# VOLUME 1

# COMMUNITY ENGAGEMENT

# **VOLUME 1A**

# COMMUNITY WORKSHOP FEBRUARY 2020 SUMMMARY MEMORANDUM

WOOD SCAPE IMPACT CAMPAIGNS WETLAND SCIENCES REBOL-BATTLE & ASSOCIATES

# CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN

**FOR ESCAMBIA COUNTY** 

SITE WALK AND STAKEHOLDER/COMMUNITY WORKSHOP #1

SUMMARY MEMO FEBRUARY 2020

# **TABLE OF CONTENTS**

SOMMAN I TEMO OVERVIEW	
SCHEDULE OF EVENTS	3
SITE WALK SUMMARY	_
Overview	<b>5</b> 5
Participant List	6
Map of Planned Site Walk Locations	6
Site Walk Photographs	12
STAKEHOLDER MEETING SUMMARY	19
Overview	19
Workshop Participant List	20
Notes - Summary of Table Discussions	21
Event Photographs	24
Notes - Summary of Map Comments	26
PUBLIC MEETING SUMMARY	33
Overview	33
Public Meeting Participants	33
Event Photographs	34
Notes - Summary of Map Comments	38
Summary of 3d-Model Comments	40
Summary of Questionnaire Comments	42
APPENDICES	45
Appendix A - Site Walk Notes	
Appendix B - Public Meeting Presentation	
Appendix C - Completed Questionnaire and Comment Sheets	
Appendix D - Additional Engagement Materials	







# **SUMMARY MEMO OVERVIEW**

Task 7.2 of the project scope consisted of two primary components – a Site Walk and Stakeholder/Community Meetings.

The goal of the site walk was to observe the ground conditions along Carpenter Creek and Bayou Texar, to allow the project team to develop familiarity of the watershed and to open team discussion regarding known areas of concern and sharing of institutional knowledge. Site visit observations were documented through photographs, sketches, and videos that will be crucial to informing the watershed analysis and subsequent phases of the project.

The Stakeholder/Community Meetings component consisted of two separate events – an invited stakeholder meeting, and an open public meeting. The meetings were designed to engage with community members and stakeholders regarding existing conditions within the watershed and the process of developing the goals, priorities, and recommendations of the plan.

## SCHEDULE OF EVENTS

#### **TUESDAY FEBRUARY 18, 2020**

7:30am Site Walk

11:30am Bayview Park – Washington High School Marine Science Group

12:00pm Lunch with Pensacola Mayor and City Administrator

1:00pm Site Walk cont'd

5pm Wrap up meeting at Escambia County Central Office Complex

#### **WEDNESDAY FEBRUARY 19, 2020**

7:30am Stakeholder Meeting Setup

8:30-10:30am Stakeholder Meeting at Hilton Garden Inn

10:30-11:30am Water Quality Monitoring Data Gap Meeting

5pm Public Meeting Setup

5:30-8:30pm Public Meeting at Washington High School



### SITE WALK SUMMARY

#### **OVERVIEW**

The site walk included visits to 18 predetermined locations as well as several impromptu stops within the watershed which represented typical conditions, ranging from open, publicly owned sites along the Bayou and Creek, to privately owned sites where homes and back yards face the creek banks, to large commercial sites where parking lots surround densely forested areas.

General questions shared with the County in advance of, and discussed throughout, the site walk include:

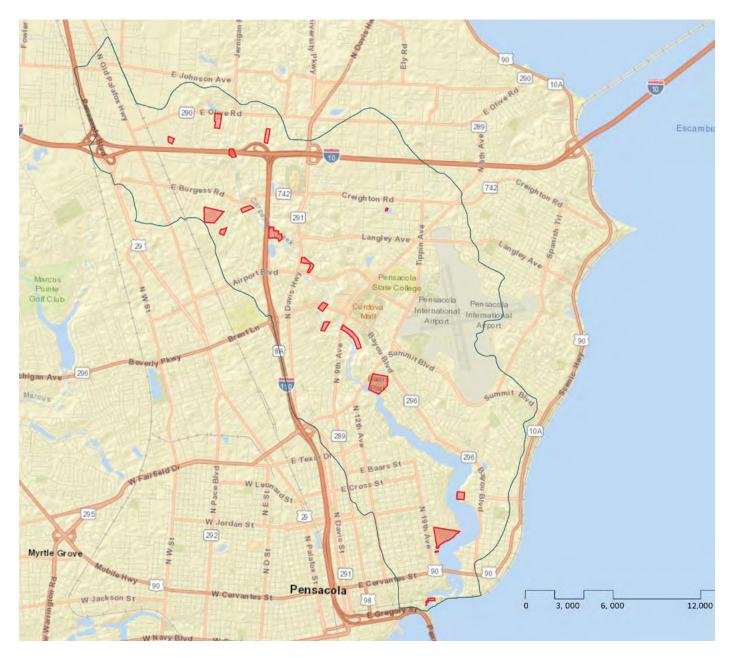
- What did the site look like historically compared to how it looks today?
- Why did the changes occur (if known)? Development, infrastructure, flow changes, etc.
- Does the County or City have specific knowledge of issues related to flooding, water quality, erosion at this location?
- Have there been any projects proposed or restoration ideas discussed for this location?
- What kind of thoughts/ideas has the County been hearing or entertaining for the Headwaters property, if any? Or is this an open slate for now?
- Are there key stakeholders/landowners/private partnership opportunities at this location?
- It has been theorized that the beavers have been building dams and restricting the proper flow within the culverts under Olive Road. Is the County interested in exploring the idea of a span bridge in place of the existing box culvert?
- What are the possibilities for implementing invasive species removal and maintenance strategies?
- Are the County/City open and/or hopeful to employ revisions to their tree ordinances or development regulations, especially as it pertains to building/not building in the riparian zones?
- Who is responsible for maintenance in general along creek banks? For example, noted
  during previous site recon that many pine limbs and other vegetative debris were left in
  swales adjacent to the headwaters, due to pine tree limbs trimmed along power lines.
- What is the reasoning for material selected for rock being used for bank stabilization, for example near Davis Hwy Bridge?
- Are there already some local businesses interested in advancing the project and the
  future creek enhancements? How can we work with them to create an amenity?
  Example, the area behind Target could this area realistically entertain a board
  walk type of structure behind the businesses? What are the obstacles?
- How can we engage businesses in better land management practices?
   Particularly, for example, in removal of invasive species upstream?

#### PARTICIPANT LIST

Escambia County: Terri Berry, Matt Posner, Brent Wipf, Dana Morton, Chris Curb, Matt Kelly; Wood: Christine Mehle, Jeanette Kelson, John Kiefer, Mary Szafraniec; SCAPE: Gena Wirth, Lee Altman, Mike Biros; WSI: Keith Johnson; Impact Campaigns: Travis Peterson; City of Pensacola: Chris Mauldin; Other: Liam Dunaway (videographer)

#### MAP OF PLANNED SITE WALK LOCATIONS

Scanned notes from the site walk are attached as Appendix A.









1.

Address/Location: North of 7507 Sears Blvd, Pensacola, Florida 32514

Note: Parcel owned by ECUA. Possible stormwater retrofit/enhancement



2

Address/Location: 715 Olive Road, Pensacola, FL 32514

Note: County owned lands, extreme headwaters of Carpenter Creek. Highly disturbed wetlands. Exotic and nuisance species. Potential location for innovative stormwater treatment, ecological restoration, and public access.



3.

Address/Location: South of 8011 Nalo Creek Loop Road, Pensacola, Fl 32514

Note: Lost Creek Subdivision. Access creek from stormwater parcel. Parcel A&B Stormwater retention parcels include portions of creek.



4.

Address/Location: 7620 Hilburn Ave, Pensacola, FL 32514

Note: Near Hillburn and Atwood - potential area for pond retrofit.



Address/Location: Shiloh Drive at Intersection with Gettysburg Drive. Site Name - Oakfield Acres

Note: Outfall of old corrugated metal pipe system.



Address/Location: Just South of Gettysburg Drive at Vicksburg Drive. Site Name - Oakfield AcresNote: Oakfield Acres known to have old corrugated metal pipe. Potential for wastewater intrusion into stormwater system. This is also a good example of a County park.



Address/Location: Along east side of Sarah Drive between Royal Lane and Prince Road. Site Name - Oakfield Acres

Note: County park. Evaluate public access/utilization.



Address/Location: Western terminus of Village Oak Drive.

Note: Privately owned stormwater management system for The Park at Sterling Hills Apartments. In disrepair and needs maintenance.









9.

Address/Location: Carpenter Creek between Davis & Airport Blvd

Note: Site of Natural Resource Conservation Service Emergency Watershed Project. Stream bank instability. Potential location for stream improvements.



10.

Address/Location: 2000 E Lloyd Street. Site Name - Bayview Park

Note: Evaluate public access and utilization including possible riparian buffer and enhancements



11

Address/Location: Eastern terminus of Brainerd Street. Site Name Brainerd Street Outfall

Note: One of many stormwater outfalls into Bayou Texar. Documented contamination of bayou sediments (metals and volatile organics) near many of these outfalls. Potential location for stormwater retrofits and removal of contaminants from bayou sediments.



12

Address/Location: N 17th Ave just south of Cervantes and south of Graffiti Bridge. Site Name 17th Ave Boat Ramp

Note: Potential location to improve public access and utilization. City park just north of this location.



13.

Address/Location: N 17th Ave. Same location as #12. Site Name - CSX Crossing Over Bayou Texar Note: Evaluate possible channel improvements to improve tidal exchange and water quality of Bayou



14

Address/Location: Western terminus of Hyde Park Road. Site Name - Hyde Park.

Note: City Park. Evaluate public access/utilization.



15.

Address/Location: Southern terminus of Pintado Drive south of Karmich Place. Site Name - Baars Park

Note: City Park. Potential for public access/utilization.



16.

Address/Location: 4751 Bayou Blvd behind Winn Dixie. Site Name - 9th Avenue at Carpenter Creek - from 9th to Target

Note: Evaluate stream condition/ potential improvements









17.

Address/Location: 5149 Bayou Blvd. Site Name - Springhill Movie Theater 1

Note: Evaluate stream condition/ potential improvements

\* Not visited on site walk



18

Address/Location: 5175 Bayou Blvd. Site Name - Springhill Movie Theater 2

Note: Evaluate stream condition/potential improvements

\* Not visited on site walk



19

Address/Location: 5170 Springhill Dr.

Note: Private back yard fronting Creek

\* Impromptu visit during site walk.



20

Address/Location: 9th Avenue Bridge

Note

\* Impromptu visit during site walk.



Site Walk Location 01. Berm across tributary near headwaters, powerline ROW



Site Walk Location 02. County acquired property near headwaters, public access opportunity







Site Walk Location 02. Creek headwaters, evidence of beaver activity



Site Walk Location 05. Stormwater outfall and resulting scour



Site Visit Location 09. Erosion near hardened creek bank site along east side of Davis Hwy, sedimented creekbed.



Site Visit Location 10. Bayview park. One of few formal public access points.









Site Visit Location 13. Graffiti bridge at mouth of Bayou Texar. Army Corps dredging site and spoil bank. Opportunity for increased public benefit and access.



View from Site Visit Location 14. Private shoreline along Bayou Texar. Mostly grass and bulkhead.



Site Visit Location 15. Baar's Park. Wood's Dr. John Kiefer points out the longleaf pines that are part of a wonderful ecological/topographic section from upland to bayou. Public access opportunity.



Site Visit Location 16. Encampments along creek behind big box stores.









Site Walk Location 20. Sediment trapped under 9th Ave Bridge



Site not visited on tour. EPA-funded floating treatment wetlands harvested and transplanted at restoration sites



## STAKEHOLDER MEETING

#### **OVERVIEW**

The project team reached out to relevant government entities, educational institutions, nonprofit groups, community groups, and individuals within the project area and invited them to participate in a targeted workshop. The workshop was designed to engage with stakeholders and inform the group about the project goals, process, and timeline, and collect information to assist with the watershed analysis.

The workshop included a presentation documenting the team's preliminary research into site history and ecology, a brief overview of the site walk, and a guided discussion in small working groups. The presentation is included as Appendix B. Group facilitators used large format maps and aerial photographs to prompt discussion and capture information provided by participants. A facilitator guide (included as Appendix C) included prompt questions on topics of site history and cultural resources, water quality issues, natural systems, ecology and hydrology, access and recreation, and plans and projects.

A physical model of the watershed was used to capture participants' high-level impressions using flags denoting the following characteristics: 'unsafe/safe', 'inaccessible/accessible', 'unwelcoming', 'boring/fun', 'flooding', 'polluting', and 'special'.

#### PARTICIPANT LIST

The following list includes participants who RSVP'd to the event using Eventbrite:

**Edward Bauer Escambia County Education** Elizabeth Benchley University of West Florida

Visit Pensacola Shawn Brown

Kyle Buck **EPA** 

Jane Caffrey University of West Florida

Cynthia Cannon City of Pensacola

Warren Carruth University of West Florida

Brian Cooper City of Pensacola

William DeBusk Environmental professional

Matt Deitch University of Florida

Louviminda Donado Florida Department of Health

**David Ferguson ORAU-NSSC Sustainable and Healthy Communities David Fries** Institute for Human and Machine Cognition (IHMC)

Doug Heatwole Environmental professional

Rand Hicks Council of Neighborhood Associations

**Brandon Jarvis EPA** 

Ross Johnstone Pensacola Rowing

Dan Lindeman

LeeAnn Lutz Florida Department of Health

**Thomas Mayhair** Select Medical Paul Pipes City of Pensacola Dawn Rudolph Sacred Heart Hospital Carrie Stevenson University of Florida

Paul Thorpe Northwest Florida Water Management District

#### County team and design team participants:

Matt Posner **Escambia County Brooke Fleming Impact Campaigns** Terri Berry **Escambia County** Keith Johnson Wetland Sciences **Brent Wipf Escambia County** Gena Wirth **SCAPE** Dana Morton **Escambia County** 

Lee Altman **SCAPE Escambia County** Chips Kirschenfeld Mike Biros **SCAPE** Matt Kelly **Escambia County** 

Mary Szafraniec Wood Christine Mehle **Wood** Jeanette Kelson Wood John Kiefer Wood Stephen Hanks Wood

Travis Peterson **Impact Campaigns** 







#### **NOTES - SUMMARY OF TABLE DISCUSSIONS**

The notes below are meant to capture the participants thoughts as they were recorded, with minimal interference or interpretation:

#### PROJECTS AND PLANS

- 9th Avenue Bridge current proposed design not viewed favorably by some. Prefer a less 'boxy' concept to discourage sediment buildup.
- With the homeless population often seeking refuge and shelter along the creek, we will need to be cognizant and sympathetic to them regarding potential displacement in the event of future improvements in those areas.
- 21 Lot Subdivision named "Whispers" immediately adjacent to Carpenter Creek (to be verified).
- Concerns over new land development projects such as Baptist Hospital on Brent lane. City has annexed property. Hospitals are exempt from City tree ordinance.
- Proposed land development near hotel behind airport as medical park for West Florida Hospital/ Baptist near Summit Blvd. Another project that will clear cut large tracts of forested property.
- Development of Movie Theatre clear cut vast forested area. Tree ordinance does not preserve trees especially if the development has the means to pay the required mitigation fee.
- Old Florida Fish and Wildlife Conservation building near 17th Ave. will be demolished. This is location of planned roundabout.

#### HYDROLOGY, POLLUTION, EROSION

- Seek opportunities to work with FDOT.
- Large stormwater pond at the airport. Earth excavated to form pond deposited at old WWTP site just north of Main Street.
- Admiral Mason park: good example of incorporating public use for stormwater management facility.
- City has installed several vaults or treatment systems along some of the outfalls along Bayou Texar.
- Living shoreline project along Bayfront. Could be used to encourage owners along Bayou to implement such BMPs.
- UWF had a stream gauge at one time at Shiloh Road.
- Publix did incorporate additional features above and beyond what was required to protect the watershed.
- Stream grade change more pronounced at road crossings.
- Log vanes can they be used to enhance stream channel?
- "Dumpster juice" flowing into creek behind big box stores noted as a problem throughout the watershed, especially for those facilities that keep dumpsters directly adjacent to the creek or adjacent to connected storm inlets.
- Piedmont Ave.: significant erosion of roadway and homes following April 2014 Flood Event. Heavy erosion also noted along Scenic Hwy although outside the watershed.
- Use of beetles to control Air Potato.
- Spoil Island across railroad trestle. Camp location?
- Channel erosion at Springhill.
- Avulsion occurring along shoreline just north of Baars park.

- High elevation low grade change north side of watershed. Low dissolved oxygen levels.
- Reconnect natural floodplain.
- Is gravel bed stream a goal?
- How much of the floodplain to reconnect? Establish a goal with metrics.
- BMP Pervious pavement or other green infrastructure concepts could be considered for businesses with parking lots that are usually at least 80% empty during non-peak hours.
- City of Pensacola has been installing "vortex" or quality improvement units how effective?
- 2014 flooding extreme rain events.
- Specific needs for stream and floodplain stream is very incised creative restoration/engineering.
- Better balance of sediment management and erosion control.

#### PUBLIC ACCESS AND RECREATION

- Access to creek (boardwalk) would serve as a favored amenity.
- City plans for Baars park potentially include a kayak launch.
- Contamination concerns have minimized public utilization of Bayou by rowing community.
- Marina Oyster Barn Only public marina.
- Florida circumnavigation paddle trail stop in Bayou.
- Most of Carpenter Creek in private ownership. Limited public access.
- Public would benefit from more pocket parks to provide access to stream.
- Lack of green space.
- Large green space near driving range (south of Airport?).
- LEAP constructed recreational trail (bike/ped) along Summit around west edge of airport. Heavily utilized. Very active. Doesn't connect to water.
- o Navy point park has a 2-mile loop coastal path that could be used as a design case study.
- People are blind to the creek access, trail + boardwalk! Get people to see it!
- Walking trail + paddle trail loop throughout watershed link neighborhoods with greenway.
- "Eyes on the Creek"- the idea that encouraging people to enjoy the creek and activate it will help increase visibility and in turn reduce vandalism, litter, etc. and improve the sense of security.
- Carpenter creek signage at every bridge.
- Restaurants by creek, seating faces road, not the creek (Miller's Ale house, Sake Cafe).
- More education, visibility, when people see it they take better care.
- Community engagement help people see in the future creek is overlooked.
- Show projects from other cities Charlotte, Greenville.

#### **CONTACTS AND RESOURCES**

• UWF participants at the table asked that the County and Team consider ways to incorporate these







stakeholders in the project, the process, and even future projects, to the highest practical extent.

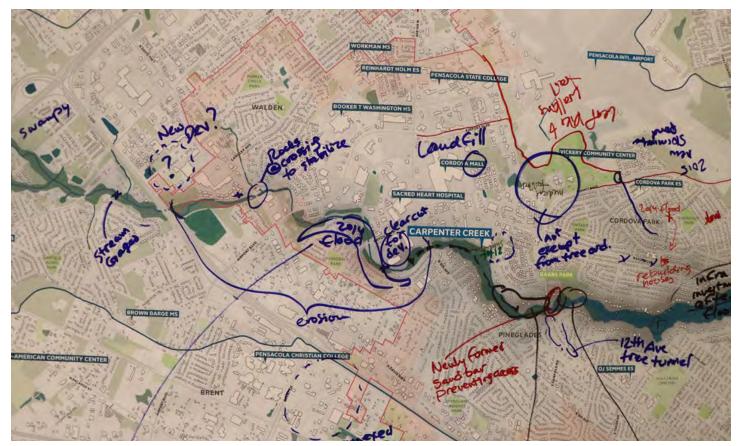
- Springhill and Valley Drive residences may be willing to share "Flood Stories."
- LeeAnn Lutz- DOH shared historical monitoring data.
- Tracy Goodhart thesis hydrograph.
- Northwest Florida Water Management District Daryl Boudreau.
- Beth Fugate FDEP living shoreline projects at Bayou Texar (6-7 projects).

