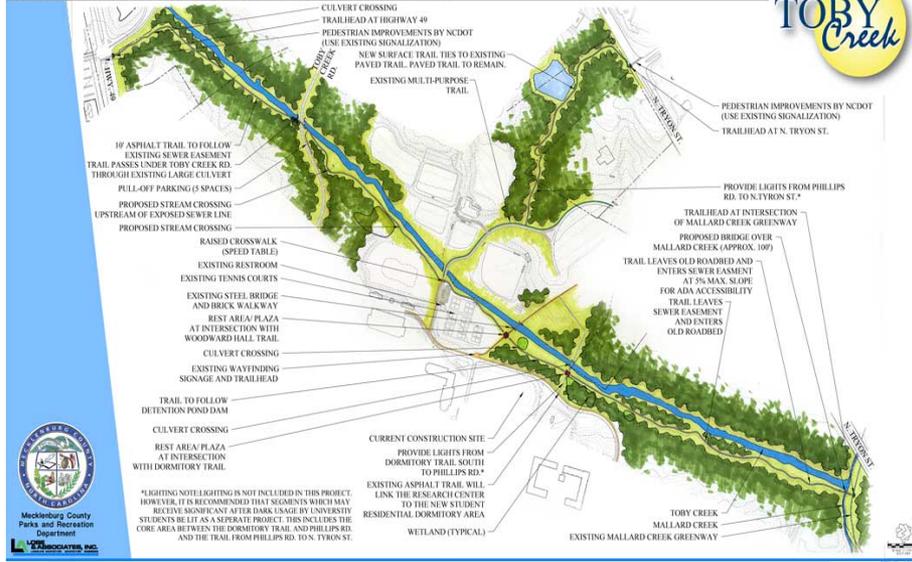
- Educate partners about water quality impacts and volunteer opportunities.
- Solicit opinions about how best to leverage volunteerism.



Our Most Precious Natural Resource

RECREATIONAL USES

TOBY CREEK GREENWAY MASTER PLAN



- ▶ Over 10 million people visit the Catawba River annually.
- ▶ Visitation is projected to increase 11% per decade through 2050.
- ▶ The Mecklenburg County greenway system is quickly becoming one of the finest in the nation.
- ▶ There are currently 37 miles of developed and 150 miles of undeveloped greenways in Mecklenburg County.