#### HISTORY AND CULTURE

- Creek behind Olive Garden and near doctor's office noted as near the historic mill location.
- Brown Barge middle school moved due to contamination concerns.
- During 60s and 70s Bayou was utilized by ski demonstration team who knew it wasn't safe to swim.
- 12th Ave Tree Tunnel: cultural feature in watershed (nearby Wisteria Tavern also has significance).
- Cordova Mall located over historic landfill.
- Public use of Bayou has included moonlight paddle tours of Bayou Texar from Bayview Park.
- Storm Drain stenciling projects.
- If floated logs to sawmill, was the creek navigable?

#### **OWNERSHIP AND POLICY**

- Noted that currently private property ownership extends to the creek center
   this will be a challenge to overcome during the BMP phase.
- Will Dunaway noted there is a real possibility to involve and incorporate residents in future BMP activities, engaging them to take stewardship and ownership in their backyards. This can be an option especially in areas where residents don't prefer the option of creating public access opportunities. One area noted was just north of Baars Park, along the Bayou.
- Concerns over manicured lawns adjacent to the Bayou (i.e. runoff). Homeowners are not held accountable.
- Toolkit of shoreline solutions for private landowners.
- City/County property ownership some own to creek centerline some creek is private - waters of state? - jurisdictional.
- Edge improvements Bayou Texar has a shoreline protection district treat first 1" of runoff.
- Tree ordinance: Revisions to both City and County ordinance are needed for greater protection and better implementation of mitigation (i.e. species selection, spacing, etc.). Need to ensure mitigation trees will create a resilient and appropriate canopy, including interconnected tree wells. Mitigation should replace what is being removed.
- 30' creek buffer in code, not enforced.
- Drain markings and QR codes.
- Work with FDOT on future design considerations that overlap with the watershed management plan efforts.
- City of Pensacola has stormwater utility fee.
- Pair with economic revitalization box store model is dying can new model embrace creek?



Sample map with workshop participant comments



Model with workshop participant annotations







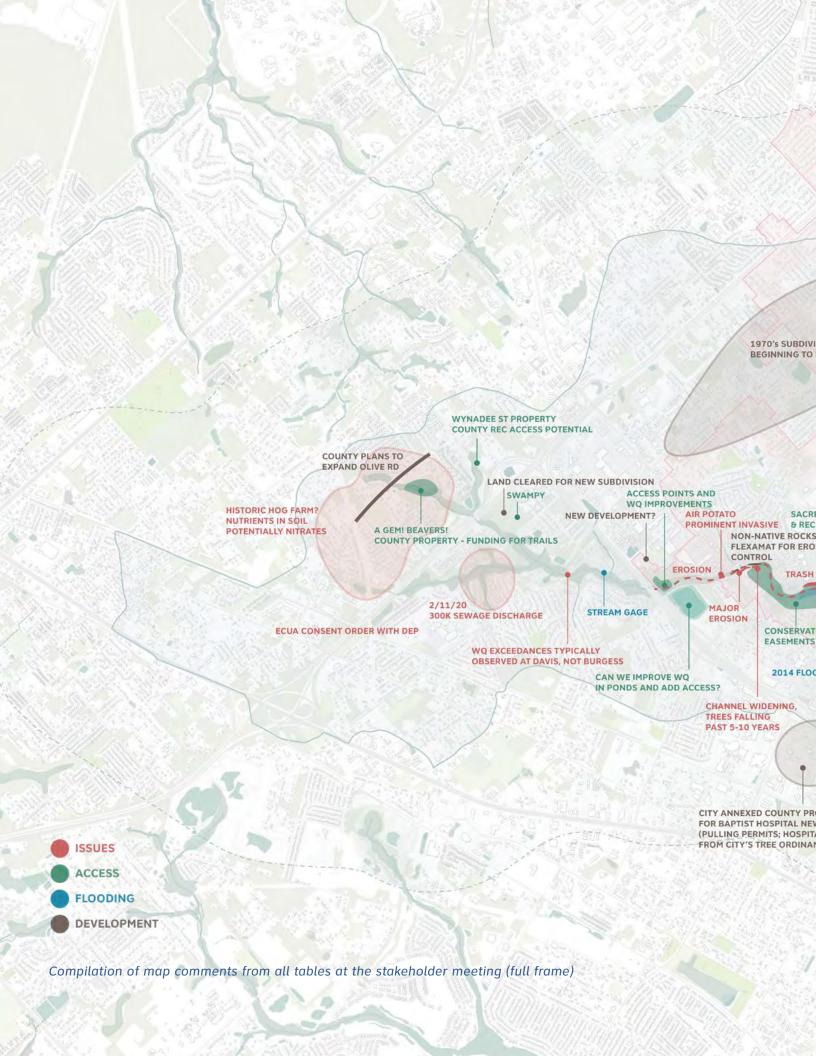


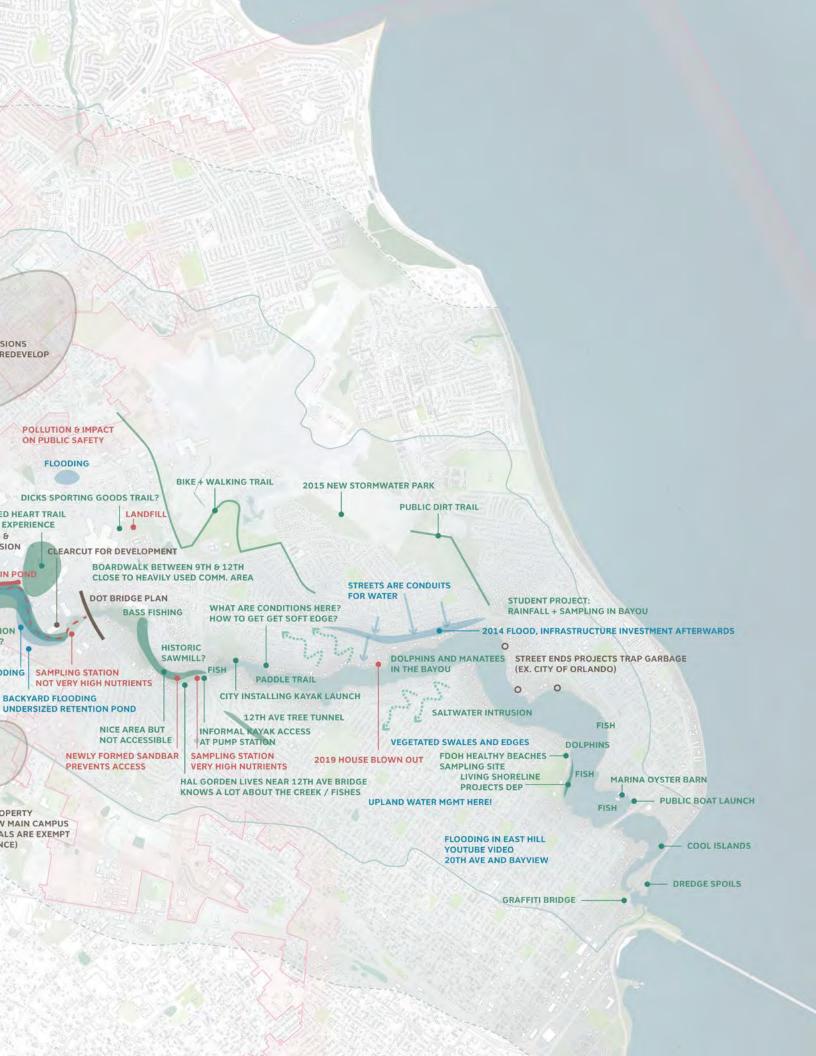


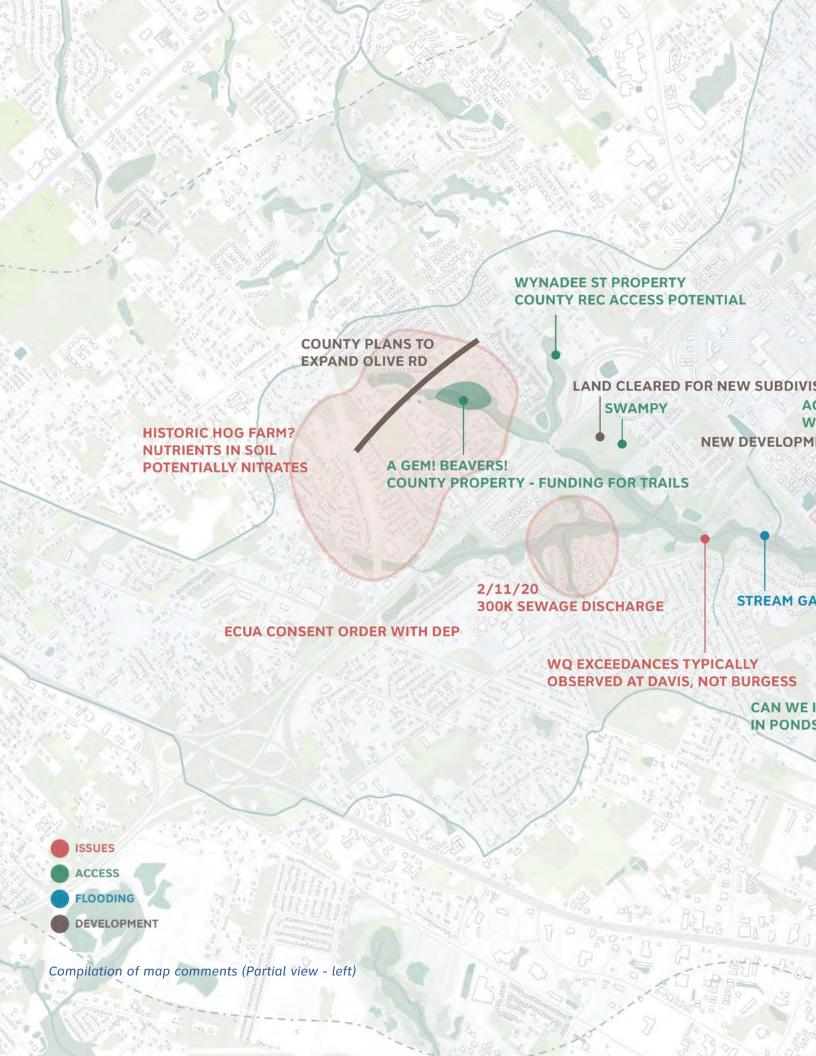
Workshop participants reporting back on discussion results

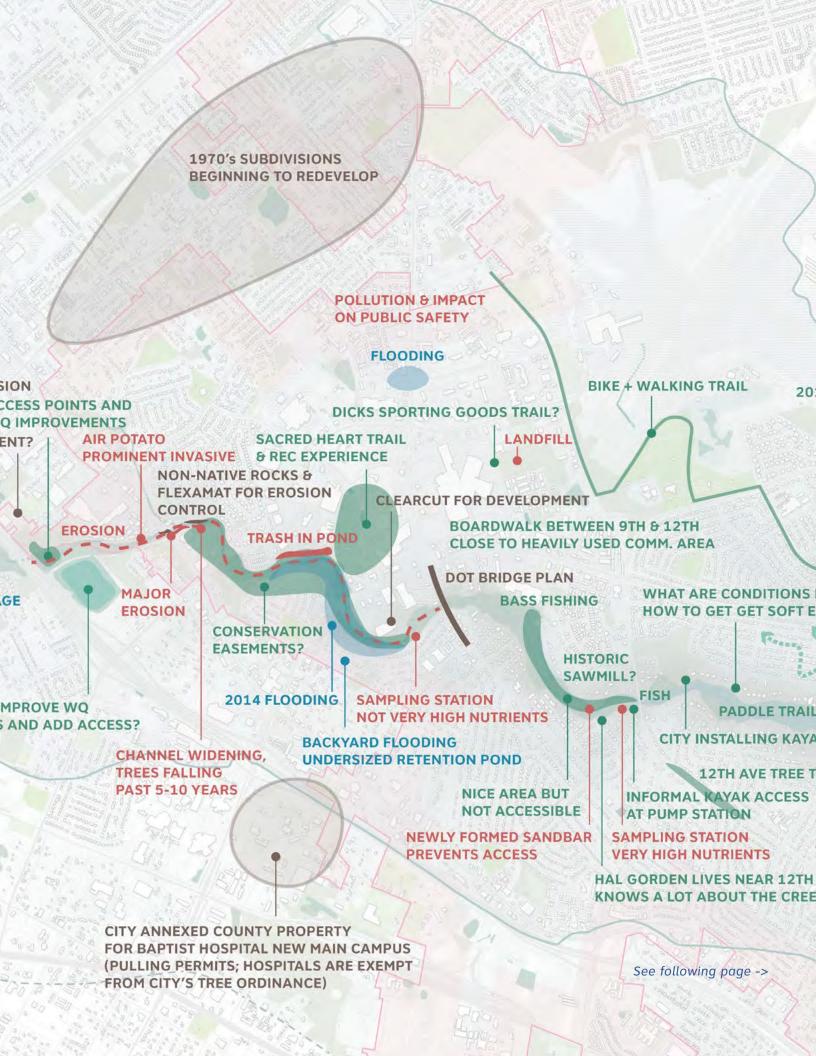


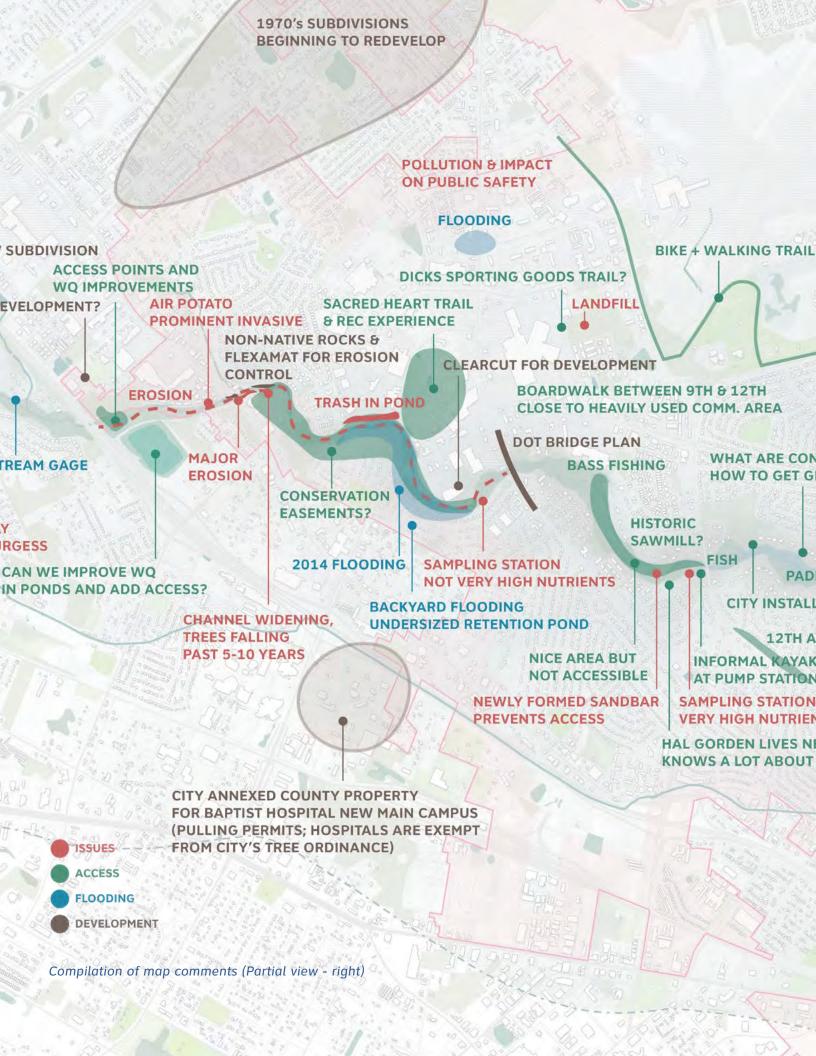
Workshop participants reporting back on discussion results















## PUBLIC MEETING

#### **OVERVIEW**

A public meeting was held at Washington High School, with the goal of informing the general public about the project and inviting watershed residents and stakeholders to engage with the team throughout the life of the project. A key objective of the meeting was to gather information on the cultural and historical significance of the Creek and Bayou, specifically reaching out to individuals, groups, and organizations representing traditionally underrepresented groups and gathering relevant historic information not included in State records. Additionally, information was gathered on water quality, flooding, natural systems and ecology, and other characteristics of the watershed.

The meeting included an introduction by County District 4 Commissioner Robert Bender, and a presentation by Wood and SCAPE documenting the team's preliminary research and a brief overview of the site visit. A series of interactive tools were used to discuss the watershed with attendees and capture relevant information. These included:

- Participant Questionnaires (completed questionnaires included as Appendix C)
- Bayou and Creek postcards including targeted questions, intended to be mailed back to project team
- Interactive table maps
- A physical model of the watershed was used to capture participants' high-level impressions using flags denoting characteristics such as 'welcoming', 'inaccessible', 'polluted', 'special', etc.
- A 'Watershed Story Booth' set up to capture short interviews with residents and stakeholders who shared their memories and watershed related experiences

The material and information collected at this public meeting will be utilized and expanded upon during the project's watershed evaluation and characterization phase. In addition, these materials will be used to continue and sustain public engagement throughout the process by sharing them through the project newsletter, website, and social media presence.

#### PUBLIC MEETING PARTICIPANTS

The following elected officials attended the public meeting:

County Commissioner Robert Bender

Mayor Grover Robinson

Councilwoman Sherri Myers

Councilman Jared Moore

High School Marine Science Program displayed relevant student projects.

Approximately 120 individuals registered for the event using the Eventbrite platform. Approximately 50 additional participants signed in at the event, and 20 participants shared their notes using the provided questionnaires.



County Commissioner Robert Bender introducing the project



Gena Wirth of SCAPE discusses project goals











Christine Mehle of WOOD discusses watersheds



Sign-in and postcard station



Pensacola Mayor Grover Robinson participating in interactive 3d-model activity



Participants reviewing project area maps







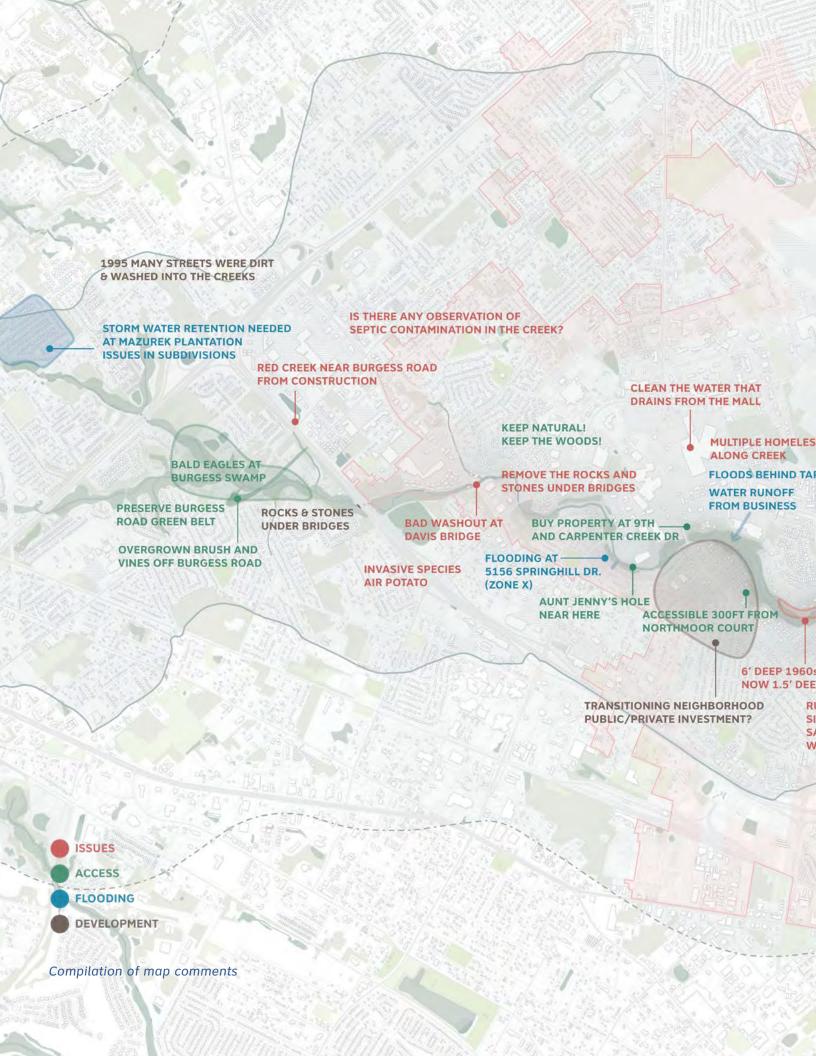




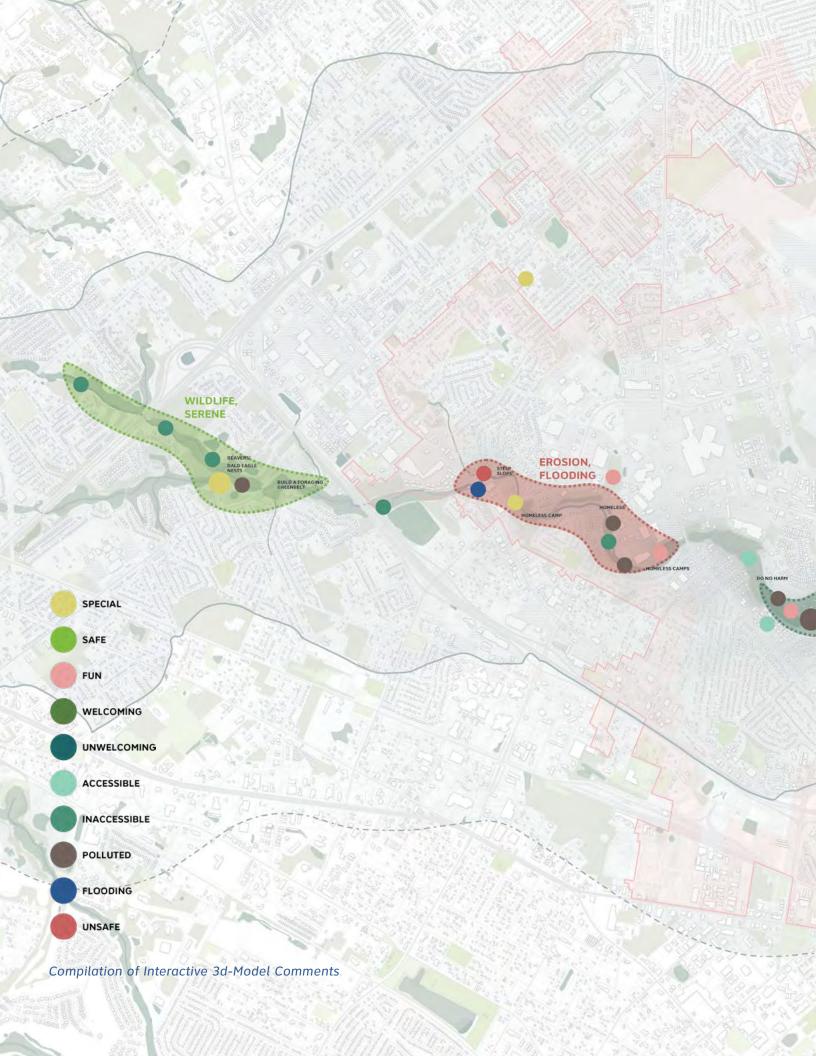
Watershed Stories photobooth

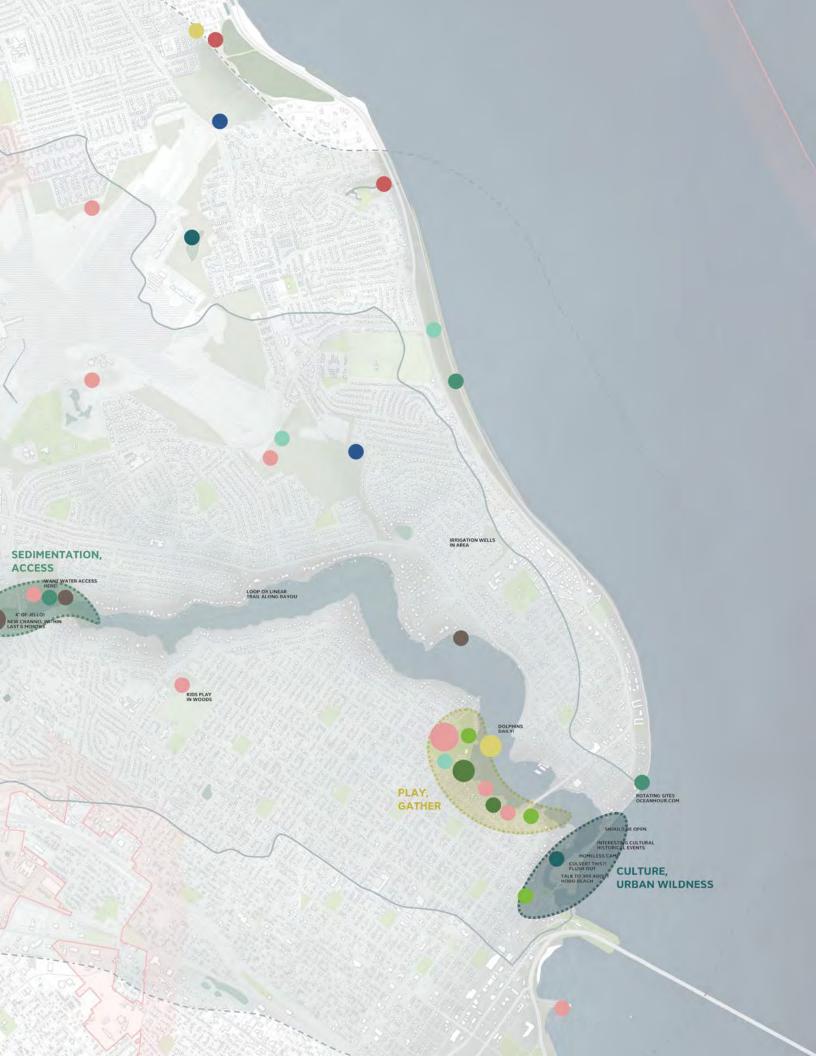


Participants adding notes and comments to interactive maps









#### QUESTIONNAIRES RESPONSE SUMMARY

HAVE YOU EVER USED THE CREEK OR BAYOU FOR RECREATIONAL PURPOSES? KAYAKING, CANOEING, SWIMMING, FISHING, PLAYING ALONG THE WATER'S EDGE, WALKING YOUR DOG, SITTING ON A BENCH AND WATCHING THE SUNSET - THESE ALL COUNT!

- Responses include canoeing, kayaking, paddleboarding, tubing, swimming (+learned to swim), fishing, playing at the water's edge, bird watching, walking in the woods, dog walking, outdoor movies, playing on swings, watching water skiers and high-powered race boats, family gathering at picnic tables, watched sunset, kids' parties.
- Locations: canoeing off dead end Scott Street up to Brookside Apts., kayaking and paddleboarding from 12th Ave to 17th St., Bayview Park for group gatherings

#### HOW AND WHERE DO YOU ACCESS THE WATER? DO YOU TYPICALLY DRIVE YOUR CAR TO BAYVIEW PARK? HAVE YOU EVER BIKED/WALKED TO THE WATER OR ALONG IT?

 Responses include walking to the creek (multiple residents with direct private access), driving and biking to Bayview Park and dog park, Graffiti Bridge at 17th St., Marina Oyster Barn.

#### DO YOU HAVE ANY SPECIAL OR IMPORTANT MEMORIES RELATED TO CARPENTER CREEK AND BAYOU TEXAR? RECENT OR DISTANT PAST, HAPPY TIMES. SCARY MOMENTS, MEANINGFUL EVENTS, FAMILY STORIES...

Responses include learning to swim at Bayview Park summer program, roamed the woods by the creek, picked blackberries, finding consolation and healing in being around the creek, riding horses, watching houses being built on the bayou over the years, hearing whip-poor-wills, watching pelicans feeding, dolphin sighting and noticing widgeon grass in past 2-3 years

WHAT ARE PLACES IN THE GREATER WATERSHED (NOT JUST ALONG THE WATER!) THAT MAKE YOU FEEL CONNECTED TO NATURE? WHAT ABOUT THESE PLACES GIVES YOU THIS FEELING? DO YOU ENJOY ENVIRONMENT-RELATED ACTIVITIES LIKE BIRD WATCHING, BEACH CLEANUPS, HIKING? WHERE DO YOU GO TO DO THOSE?

- Places mentioned include Marina Oyster Barn, around 12th Ave. Bridge, Bayview Park (in watershed), Bay Bluffs Park, Scenic Highway, Fort Pickens, Blackwater State Forest, Bruce Beach, old growth pine forest/the woods (outside watershed)
- Activities mentioned include bird watching, observing wildlife with children (noted racoons, turtles, opossum, and snakes), kayaking through grassy areas and small islands near bay mouth

HAVE YOU SEEN OR EXPERIENCED SEVERE FLOODING IN THE WATERSHED? WHERE AND WHEN DID YOU EXPERIENCE FLOODING? HOW DID THE FLOODING IMPACT YOUR LIVING OR WORKING **ENVIRONMENT, YOUR COMMUTE OR OTHER TRAVEL, YOUR RECREATION AND LEISURE?** 

- Locations mentioned include 9th Avenue crossing, Piedmont Drive
- Times mentioned include April 2014 flood, Hurricane Ivan (2004)
- Descriptions include 20' of a hill behind resident's house fell into the creek (4/2014), 50' of resident's land washed away along creek, seeing hundreds of brown pelicans taking shelter north-west of Cervantes St. Bridge after Hurricane Ivan
- Other notes included resident who complained about adjacent building not being properly







inspected and resulting in drainage issues, resident who worked to evacuate residents and patients in facilities, flood insurance runs \$1,800/year after three damaging floods

# HAVE YOU SEEN OR EXPERIENCED POOR WATER QUALITY IN THE CREEK OR BAYOU? WHAT DO YOU THINK CAUSES THIS CONDITION? HOW OFTEN HAVE YOU NOTICED THIS?

- Locations noted include creek below Burgess and around Davis Highway
- Descriptions include trash related to homeless individuals, small amounts of raw sewage (old sewage lines presumably have leaks), receiving weekly water quality reports noting fecal and other bacteria ratings, high bacteria levels usually only mid/late summer, fish kills, lack of wildlife (fish, crab, fowl), businesses draining waste directly into the creek
- Also noted a resident who does water sampling for Lake Watch; Gov. agencies seem very good about
  warning the public. Contaminated sediment in Bayou is from Agrico Chemical and Escambia Treating Co.
  Resident described experience of canoe tipping over and coming up covered in black tar-like sediment.

# WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF THE GREATER WATERSHED? ALL THOUGHTS AND ANSWERS WELCOME!

 Responses include communing with nature, hearing birds, seeing turtles, being one with the water, recognizing plant life, visual and physical interaction with water for all ages, prioritizing cleanup first and access later.

#### **GENERAL COMMENTS AND QUESTIONS**

- I see signs all over town saying that I am in the Carpenter Creek watershed. These need to be replaced with signs that say you are in the GULF OF MEXICO watershed it all flows to the gulf. Saying it stops at Bayou Texar does the whole project a disservice.
- Why/who cut the trees on the west side of 9th Ave? They butchered the trees...
- George Sanders who now lives on Parker Circle grew up on Royce Street and has many Carpenter Creek stories and experiences. If a staff person were to contact him, I am sure he would share these memories. Sherry Myers knows him.
- When will Texar be dredged?
- I believe it is very important that we do no further harm to this watershed. No master plan can work if we continue to engineer the flow. It is also important to ensure we get the right people on the team (ie: UWF Cultural Research). My vision is that the Creek look more like Rock Creek Park vs. the LA River. This will require a champion (City of Pensacola? County?). Will the city step up? Who will own the plan? Who will enforce the plan? Is it enforceable?
- City and County targeting tree replanting areas for sustainable canopy increase.
   Both have tree mitigation funding, review comprehensive Urban Tree Canopy
   Analysis on city website. 2 Phase; shows tree canopy trends over 20 years, also current canopy and public spaces and planting area recommendations
- Beavers, beaver dams, and dens are the primary blockage of water flow from upstream. Where
  Olive Road crosses Carpenter Creek over a culvert. If you park near this crossing and look
  upstream (Northwest) beyond the culvert, you will see a beaver dam, then a large amount of
  leaves upstream from that. The beavers need to be removed or relocated, then their dams and
  the backup of leaves removes to restore normal water flow from the source of the creek.



## **APPENDICES**

- **A SITE WALK NOTES**
- **B-PUBLIC MEETING PRESENTATION**
- **C QUESTIONNAIRES AND COMMENT SHEETS**
- D ADDITIONAL ENGAGEMENT MATERIALS: POST CARDS, FACILITATORS' GUIDE, SIGN-IN SHEETS

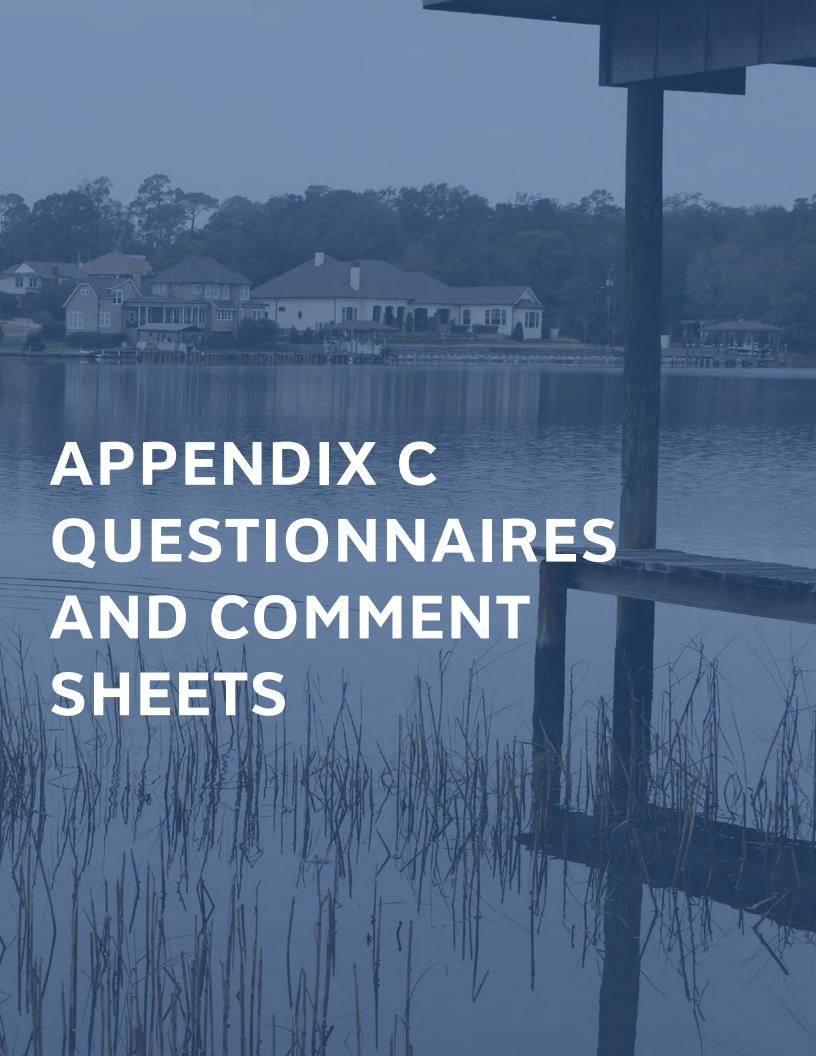


















# **VOLUME 1A APPENDIX A**

# SITE WALK NOTES



ADDRESS: NORTH OF 7507 SEARS BLVD

TIME: 8:00-8:15

CITY LIMITS: NO

#### **Location Notes**

Parcel owned by ECUA. Possible stormwater retrofit/enhancement

#### **`Field Notes**

USETT NEW ONLINE STRUCKE.

CORR. PIPE STRUCKE

LIFT STATION/ WILLITE EXPONENTS.

OCD HEATTLANER LETCHINGS.

AS OUNTS LOAD DITCHES 7 PIPES

LY SIDEMALK IMPROCEMENTS.

PIRTBIKES



**ADDRESS:** 715 OLIVE ROAD

TIME: 8:20-8:40

**CITY LIMITS: NO** 

#### **Location Notes**

County owned lands, extreme headwaters of Carpenter Creek. Highly disturbed wetlands. Exotic and nuisance species. Potential location for innovative stormwater treatement, ecological restoration, and public access.

Field Notes:

HAKK HIMMONITIES, ACOUSTION OF E MORSETTE & WO MARROWEMSONS

MORMATCH BALOK UP INTO ZUKIK PLANTATION. SOLUTION COMME INSTAN SWY POND NI OLIVE RO.

AD LANGE BLACKSIA 75



ADDRESS: JUST SOUTH OF 8011 NALO CREEK LOOP ROAD

TIME: 8:50-9:15

CITY LIMITS: NO

#### **Location Notes**

Lost Creek Subdivision, Access creek from stormwater parcel. Parcel A&B Stormwater retention parcels include portions of creek.

#### **Field Notes**

819 ROOM MERHON

PROPERTY SOMEWHERE + stor, Puno GOND 100 Tree Swallow Dr 110 100 200 300

500 FT

ADDRESS: 7620 HILLBURN AVE

TIME: 9:20-9:30

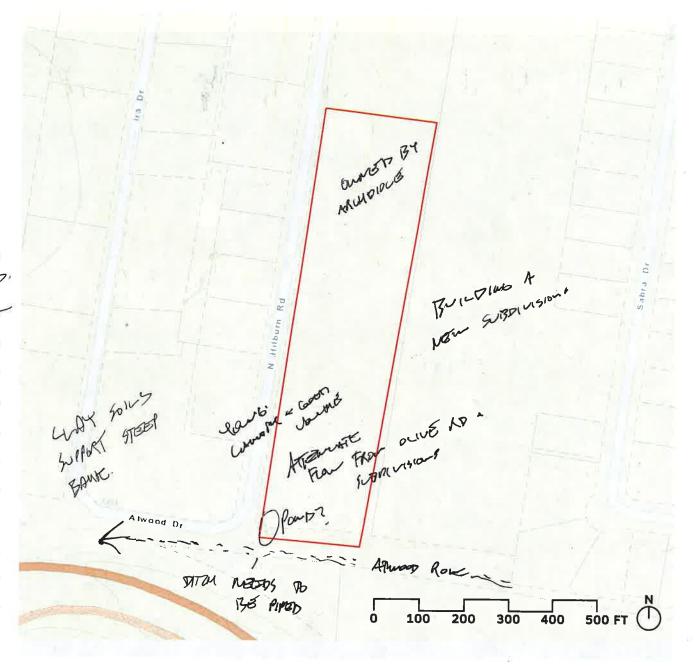
CITY LIMITS: NO

#### **Location Notes**

Near Hillburn and Atwood - potential area for pond retrofit.

#### **Field Notes**

MEGO GONNATOR POUR
ONCE VACAN PARCE
IN ALPH



ADDRESS: SHILOH DRIVE AT INTERSECTION WITH GETTYSBURG DRIVE

TIME: 9:40-9:50

CITY LIMITS: NO

#### **Location Notes**

Oakfield Acres 2. Outfall of old corrugated metal pipe system. Connected to Oakfield Acres 1 (Location 06).

#### **Field Notes**

MODITORINE ST.