Toby Creek Greenway Master Plan

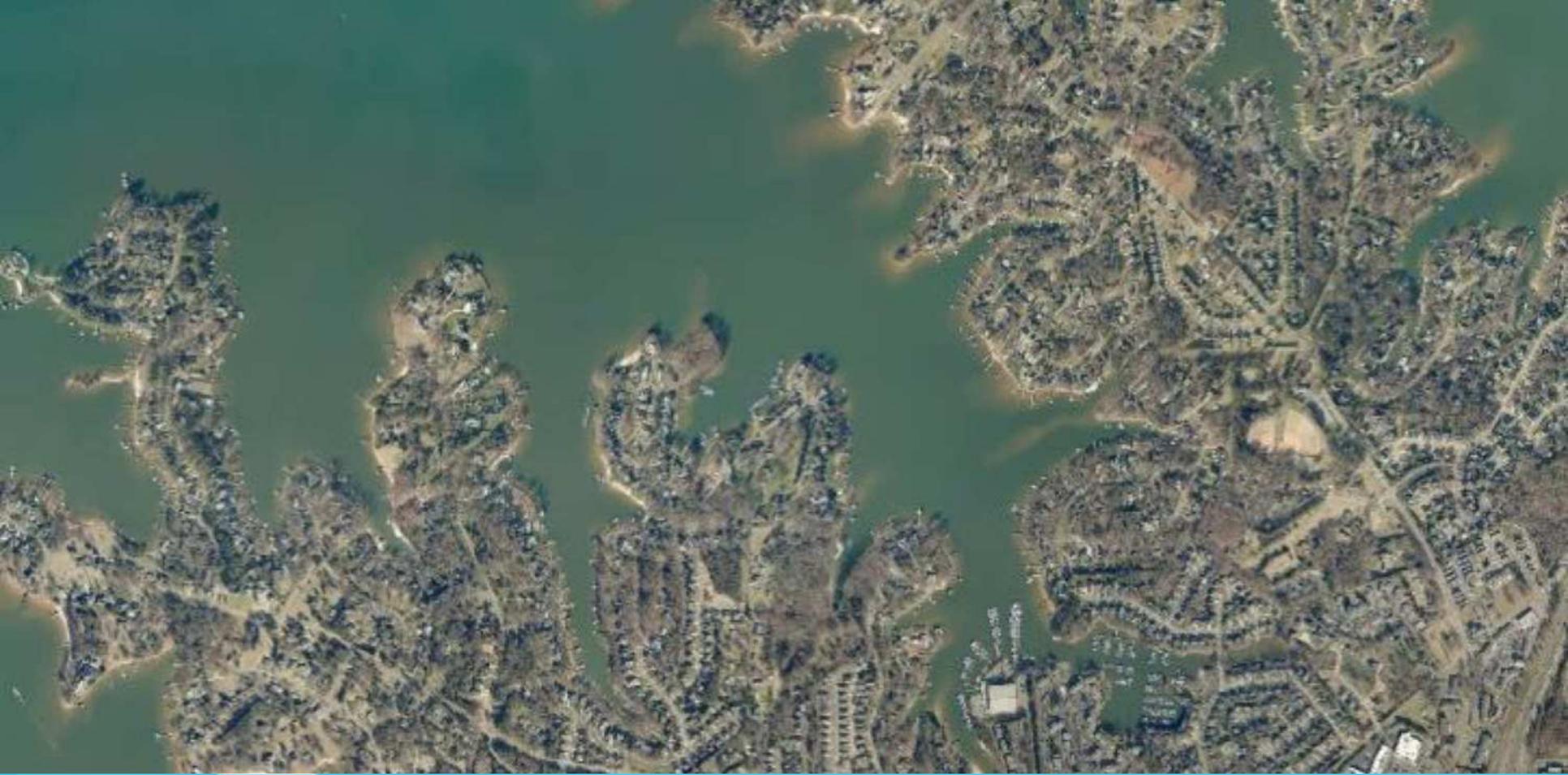


OTHER LAKE USES



Cowan's Total Plant (Duke Power)

- ▶ 50% of Duke Power's capacity for electric generation relies on the Catawba River
- ▶ Includes hydropower at dams and cooling water for nuclear and coal fired plants
- ▶ Latta Plantation Nature Preserve is located on 1,343 acres along Mountain Island Lake.
- ▶ 137 species of birds, mammals, reptiles, and amphibians
- ▶ 2 federally endangered species of plants.



IT'S WHERE EVERYONE WANTS TO BE....



Whitley Mill on Long Cr



in Little Sugar Creek – circa 2000

Maintaining good water quality conditions in our streams and lakes is essential for maintaining our livable community.



Ladies fishing in Little Sugar Creek – circa 1890



Swimming hole in Long Creek – circa 1910

POLLUTION SOURCES

1. Point Sources:

Pollutants that originate from a specific location such as a factory or a sewer pipe.

2. Non-Point

Pollutants that originate from a diffuse source such as storm water flow and runoff from a large area of land or a fixed location.



Find & Eliminate



- ▶ **1 inch rainfall on an acre of woods produces no runoff.**
- ▶ **The same one inch of rainfall on one acre of asphalt will produce over 27,000 gallons of runoff.**