CTT OWNS YAR N

OF BRIDE

(BRIDES MAY BE

IN MATERIN PHOTOS)

f. Burgess Rd NO E Surgers Hat Protection Ede Ladr Wetout for ならろん 9 DE BKIS We TRENTING 500 FT 0 100 200 300 400

#### CARRENTED CREEK & BAYOU TEXAR WMP

#### **LOCATION 07**

ADDRESS: ALONG EAST SIDE OF SARAH DRIVE BETWEEN ROYAL LANE AND PRINCE ROAD

TIME: 10:05-10:10

CITY LIMITS: NO

#### **Location Notes**

County park. Evaluate public access/utilization.

Field Notes				
			a.	
			y	
2				



ADDRESS: WESTERN TERMINUS OF VILLAGE OAK DRIVE

TIME: 10:20-11:00

CITY LIMITS: YES

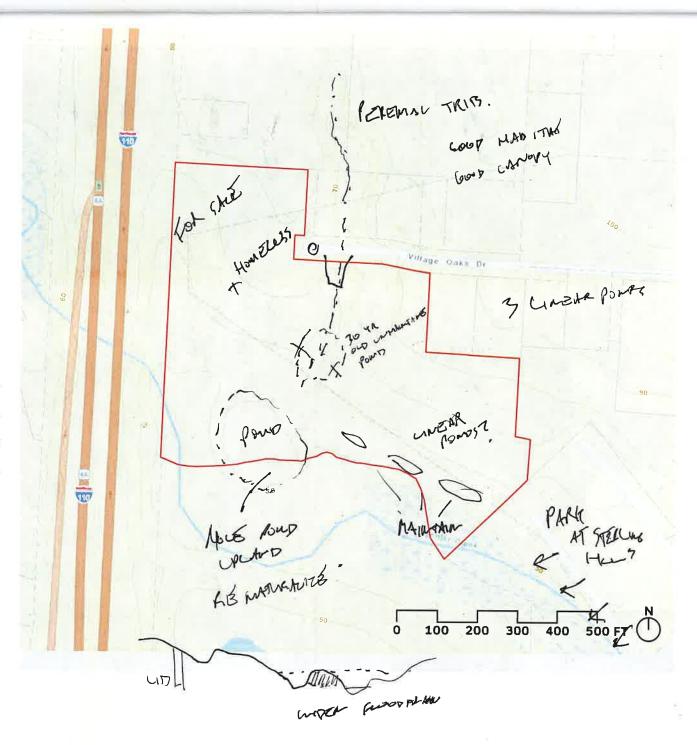
#### **Location Notes**

Privately owned stormwater management system for The Park at Sterling Hills Apartments. In disrepair and needs maintenance. Owner has expressed interest in selling property. County appraisal process started.

Possible point of instability for Carpenter Creek just east of I-110. Potential location for tree preservation, stream restoration, maint. of storm systems. Water management system hasn't been maintained in decades possibly.

#### **Field Notes**

PARK AT STERLING
HILLS



ADDRESS: CARPENTER CREEK BETWEEN DAVIS & AIRPORT BLVD

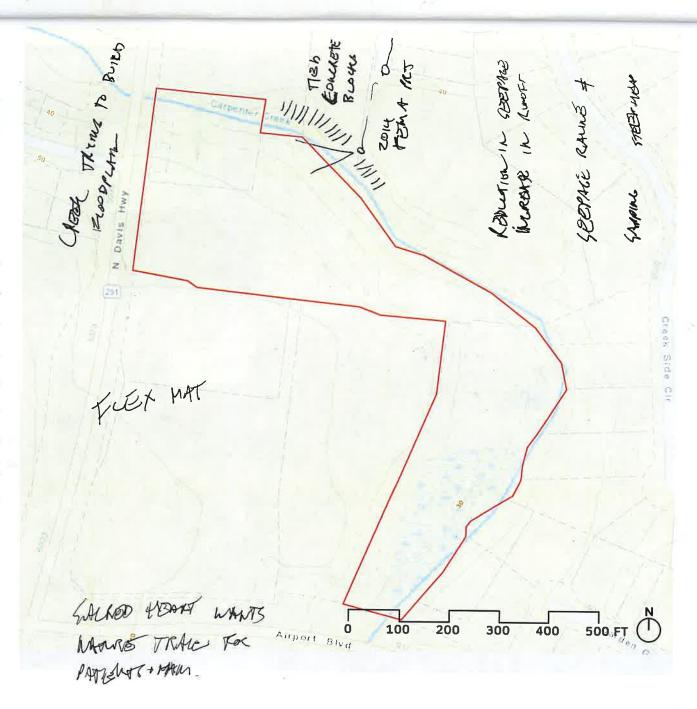
TIME: 11:10-11:30

CITY LIMITS: YES

#### **Location Notes**

Site of Natural Resource Conservation Service Emergency Watershed Project. Stream bank instability. Potential location for stream improvements.

# Field Notes



### **LOCATION 10** ADDRESS: BAYVIEW PARK, 2000 E LLOYD ST

TIME: 11:45-12:30

**CITY LIMITS: YES** 

#### **Location Notes**

City of Pensacola Park/Public Access. City has made several improvements over the last several years. Portions of enhanced living shorelines.

Potential area for public access and utilization, and riparian buffer and enhancements

#### **Field Notes**

Show Thuch BOREL TWISH US.

PLAN YOUR STORBURS



ADDRESS: 17TH AVE BOAT RAMP. N 17TH AVE JUST SOUTH OF CERVANTES AND SOUTH OF GRAFFITI BRIDGE

TIME: 13:00-13:15

CITY LIMITS: YES

#### **Location Notes**

Municipal boat ramp and public access point: Located between Wayside Park (south) and the 17th Ave Stormwater Treatment Project, but there is no connection between systems. Existing infrastructure in poor condition.

Potential location to improve public access and utilization. Consider potential for tying into city site to its north.

#### **Field Notes**




COTRAGOS. RESIDENT DENT WHAT DESCRIBERT - WHOLE IT QUEST

#### **LOCATION 15**

ADDRESS: BAARS PARK. SOUTHERN TERMINUS OF PINTADO DRIVE SOUTH OF KARMICH PLACE.

TIME: 14:10-14:30

**CITY LIMITS: YES** 

#### **Location Notes**

City park. Evaluate public access/ utilization. Historic dump.

Field Notes		
	-	
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ADDRESS: SPRINGHILL MOVIE THEATER 1. 5149 BAYOU BLVD.

TIME: 15:20-15:50

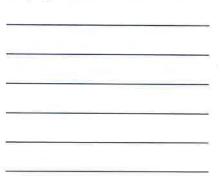
CITY LIMITS: YES

#### **Location Notes**

Evaluate stream condition/potential Improvements. Stream bank erosion due to below-grade stormwater outfall behind movie theater. Buried infrastructure on west bank, as well as stability issues. Potentially an archaeologically significant site nearby.

#### Field Notes

5/70 SPRIMONIU DR DEED SLAK MOLE





ADDRESS: SPRINGHILL MOVIE THEATER 1. 5149 BAYOU BLVD.

TIME: 15:20-15:50

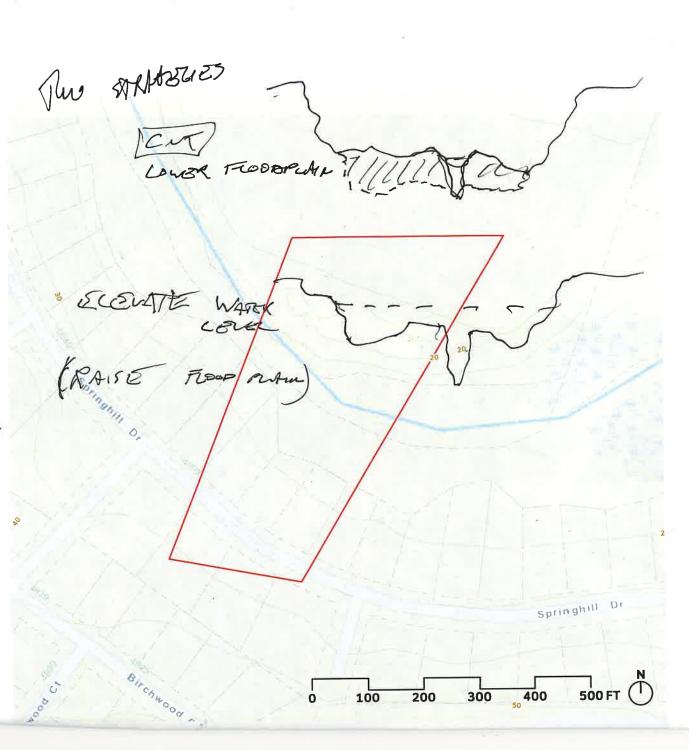
CITY LIMITS: YES

#### **Location Notes**

Evaluate stream condition/potential improvements. Stream bank erosion due to below-grade stormwater outfall behind movie theater. Buried infrastructure on west bank, as well as stability issues. Potentially an archaeologically significant site nearby.

#### **Field Notes**

5/70 GPRINGHILL DR



ADDRESS: CSX CROSSING OVER BAYOU TEXAR. N 17TH AVE.

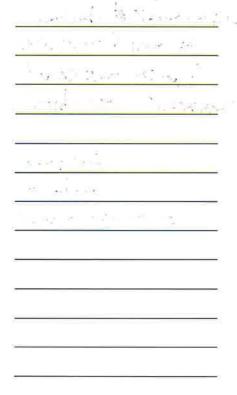
TIME: 13:15-13:30

CITY LIMITS: YES

#### **Location Notes**

Evaluate possible channel improvements to improve tidal exchange and water quality of Bayou

#### Field Notes





ADDRESS: WESTERN TERMINUS OF HYDE PARK ROAD.

TIME: 13:40-14:00

CITY LIMITS: YES

#### **Location Notes**

Evaluate public access/utilization.

#### **Field Notes**

Bayou + outfalk

protection district,
new home, here to
develop & storewater
plan for first 1"
on all imperviours
(layer in cityliew)



ADDRESS: WESTERN TERMINUS OF HYDE PARK ROAD.

TIME: 13:40-14:00

CITY LIMITS: YES

### **Location Notes**

Evaluate public access/utilization.

### **Field Notes**

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CARPENTER CREEK & BAYOU TEXAR WMP February 18, 2020

We was LOCATION 15

ADDRESS: BAARS PARK, SOUTHERN TERMINUS OF PINTADO DRIVE SOUTH OF KARMICH PLACE.

TIME: 14:10-14:30

CITY LIMITS: YES

#### **Location Notes**

City park. Evaluate public access/utilization. Historic dump.

### **Field Notes**

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ADDRESS: BAARS PARK, SOUTHERN TERMINUS OF PINTADO DRIVE SOUTH OF KARMICH PLACE.

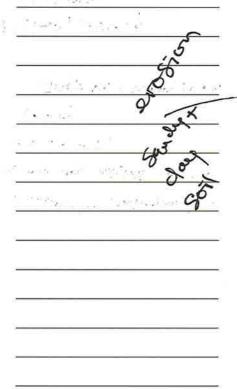
TIME: 14:10-14:30

CITY LIMITS: YES

### **Location Notes**

City park. Evaluate public access/ utilization. Historic dump.

### **Field Notes**





ADDRESS: 9TH AVE TO TARGET, 4751 BAYOU BLVD. BEHIND WINN DIXIE.

TIME: 14:40-15:10

CITY LIMITS: YES

#### **Location Notes**

Evaluate stream condition/potential improvements. Carpenters Creek Mill.

#### **Field Notes**

Relatively unimpacted
Good age distribution
of frees,
ferory
Virginia Chain Fern
Piner-glash, loblolly
blackum
Cherry lawel (wild)



ADDRESS: 9TH AVE TO TARGET. 4751 BAYOU BLVD. BEHIND WINN DIXIE.

TIME: 14:40-15:10

CITY LIMITS: YES

### **Location Notes**

Evaluate stream condition/potential improvements. Carpenters Creek Mill.

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ADDRESS: SPRINGHILL MOVIE THEATER 1. 5149 BAYOU BLVD.

TIME: 15:20-15:50

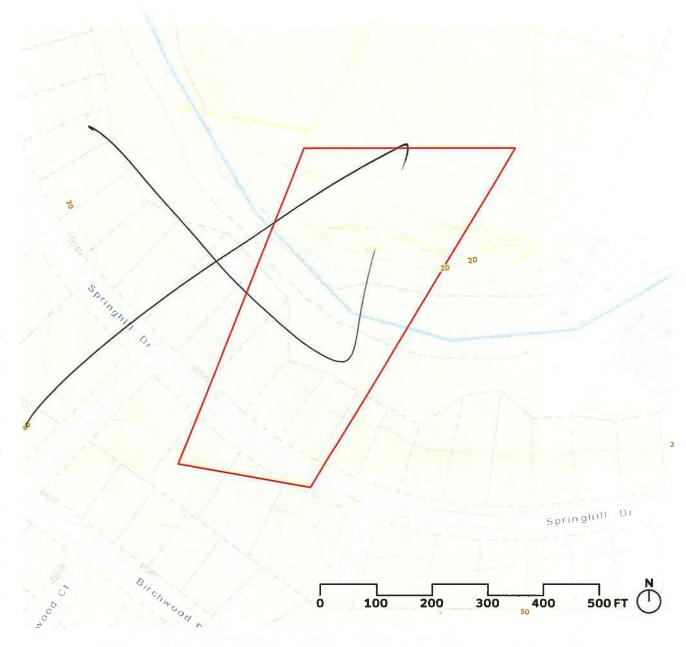
CITY LIMITS: YES

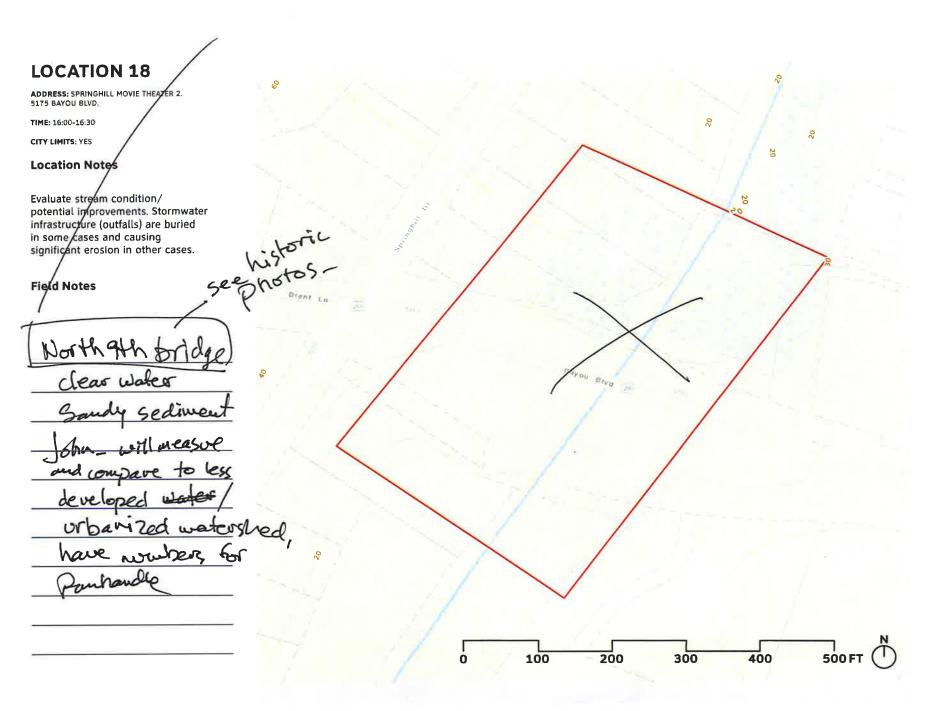
#### **Location Notes**

Evaluate stream condition/potential improvements. Stream bank erosion due to below-grade stormwater outfall behind movie theater. Buried infrastructure on west bank, as well as stability issues. Potentially an archaeologically significant site nearby.

### **Field Notes**

Alt site-5170 springhall Dr.







# **VOLUME 1A APPENDIX B**

# PUBLIC MEETING PRESENTATION



# CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN **FEBRUARY 19, 2020**





MATT POSNER
RESTORE PROGRAM
MANAGER



TERRI BERRY
ENVIRONMENTAL PROJECT
COORDINATOR



BRENT WIPF
WATER QUALITY & LAND
MANAGEMENT MANAGER

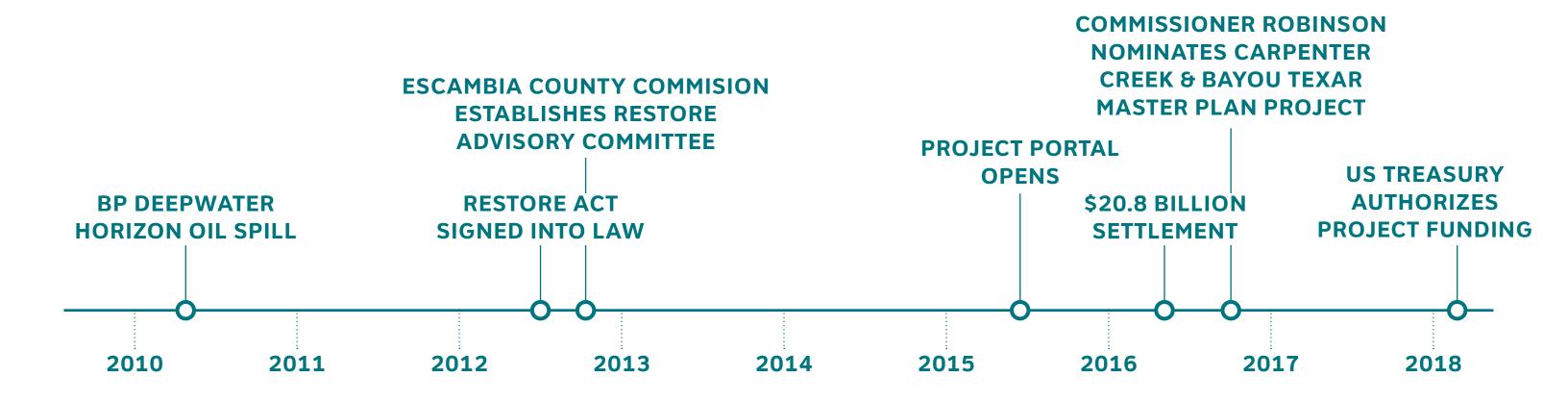






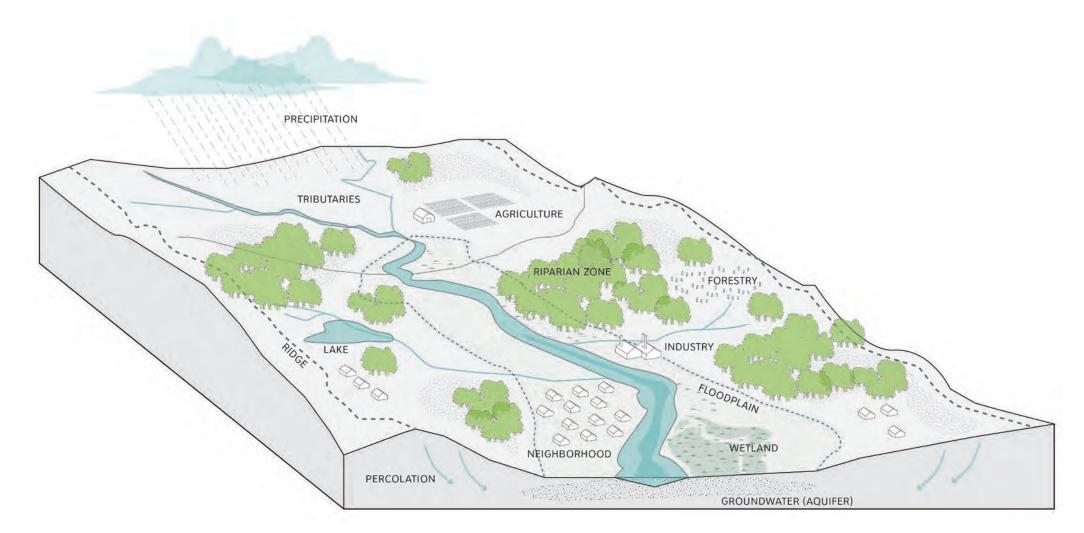
# **RESTORE ACT**

The RESTORE Act dedicates 80 percent of all administrative and civil penalties related to the Deepwater Horizon spill to restore and protect the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, coastal wetlands, and economy of the Gulf Coast region.



# WHAT IS A WATERSHED?

A watershed is an area of land that drains all of its streams and rainfall to a common outlet, such as the mouth of a bay or a point along a stream's channel.











### WHAT IS A WATERSHED MANAGEMENT PLAN?

A watershed plan is a strategy and a work plan for achieving water resource goals that provides assessment and management information for a geographically defined watershed.

It includes the analyses, actions, participants, and resources related to development and implementation of the plan.









# **TODAY'S WORKSHOP**

- Discuss the Watershed Management Plan and our next steps in the process.
- Gather expert knowledge and information for further analysis.
- Listen to histories, stories, and anecdotes about the cultural and social significance of the creek and bayou.
- Share preliminary watershed insights.









# MEET THE TEAM

# wood.



CHRISTINE MEHLE PROJECT MANAGER



JEANETTE KELSON
ASSISTANT PROJECT
MANAGER / SENIOR
ENGINEER



JOHN KIEFER
BIOPHYSICAL
ENGINEER AND
TECHNICAL ADVISOR



MARY SZAFRANIEC
WATER QUALITY
TECHNICAL LEAD







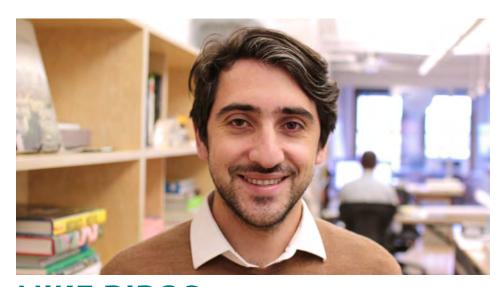
### SCAPE LANDSCAPE ARCHITECTURE DPC



GENA WIRTH
PRINCIPAL IN CHARGE



LEE ALTMAN
PROJECT MANAGER



MIKE BIROS LEAD DESIGNER





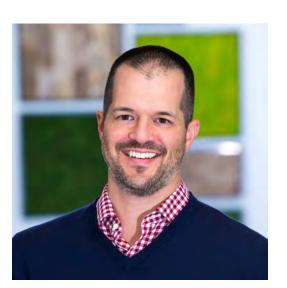




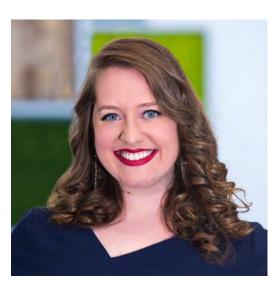




KEITH JOHNSON ENVIRONMENTAL SCIENTIST



TRAVIS PETERSON
COMMUNITY
ENGAGEMENT



BROOKE FLEMING COMMUNITY ENGAGEMENT







### PREVIOUS AND ONGOING EFFORTS:

- Emerald CoastKeeper
- University of West Florida
- The Bream Fishermen Association
- Panhandle Watershed Alliance
- Local advocates, activists, and public officials









# PROJECT GOALS



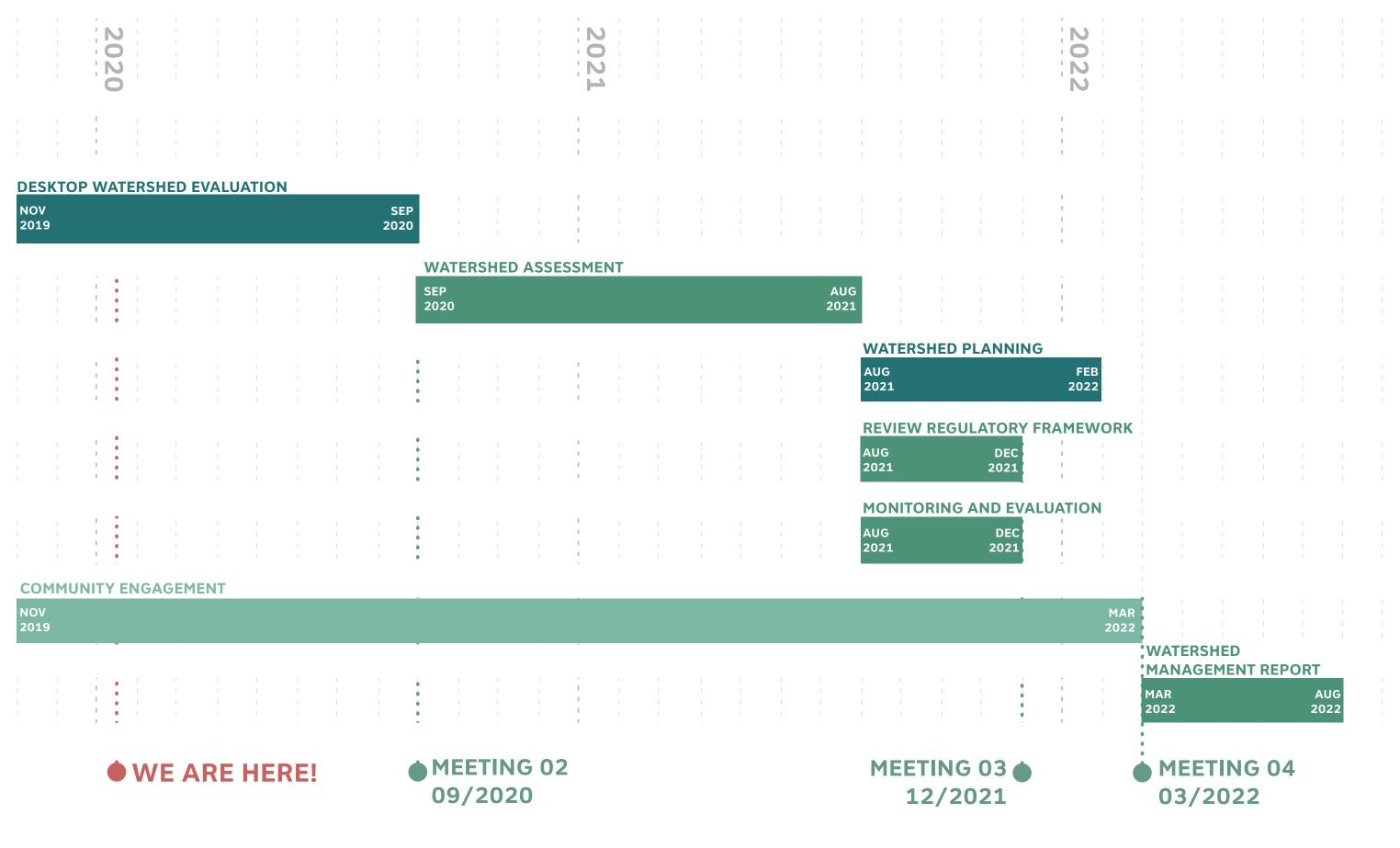








# PROJECT TIMELINE



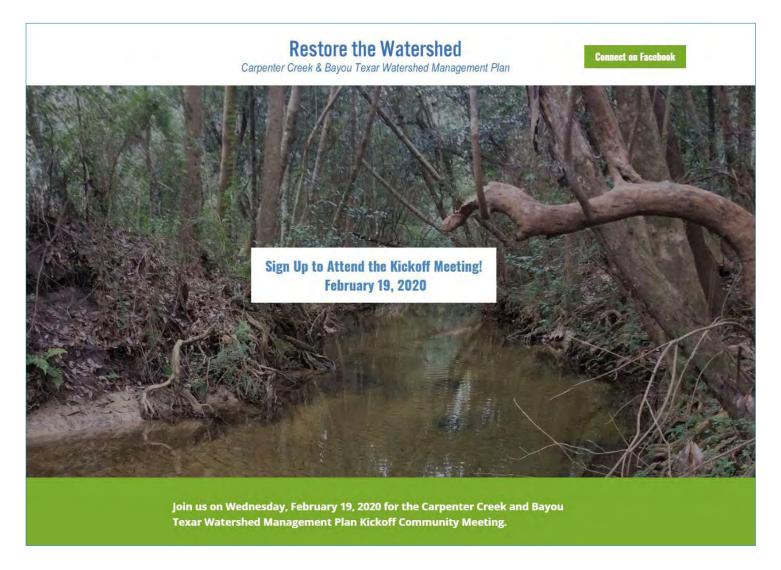


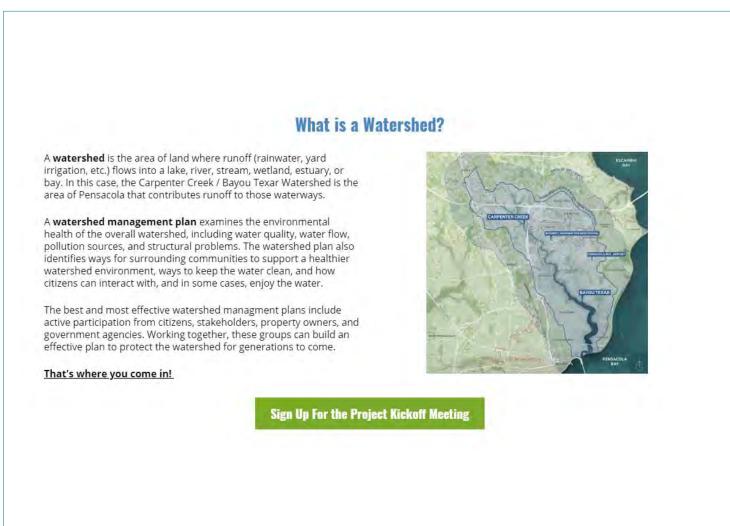






# **VISIT THE WEBSITE AT:** RESTORE THE WATERSHED.COM





### SIGN UP FOR THE PROJECT NEWSLETTER AND STAY IN TOUCH ON SOCIAL MEDIA!





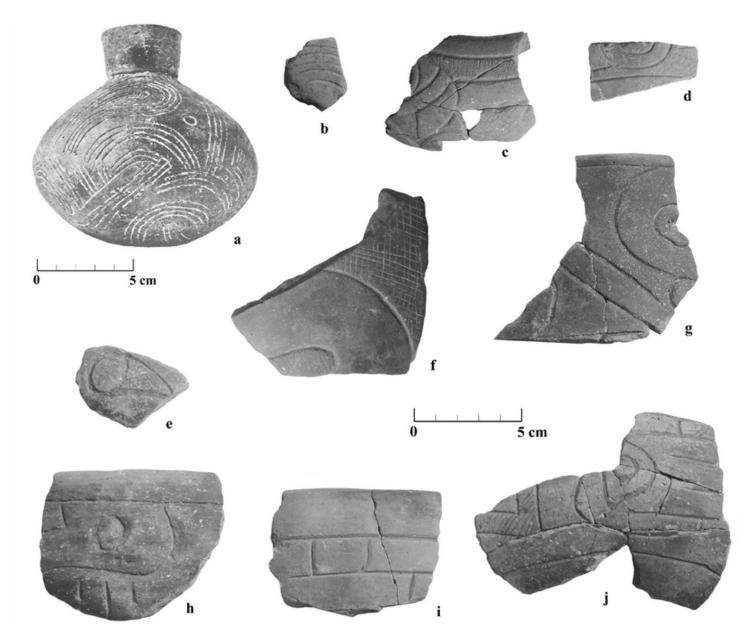






# THE CARPENTER CREEK/ BAYOU TEXAR STORY

# INDIGENOUS PEOPLES - PENSACOLA CULTURE 1100-1700 CE



- **Pensacola Culture Ceramics from Mobile Bay**
- Source: www.aaanativearts.com/pensacola-indians Source: Pensacola Historic Trust

- Mixture of Late Woodland period Weeden Island culture and Mississippian culture from north.
- Bottle Creek site near
   Mobile Bay is largest
   Pensacola culture site.
- Relied more on coastal resources than agriculture.
- Shell middens and pottery fragments found in watershed.





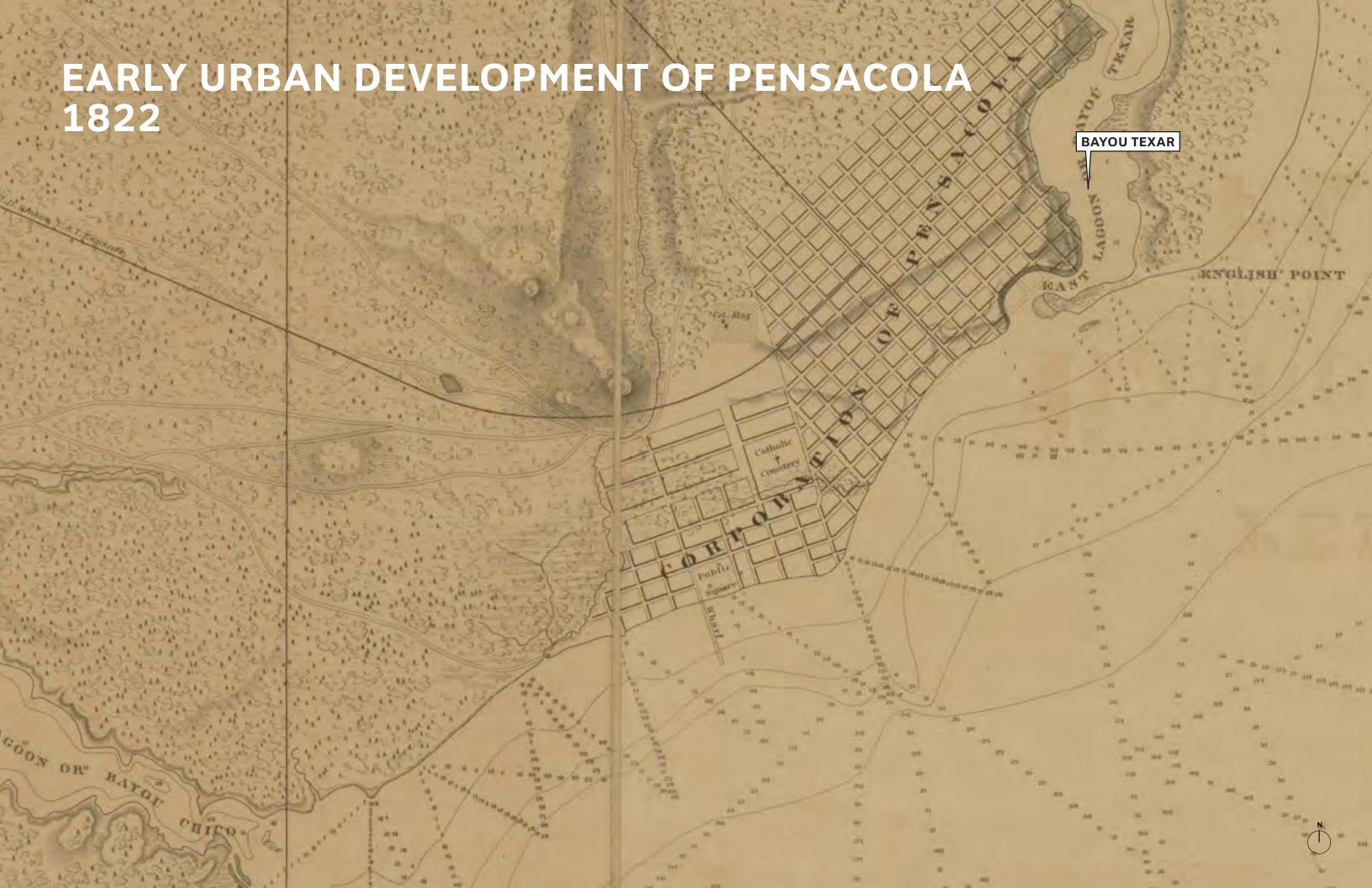
### LUNA SETTLEMENT 1559-1561

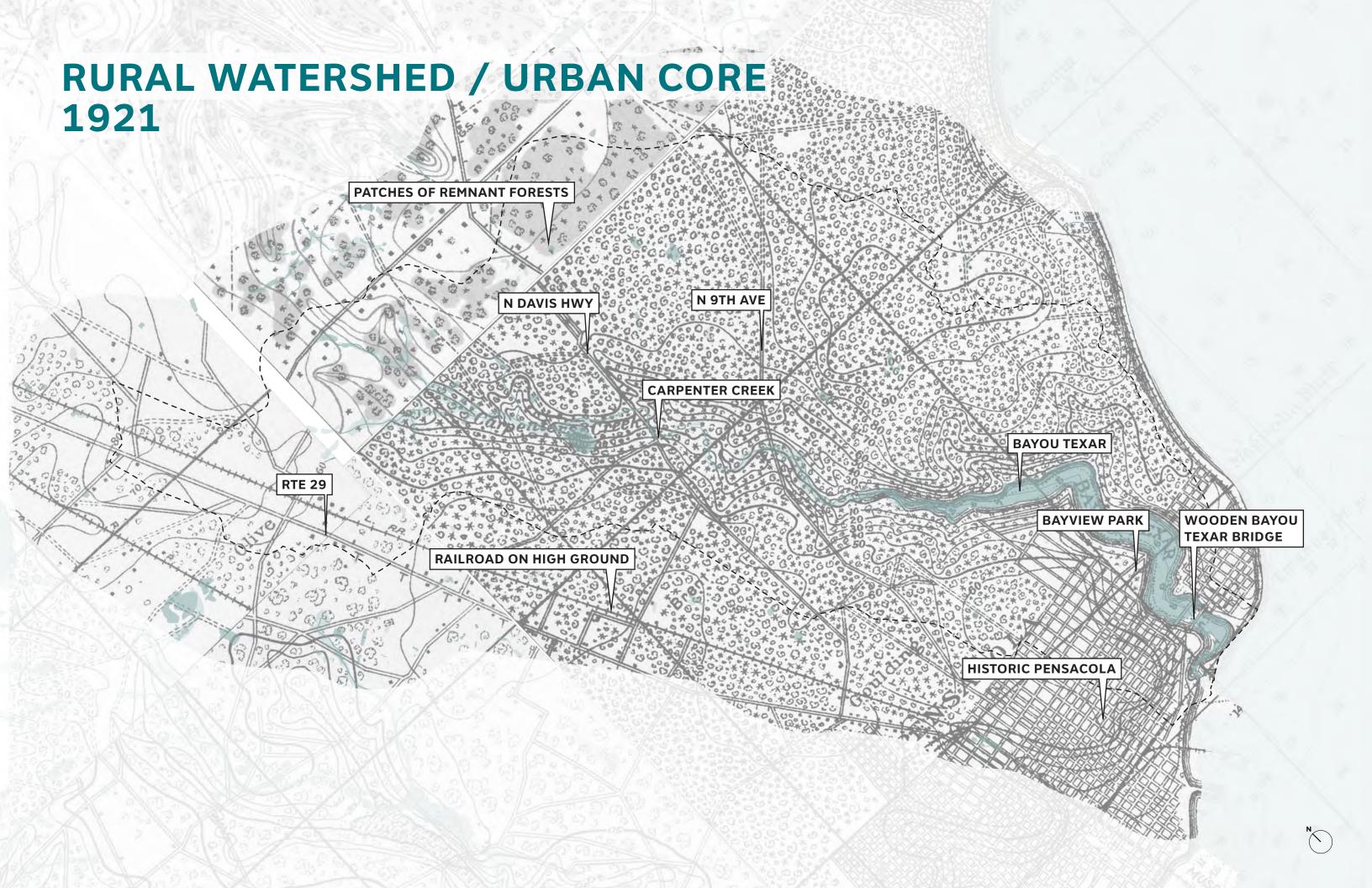


Painting by Herbert Rudeen (1888-1985)



**Anchor from Emanuel Point Shipwreck** 





### HISTORIC USE OF CREEK AND BAYOU



**Group Swimming at Bayview Park, Unknown Date** 



**Sawmill on Carpenter Creek, 1925** 

Source: Florida Memory - State Library and Archives of Florida







### **PUBLIC GATHERING**

"There was a famous swimming hole called 'Aunt Jenny's Hole' owned by a black family.