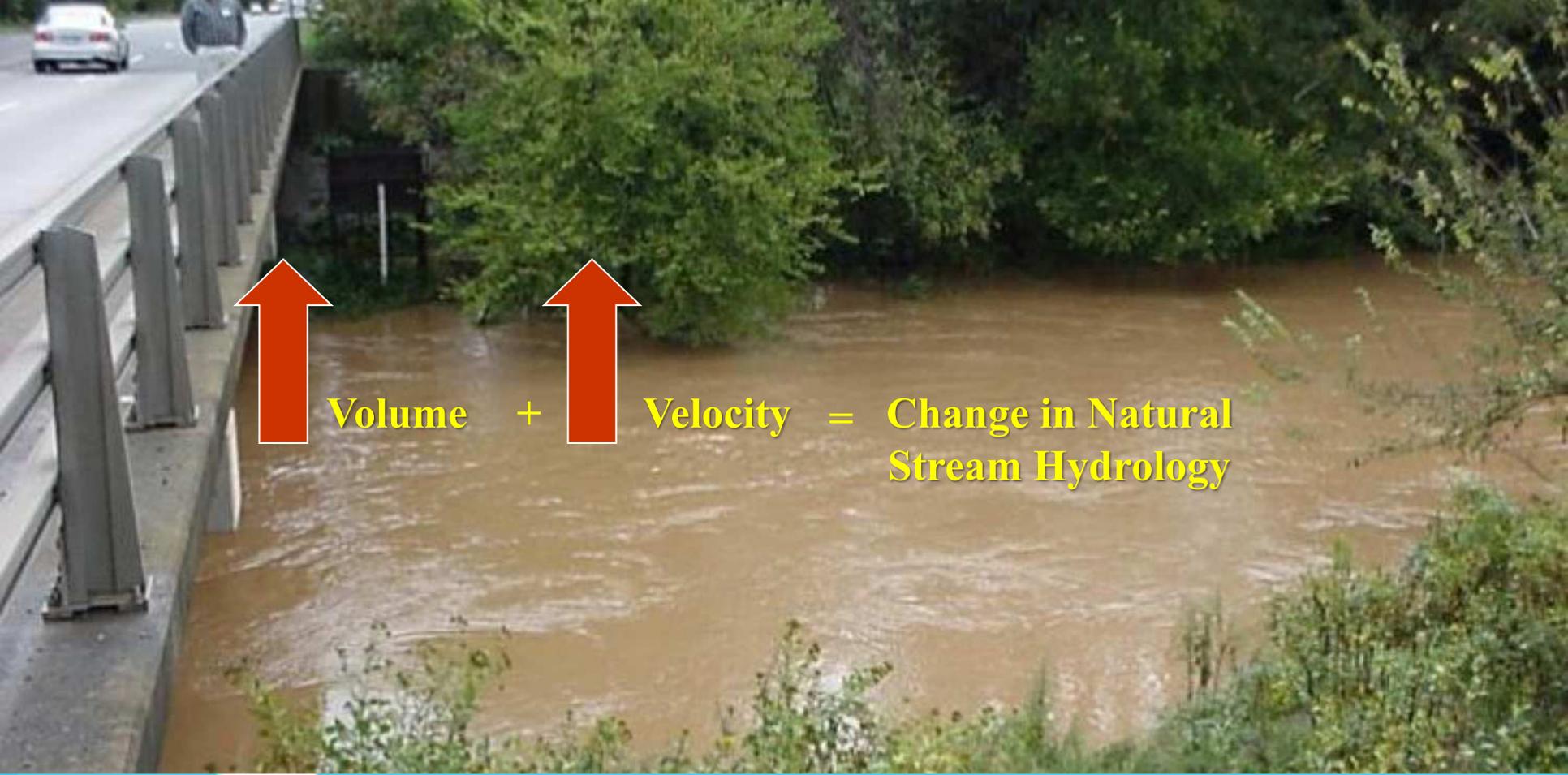


In Mecklenburg County, our average rainfall at 43 inches a year on our 50,000 acres of impervious area generates 1.3 billion gallons of runoff.

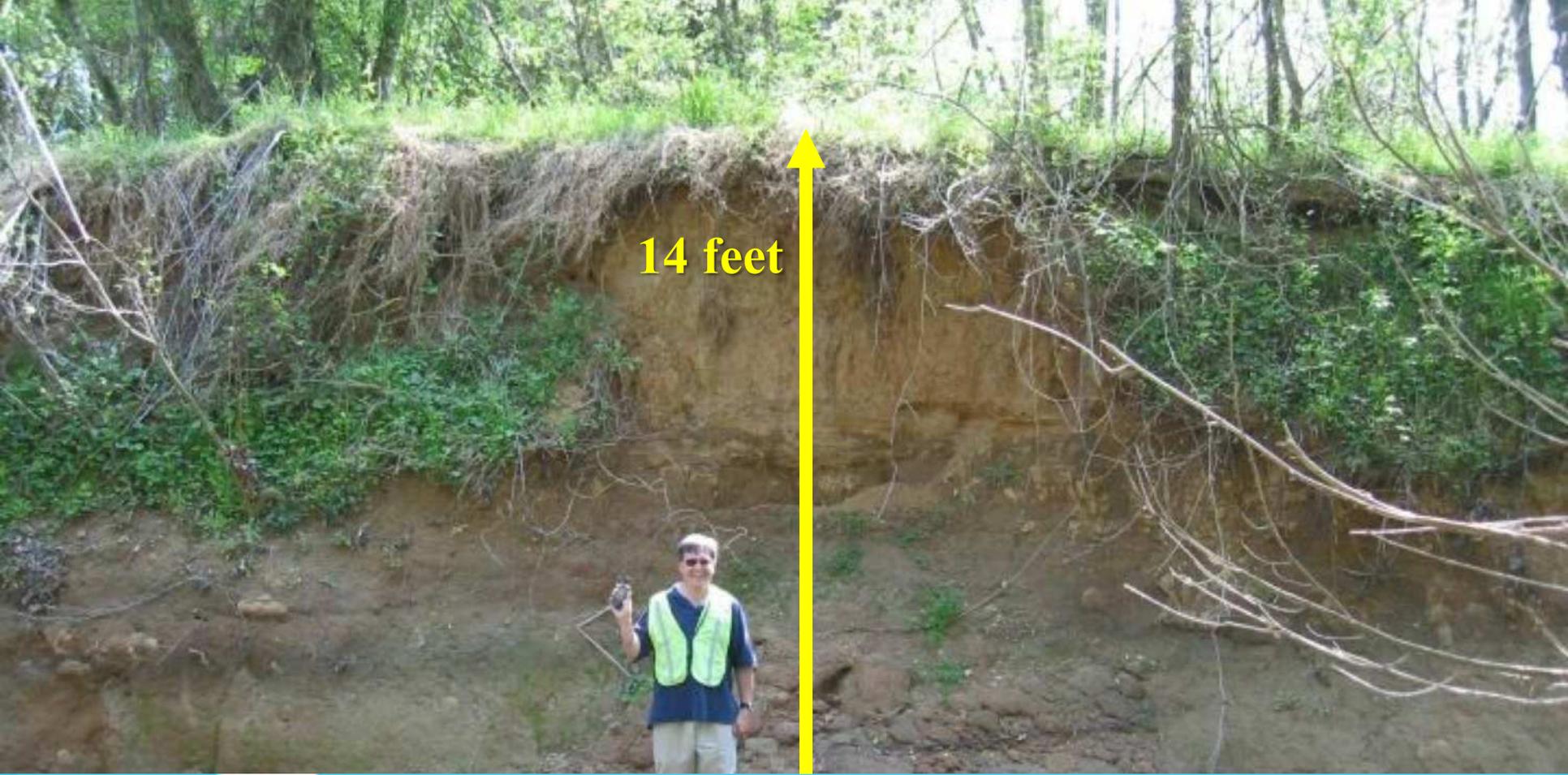


or enough water to

fill Panther Stadium 236 times



Volume + Velocity = Change in Natural Stream Hydrology



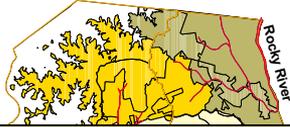
14 feet

OVER THE PAST 40 YEARS...

- **Population has more than doubled**
- **Water supply customers have doubled**
- **Amount of developed land has tripled**
- **Increased pollution sources**

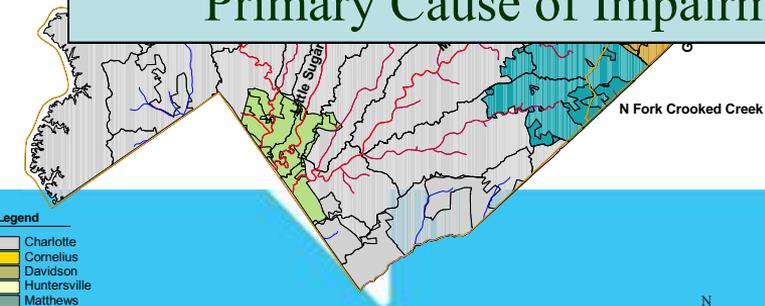


Impaired Surface Waters in Mecklenburg County



Water Quality Monitoring Data (77 sites)

Miles Assessed	263
Miles Impaired	202
% Impaired	77%
Largest Impaired Stream	McAlpine Creek
Primary Source of Impairment	Fecal Coliform, Biological, Turbidity
Primary Cause of Impairment	Storm Water Runoff