Blacks and whites congregated there, and swam together. This creek has a lot of meaning to the history of Pensacola.

We need to tell that history."

Pensacola City Councilwoman Sherri Myers



# **PUBLIC GATHERING**



**Boat House on Bayou Texar, 1880** 



**Independence Day at Bayview Park, 1908** 











# EARLY EXPANSION ALONG ROADS AND RAILROADS 1944 **NEW AIRPORT** N DAVIS HWY N 9TH AVE **FORESTED CREEK GULLIES CLEARCUT HIGH GROUND CARPENTER CREEK BAYOU TEXAR NEW BRIDGES RTE 29 DEVELOPMENT ALONG ROADS** INDUSTRY NEAR RAILROAD

# **PASSIVE RECREATION**



Bayou Texar, 1973



Bayou Texar, early 1900s







# **ACTIVE RECREATION**



**Bayou Texar Ski Club** 



**Bayview Park 30ft diving platform** 









# **BRIDGE CONSTRUCTION**



**Construction of Bayou Texar Bridge, 1955** 



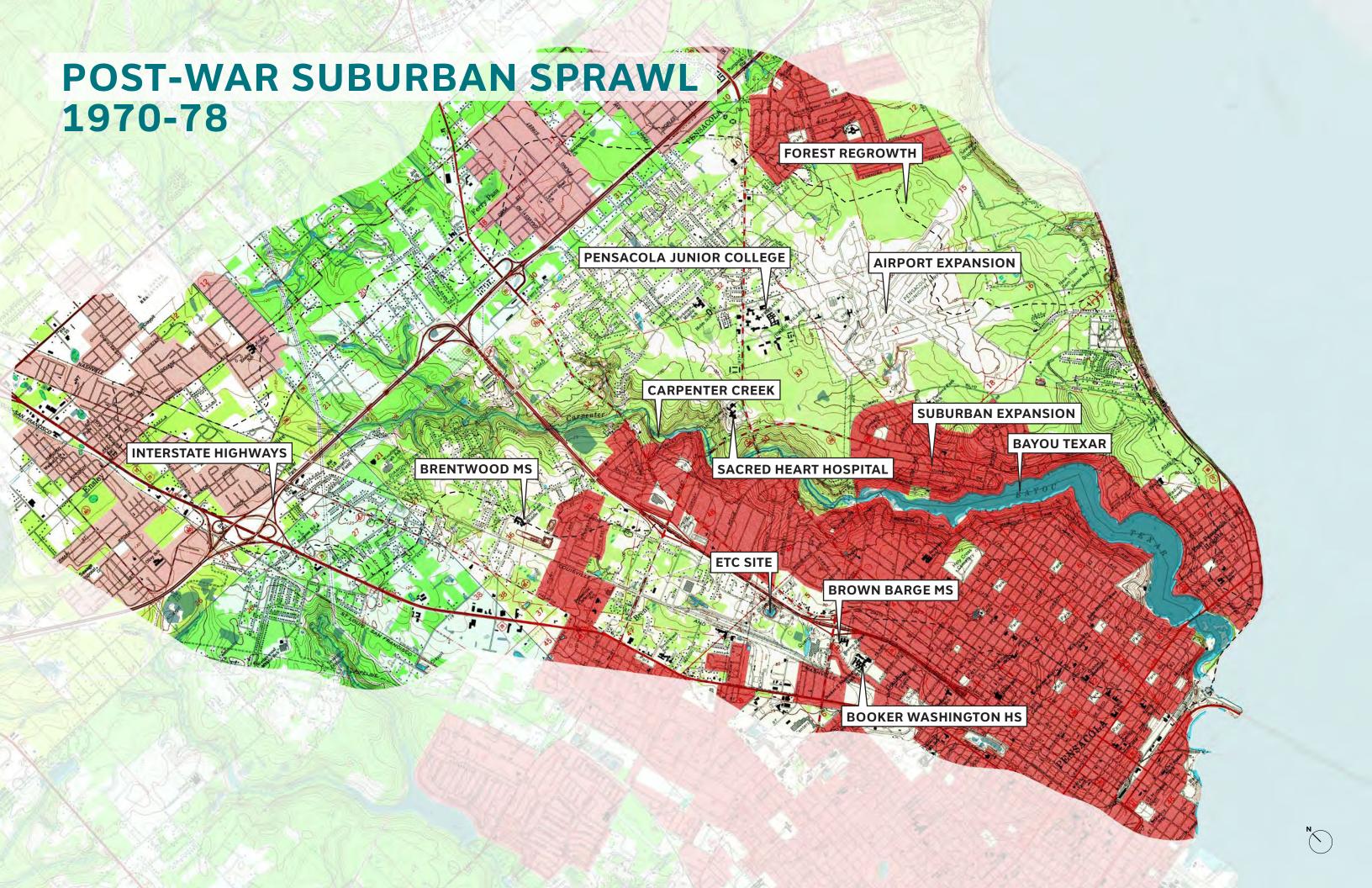
**Construction of Bayou Texar Bridge, 1955** 

Source: Florida Memory - State Library and Archives of Florida









"The creek used to be crystal clear with a gravel bottom. It had runs, riffles, pools and glides. Some pools were 4-8' deep with runs through narrow banks such that a grown man could stand in the creek and touch both banks from the center."

Bream Fishermen Association Newsletter



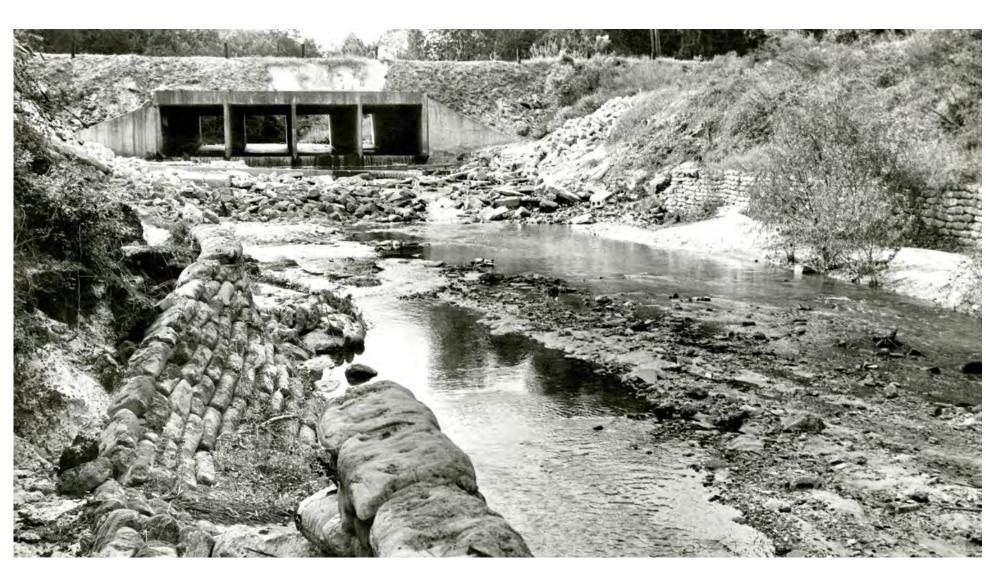
"Today the creek is less than 2' deep and sands have smothered the gravel bars leaving a wide and scoured system. Many of the remaining native species have been displaced by invasive non-native species."

Bream Fishermen Association Newsletter





**Sewage Discharge into Carpenter Creek, 1976** 



Hardened Banks and Box Culvert on Carpenter Creek, 1978

Source: UWF Archives



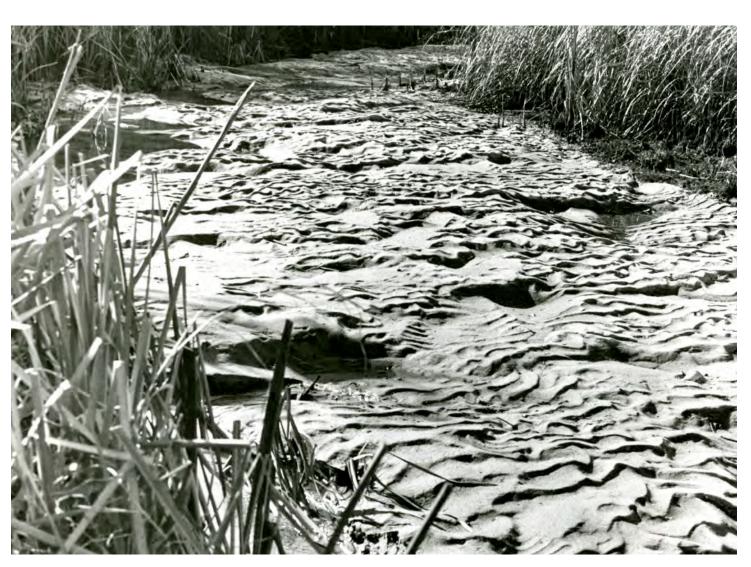








**Streambank Hardening, 1976** 



**Sedimentation in Carpenter Creek, 1977** 

Source: UWF Archives









**Army Corps dredging of Bayou Texar, 1982** 



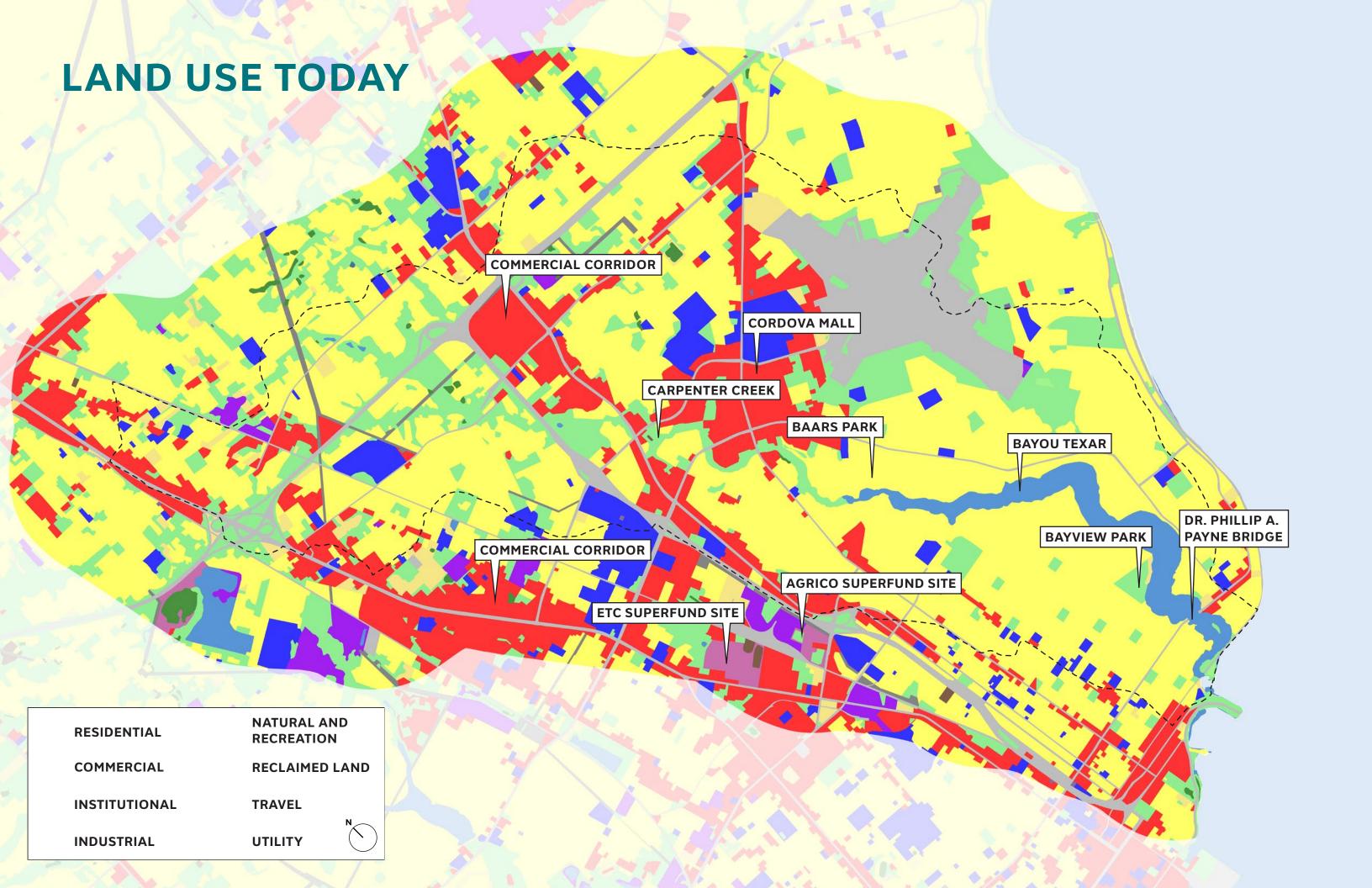
Removing sandbar near Bayview Park, 1985

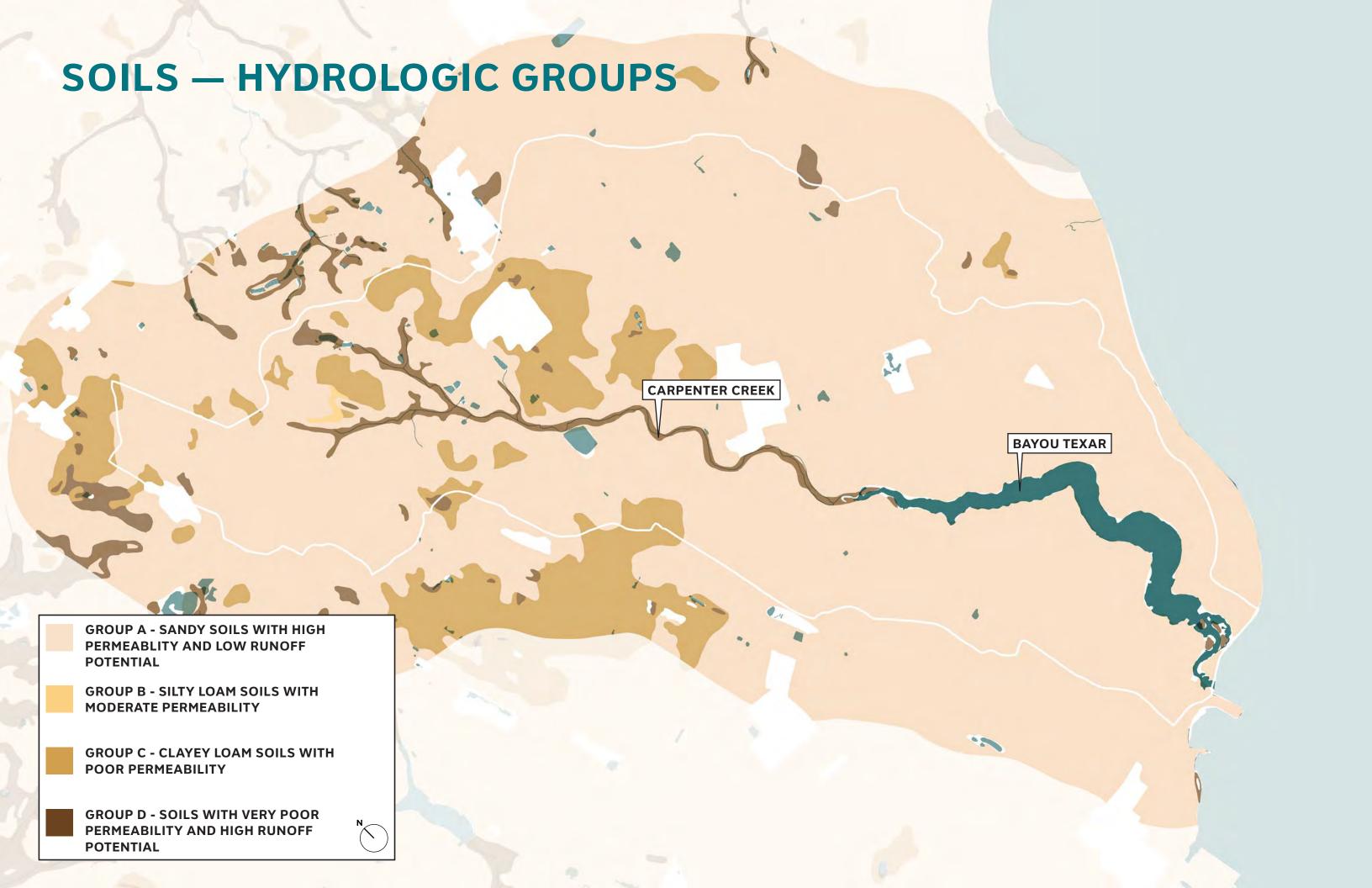
Source: UWF Archives











# **SOILS — HIGHLY PERMEABLE SANDS**



**Restoration Work by County Crews** on Carpenter Creek, 1976







# ECOLOGY — REMNANT PATCHES CARPENTER CREEK SALTWATER MARSH BAYOU TEXAR **FORESTED FRESHWATER WETLANDS UPLAND FORESTS SALTWATER FRESHWATER MARSH SALWATER MARSH**

# **ECOLOGY — REMNANT PATCHES**



**Construction of Grocery Store next** to Carpenter Creek, 1975







# STATE OF THE WATERSHED

# **BY THE NUMBERS:**

- The Carpenter Creek watershed is approximately 6,760 acres, or 10.5 square miles
- The Bayou Texar watershed includes approximately an additional 5,266 acres or 8.2 square miles
- Combined area: approx. 12,026 acres or 18.7 square miles









# **EXISTING CONDITIONS:**

- Water quality in both creek and bayou is impaired (Florida DEP)
- Stormwater infrastructure is aging and vulnerable to storms
- Legacy contamination of heavy metals and pesticides in bayou sediments
- Majority of the watershed is urbanized / built up
- Fragmented ecosystems
- Stream banks suffer from erosion or are hardened
- Few public access points available