**Get
Involved
in Helping
Protect
our Waters**



Adopt-A-Stream

What you need:

- Waders
- Gloves
- Bags
- Grabber

What we did:

- 2412 volunteers
- 196 cleanups
- 38,186 pounds of trash removed





Storm Drain Marking

Supplies

- Markers
- Glue
- Gloves
- Safety Vest

Results

- 303 volunteers
- 2971 Markers

Volunteer Monitoring

Supplies

- Monitoring Kit
- Gloves
- Bug Supplies (if needed)

Results

- 171 volunteers
- 10 sampling days
- Training Workshop



Tree Maintenance

Tree Care

- Tree Tubes
- Tree stakes & Drivers
- Tree Mats & Staples
- Pruners

Volunteers

- 18 volunteers last year
- 112 volunteers this year





Supplies

- Tree Tubes
- Tree stakes & Drivers
- Tree Mats & Staples
- Seedling
- Shovels

Results

- 461 volunteers
- 1350 bare root seedlings planted
- 200 live stake trees planted





Supplies

- Gloves
- Bags
- Snacks

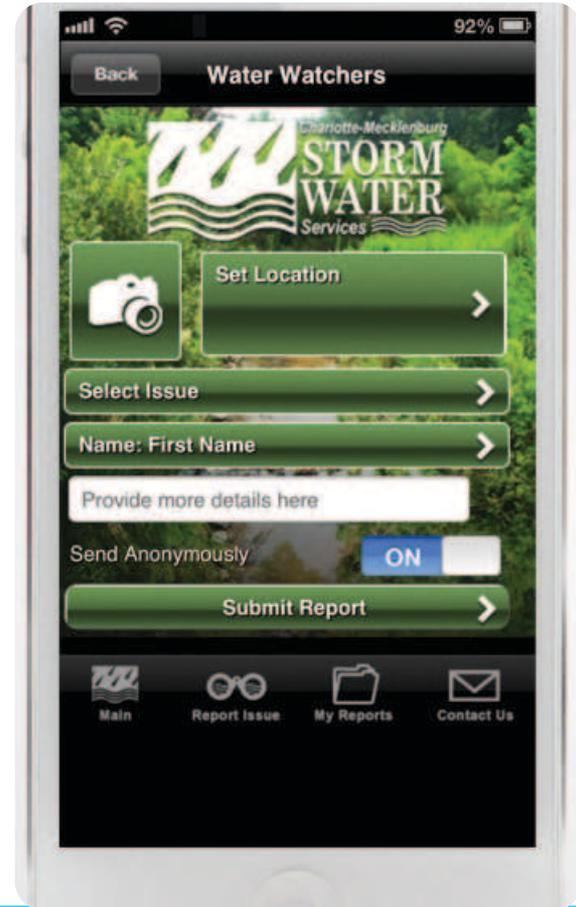
Results

- 8 locations
- 295 Volunteers
- 9.62 tons of trash



Be a Water Watcher

Report pollution by calling 311
or using the WaterWatchers
mobile app



Who is Volunteering?

Last Fiscal Year 3,488
citizens volunteered
with CMSWS

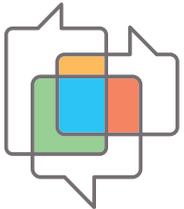
With a population of
1,054,835 that means
less then **.33%** of our
citizens are volunteering
CMSWS





YOUR VOICE. YOUR VISION.

A CALL TO ACTION



LIVABLE
MECK

COMMITMENT EXERCISE

CALL TO ACTION

- As a Partner organization, what will you do this week?
- As a Partner organization, what will you do this year?
- To accomplish your commitments, would you like to collaborate with other Livable Meck Partners? If so, who?
- Are there supports (i.e. engage, facilitate, measure, or communicate) Livable Meck could offer you as you take action?

CLOSING REMARKS

- ▶ Stage Engaged:
 - Thursday, April 19, 9-11am re: food waste at 2145 Suttle Avenue, Charlotte
 - Friday, May 18, 9-11am re: job readiness/employment opportunities for adults with special needs at CPCC Harris Conference Center (Billy Graham Parkway), Charlotte
- ▶ COMING SOON - Priority Setting Sessions
- ▶ Follow-us on Facebook & Twitter for up to date information, collaboration opportunities, etc.