# **FUTURE OPPORTUNITIES:**

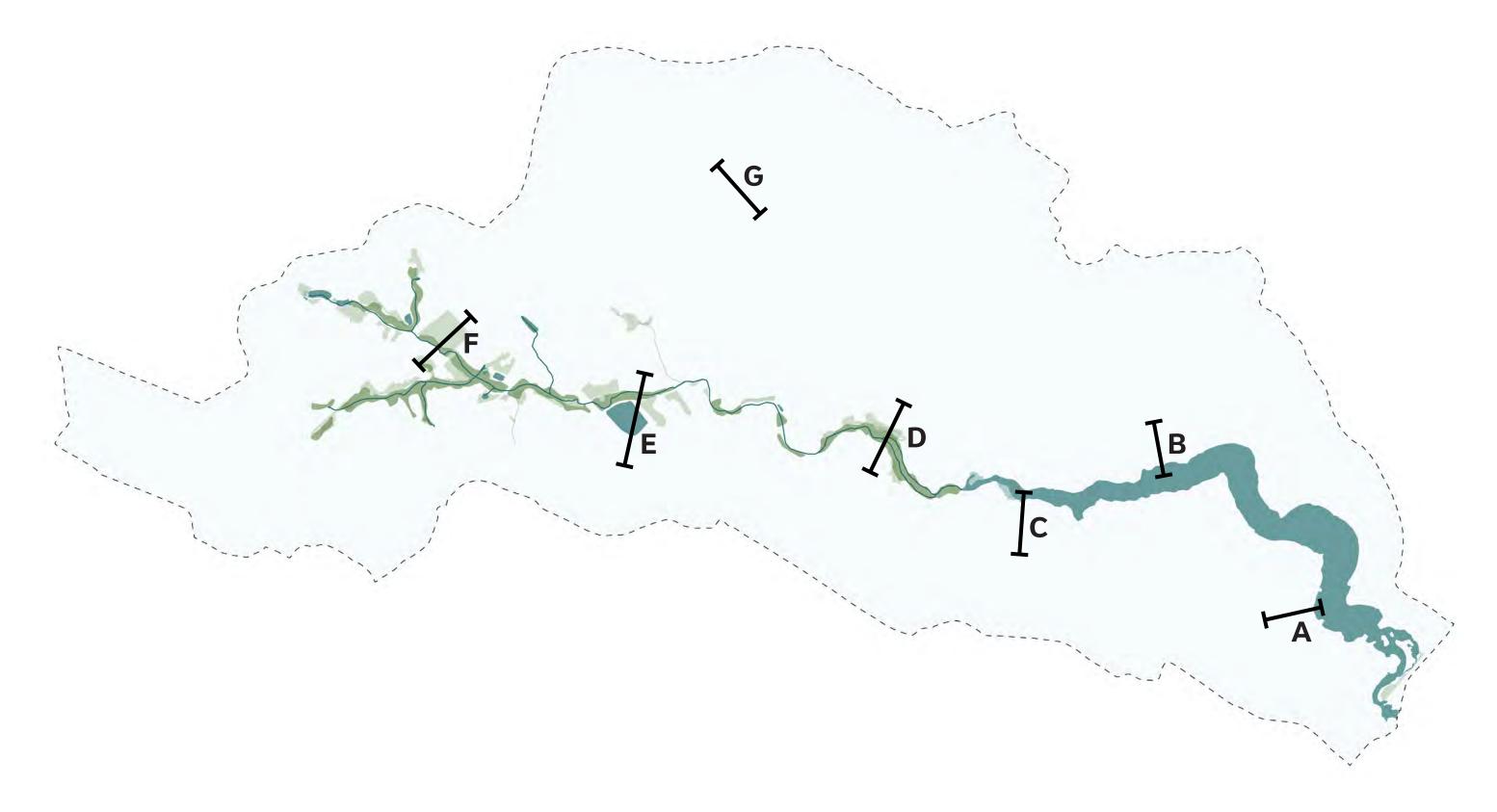
- Creek and Bayou waters are (and have always been) public!
- Rich history and cultural resources
- Green infrastructure
- Diverse local ecology and assets
- RESTORE funding available for key improvements





# A WALK THROUGH THE WATERSHED

### TYPICAL CONDITIONS THROUGHOUT THE WATERSHED



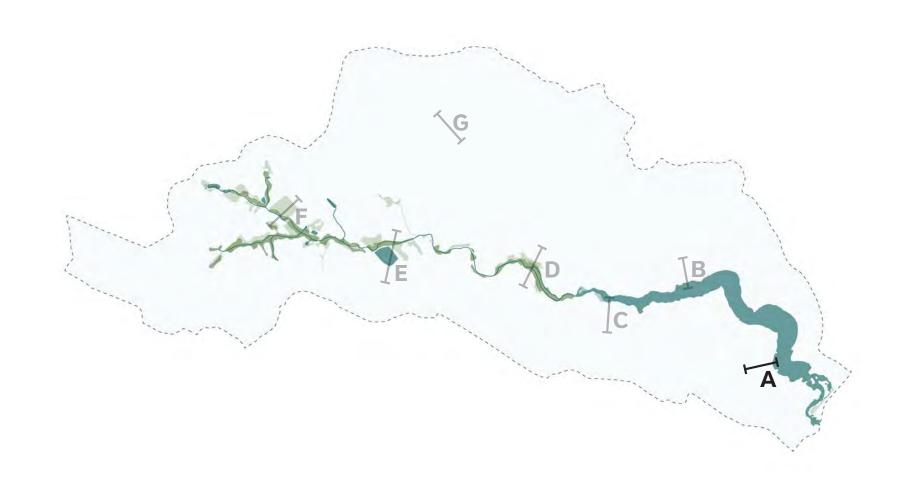




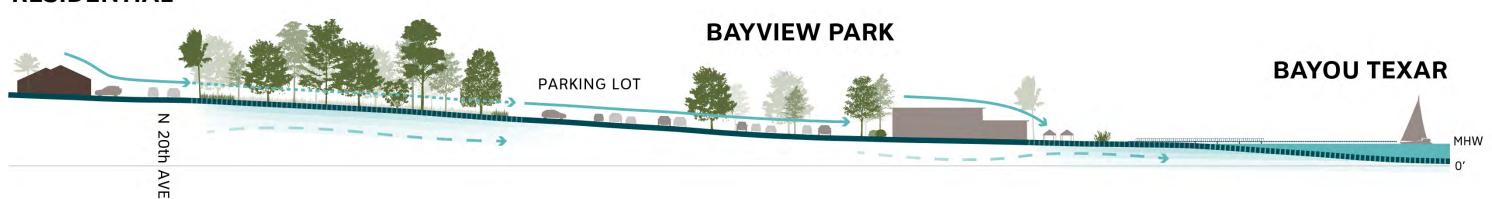




### **PUBLIC WATERFRONT - BAYVIEW PARK**



#### **RESIDENTIAL**



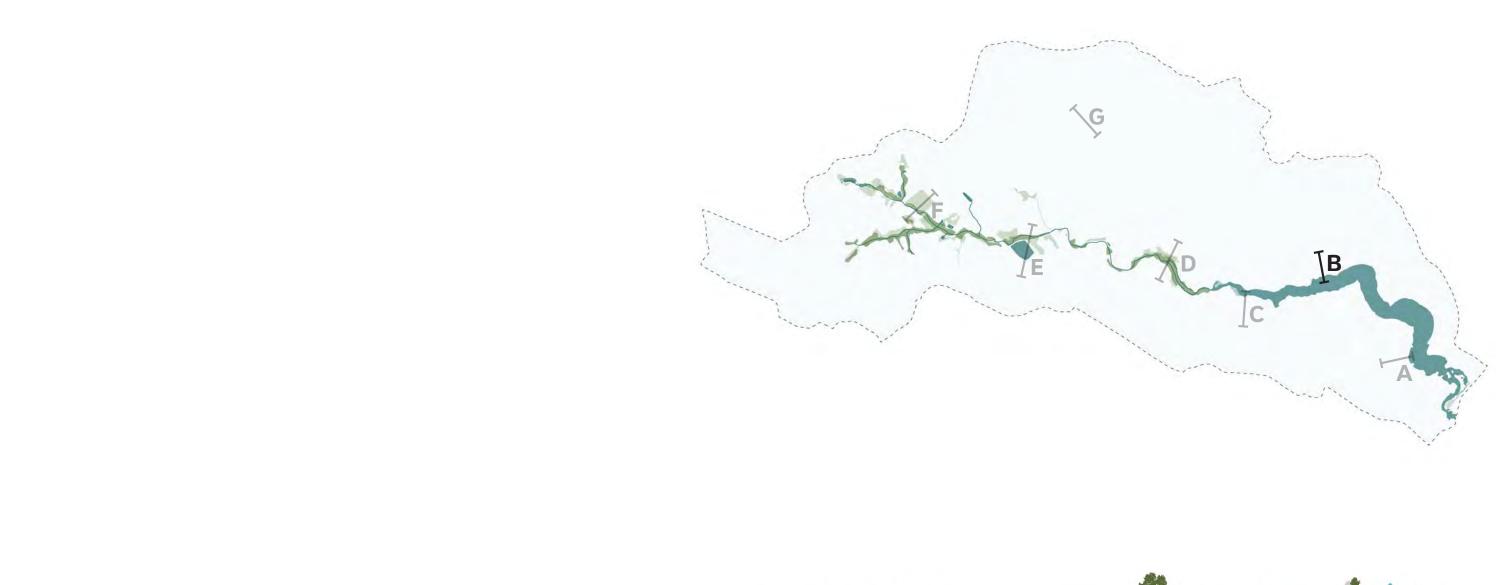


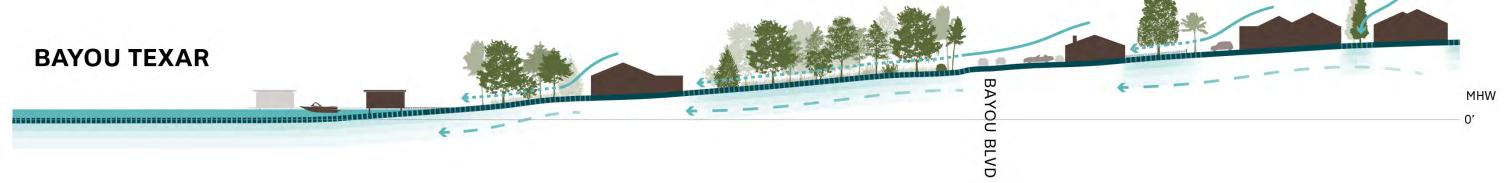






### **PRIVATE WATERFRONT - HOMES ALONG BAYOU BLVD**









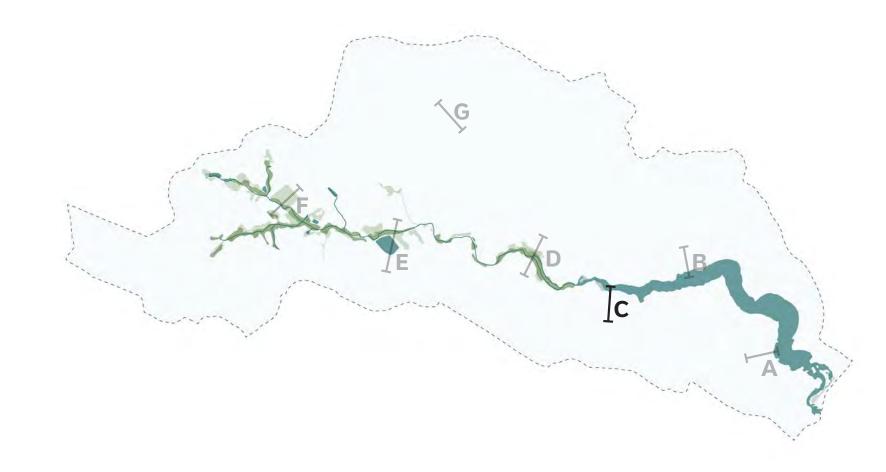


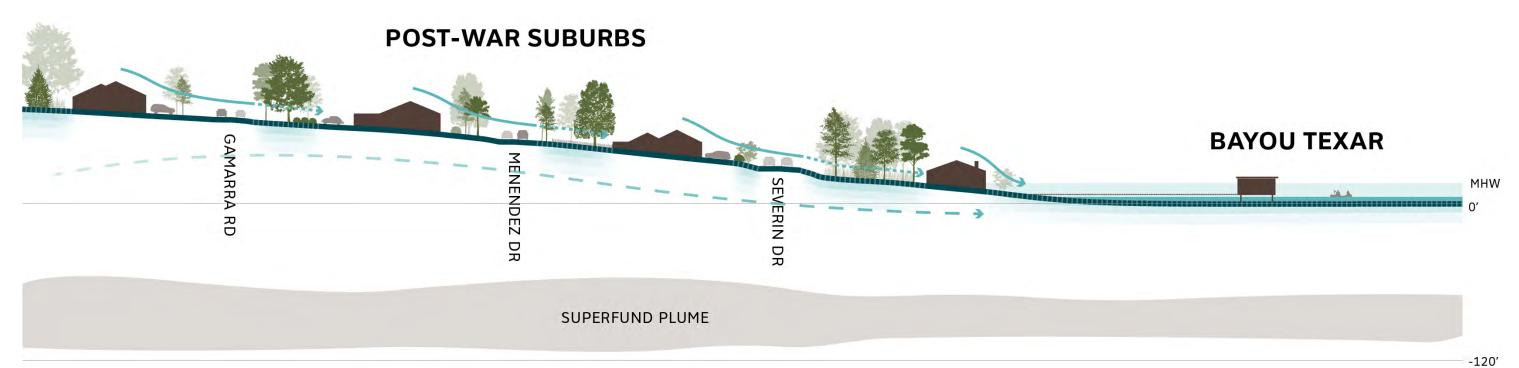






### PRIVATE WATERFRONT - BACKYARD CREEK







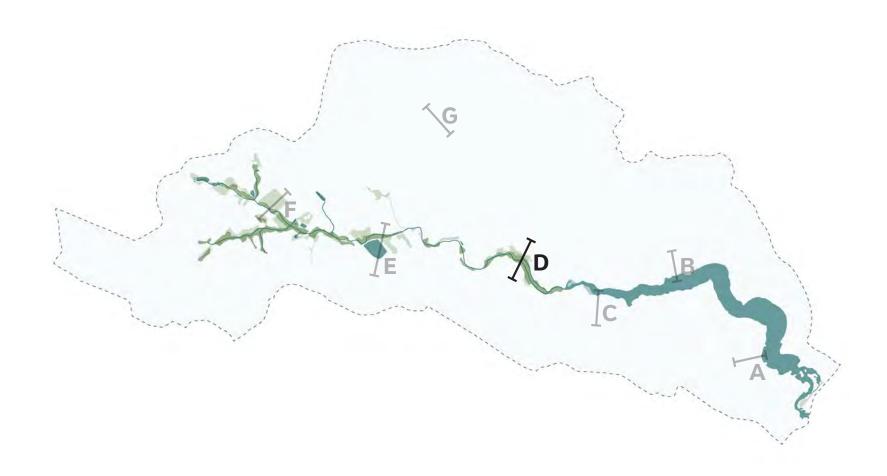


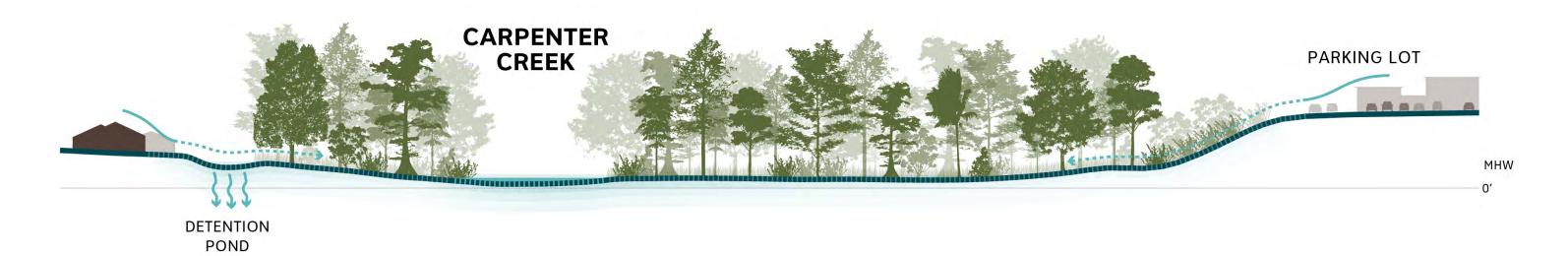






### **NON-POINT SOURCES - POLLUTION FROM PARKING LOTS**









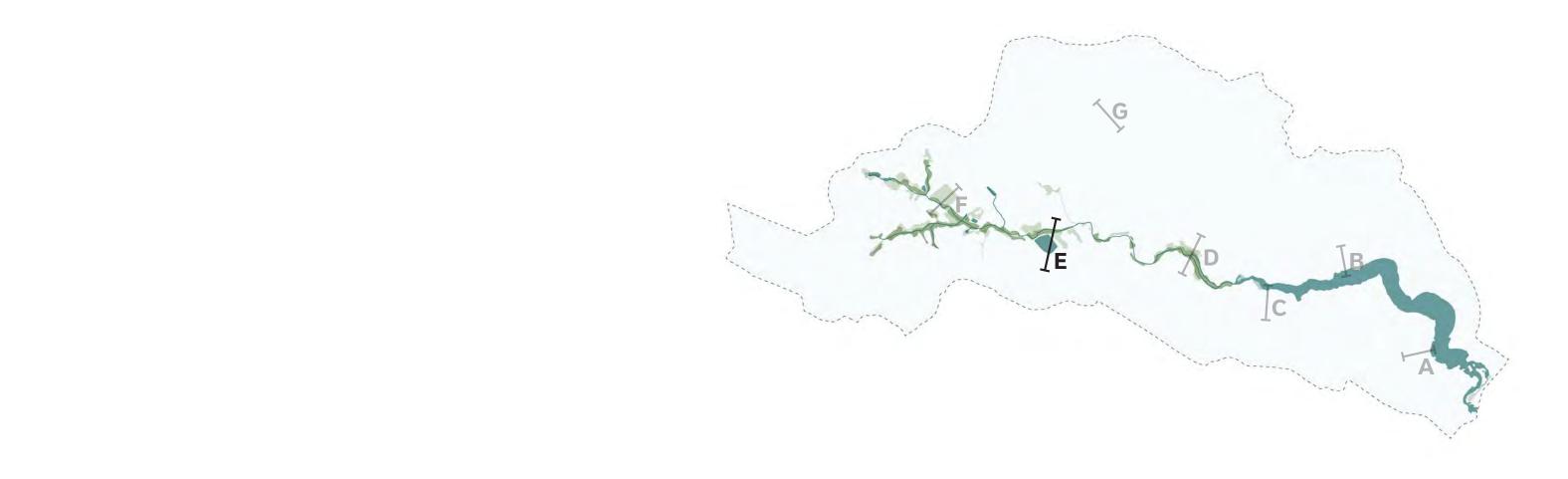


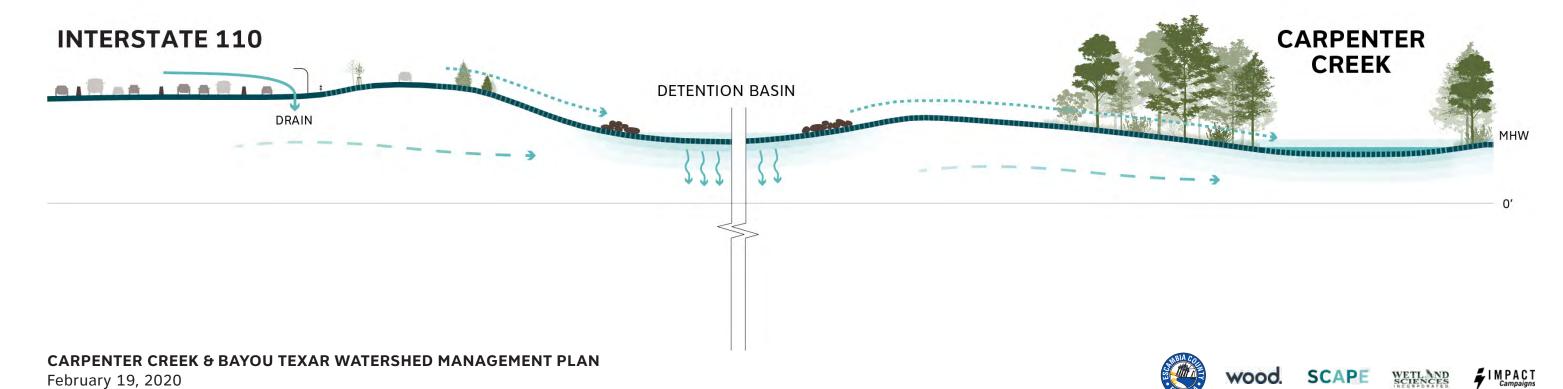






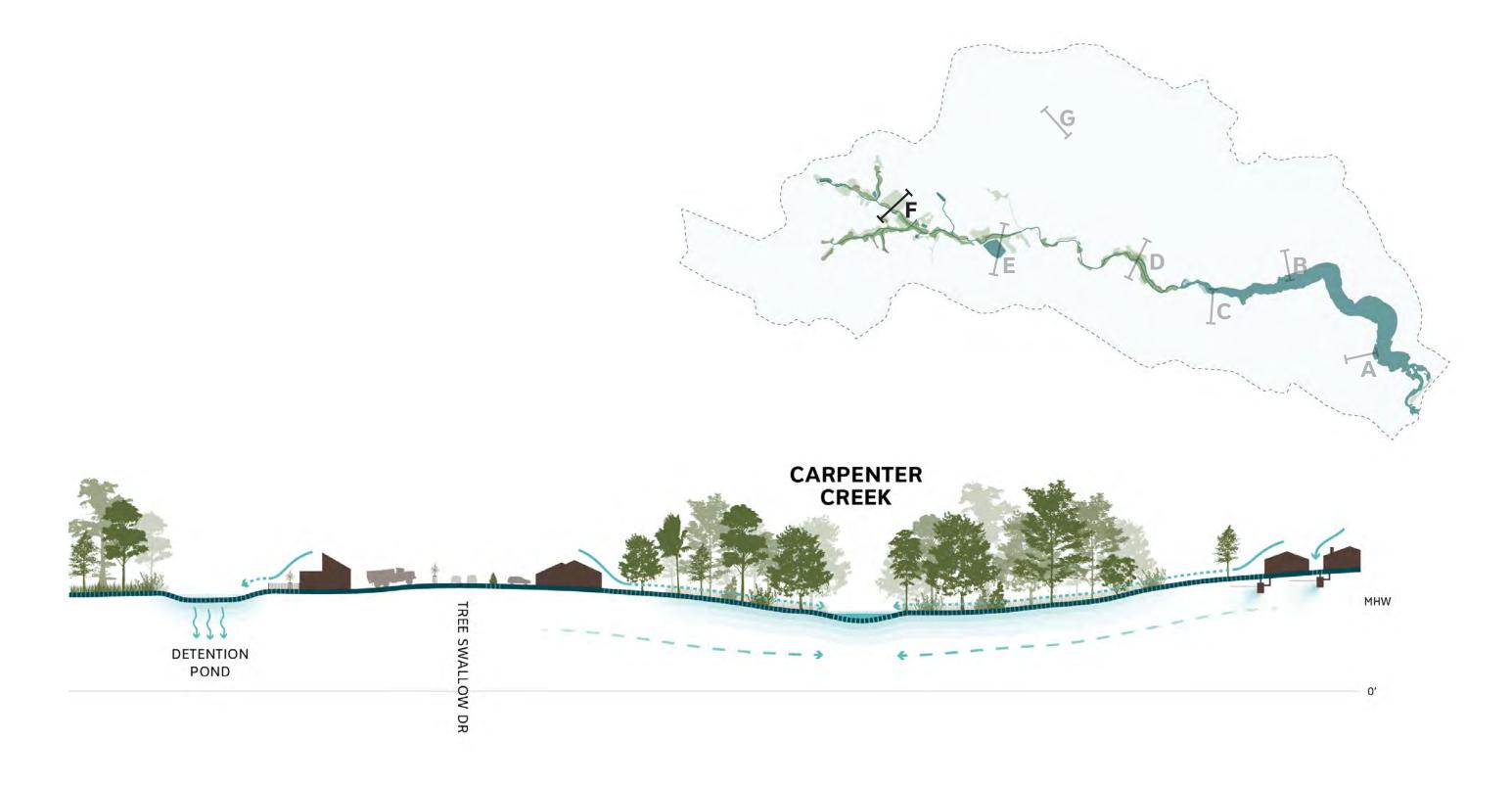
### **BIG INFRASTRUCTURE - HIGHWAYS AND DETENTION BASINS**







### **CREEK HEADWATERS**





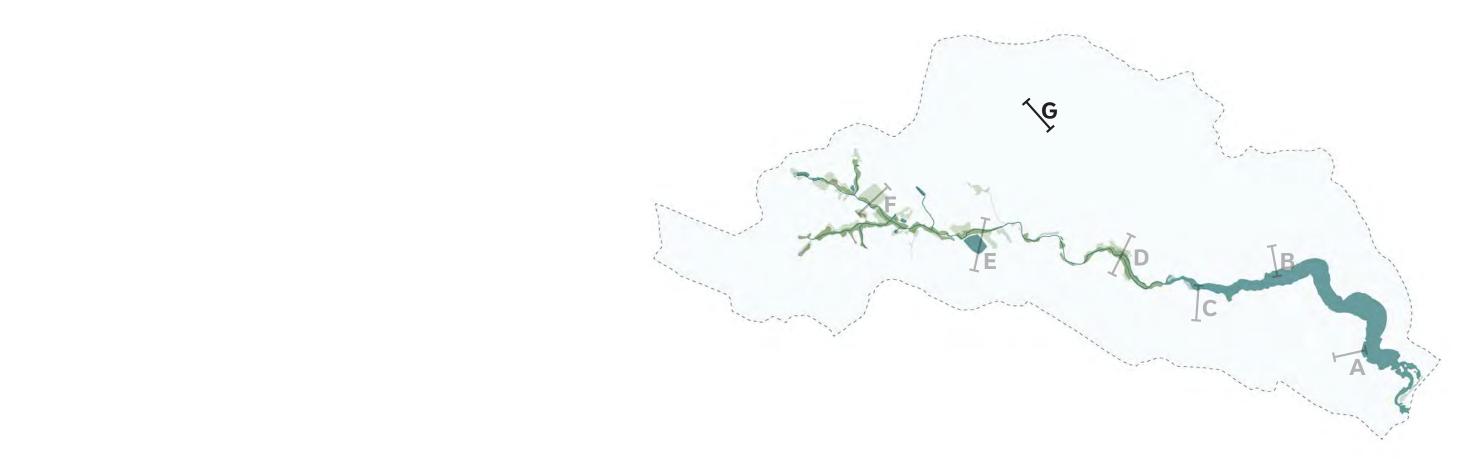








#### **UPPER WATERSHED - FROM BOGS TO BASINS**

















# TODAY'S WORKSHOP

#### **TODAY'S WORKSHOP**

- Discuss the Watershed Management Plan and our next steps in the process.
- Gather expert knowledge and information for further analysis.
- Listen to histories, stories, and anecdotes about the cultural and social significance of the creek and bayou.
- Share preliminary watershed insights.









#### SHARE YOUR KNOWLEDGE! - ANSWER THE QUESTIONNAIRE



**CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN** February 19, 2020









#### SHARE YOUR KNOWLEDGE! - FLAG THE MODEL



CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN February 19, 2020











#### **SHARE YOUR KNOWLEDGE! - ADD TO THE MAPS**



**CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN** February 19, 2020

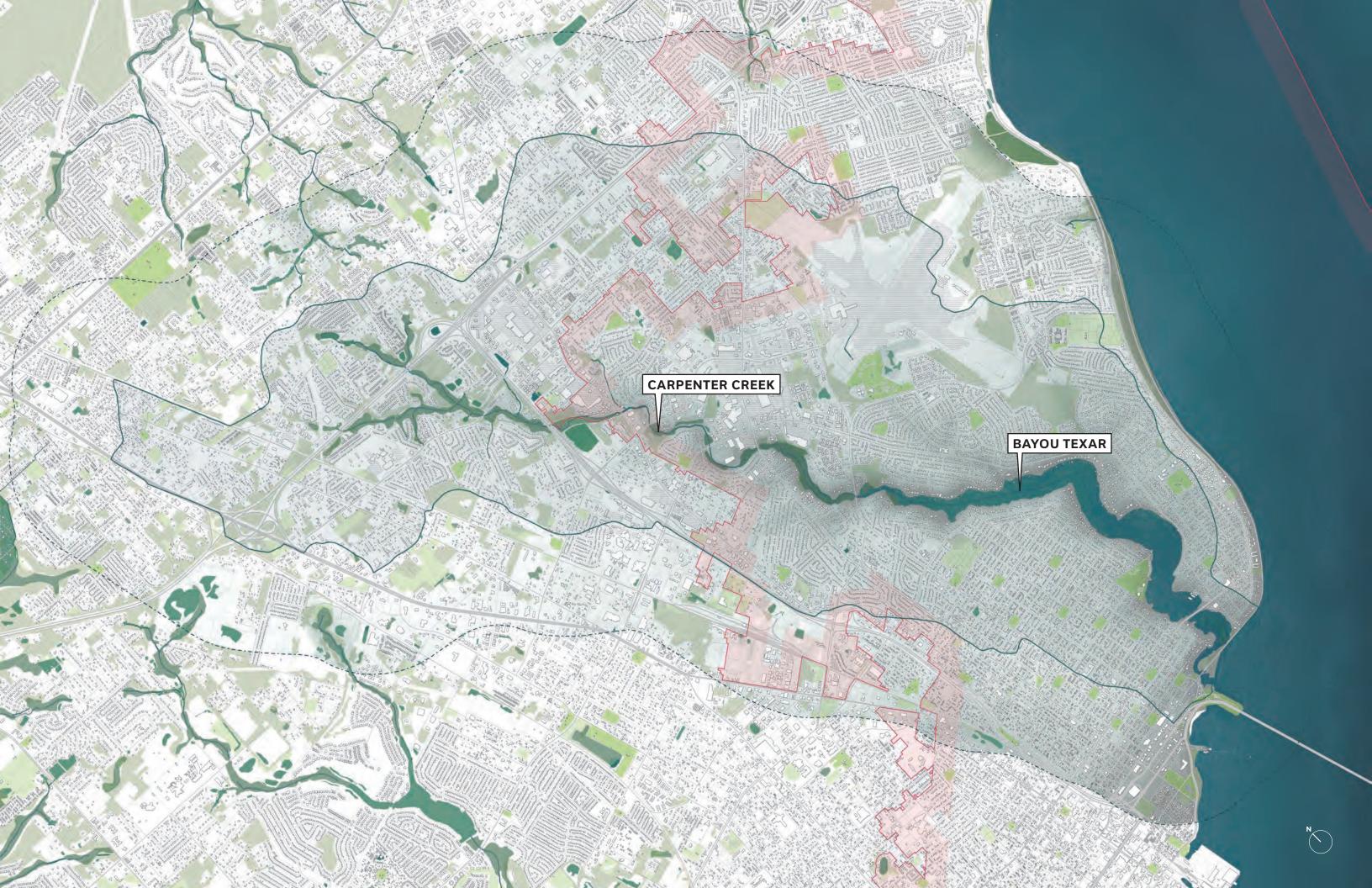














#### **SHARE YOUR KNOWLEDGE! - WRITE A POSTCARD**





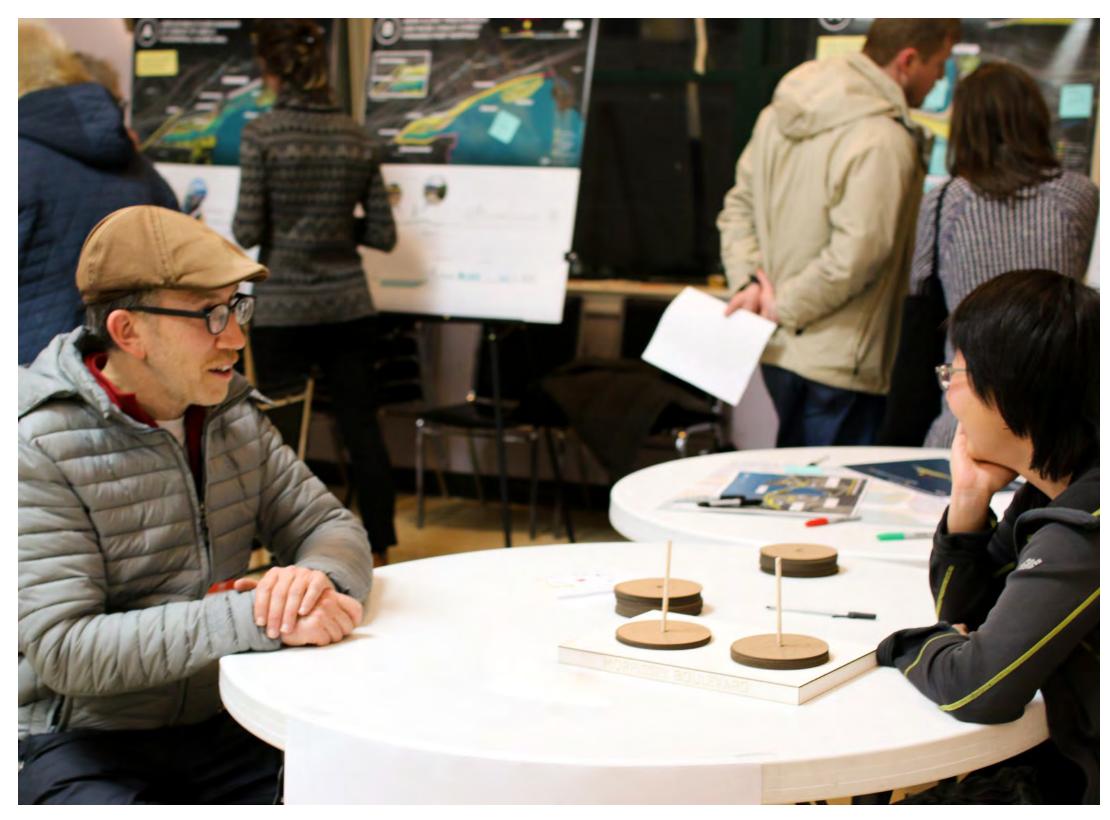




**CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN** February 19, 2020



#### **SHARE YOUR KNOWLEDGE! - TELL US A STORY**



**CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN** February 19, 2020







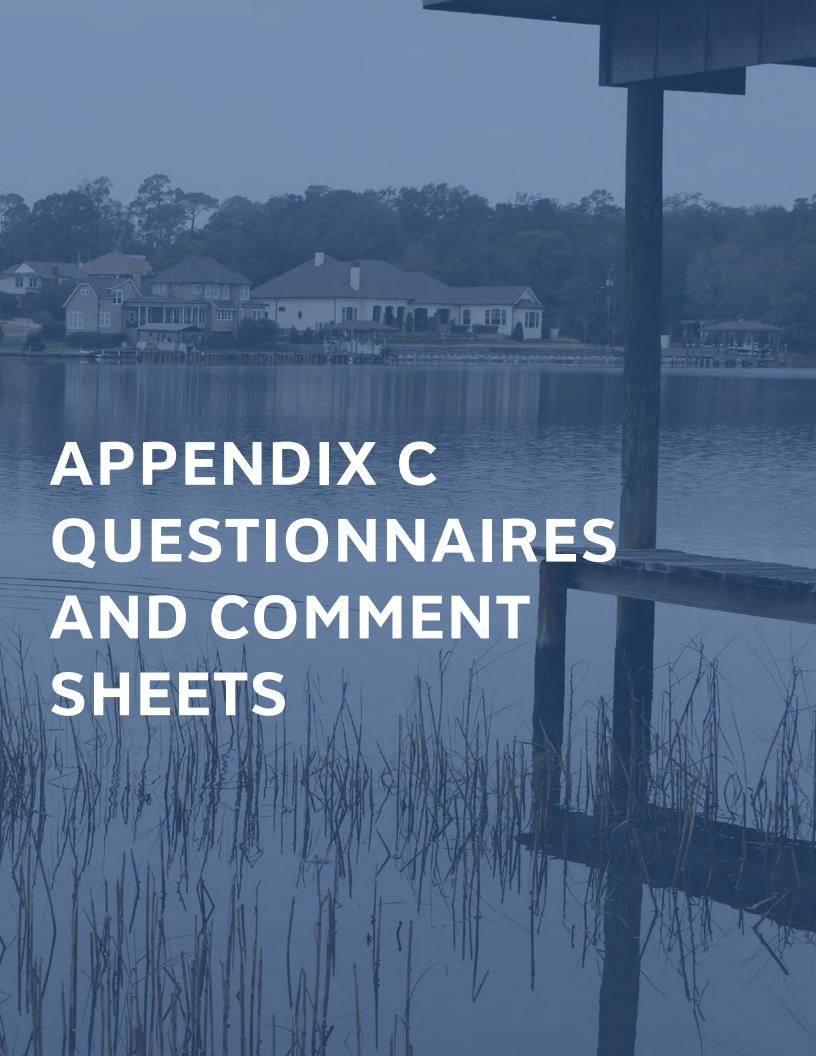






#### **VOLUME 1A APPENDIX C**

# QUESTIONNAIRES AND COMMMENT SHEETS



NAME: ROBIN ROWAN DATE: 2.19.20 HAVE YOU EVER USED THE CREEK OR BAYOU FOR RECREATIONAL PURPOSES? KAYAKING, CANOEING, SWIMMING, FISHING, PLAYING ALONG THE WATER'S EDGE, WALKING YOUR DOG, SITTING ON A BENCH AND WATCHING THE SUNSET - THESE ALL COUNT! Scott St (East Hill) I took a conse from the dead-end of up beyon Texar and under the 12th are bridge to prookside apto-In many places we had to portage around damped over when we hit a pile of logs. When I came in my hair + atar. up, I had black dripping sediment HERE DO YOU ACCESS THE W DO YOU TYPICALLY DRIVE YOUR CAR TO BAYVIEW PARK? HAVE YOU EVER BIKED/WALKED TO THE WATER OR ALONG IT? The sediment on the bottom of the Bayon is from agrico emical and Escambia Dreating Co. wont dip a toe in that water I don't magine there's to hemore it now, meaning Days a dead barron DO YOU HAVE ANY SPECIAL OR IMPORTANT MEMORIES RELATED TO CARPENTER CREEK AND BAYOU TEXAR? RECENT OR DISTANT PAST, HAPPY TIMES, SCARY MOMENTS, MEANINGFUL EVENTS, FAMILY see signs all over town barries that Dam in the water shed. These n shed- Wall Slows to the gulf. Daron Deyard does the Wh

WHAT ARE PLACES IN THE GREATER WATERSHED (NOT JUST ALONG THE WATER!)
THAT MAKE YOU FEEL CONNECTED TO NATURE?
WHAT ABOUT THESE PLACES GIVES YOU THIS FEELING? DO YOU ENJOY ENVIRONMENT-
RELATED ACTIVITIES LIKE BIRD WATCHING, BEACH CLEANUPS, HIKING? WHERE DO YOU GO TO
DO THOSE?
I give fours of Scenic Highway to UNF Lersure fearing, Reople
are amend at the miles of preserved ban front north of East
Rensacola deights and all the wan to Chumney Vark! If you
walk down to the bany you have he idea that Jourse within
the city limits - there are ranines and duffs and miles of empty
WHERE AND WHEN DID YOU EXPERIENCE FLOODING? HOW DID THE FLOODING IMPACT YOUR
LIVING OR WORKING ENVIRONMENT, YOUR COMMUTE OR OTHER TRAVEL, YOUR RECREATION
AND LEISURE?
ath ane flooded severely jught where Carpenter Creek.
crassey.
HAVE YOU SEEN OR EXPERIENCED POOR WATER QUALITY IN THE CREEK OR BAYOU?
WHAT DO YOU THINK CAUSES THIS CONDITION? HOW OFTEN HAVE YOU NOTICED THIS?
Please see canveing experience on the other side, I spent
It vers trying to get the students out of Brown Barge Muddle
school which bacross the Greet from Escambra Treating +
Leviso Chemical sites. The correct from Escambia Dreating + Seen dumping into the bayon for 100 years WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF
ben dumping into the baron Joh 100 hears
WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF
THE GREATER WATERSHED?
ALL THOUGHTS AND ANSWERS WELCOME!
The doesn't love opportunities to commune with nature.

WANT TO STAY CONNECTED?

SHARE YOUR EMAIL TO RECEIVE UPDATES: prowan 55@gmail.com

Please mail this questionnaire to: SCAPE, 316 St Joseph St, New Orleans, LA 70130 or email to team@restorethewatershed.com

NAME:	DATE:
KAYAKING, CANOEING, SWIMMING	1
HOW AND WHERE DO YOU AG DO YOU TYPICALLY DRIVE YOUR O THE WATER OR ALONG IT?	CCESS THE WATER? CAR TO BAYVIEW PARK? HAVE YOU EVER BIKED/WALKED TO
CREEK AND BAYOU TEXAR?	OR IMPORTANT MEMORIES RELATED TO CARPENTER TIMES, SCARY MOMENTS, MEANINGFUL EVENTS, FAMILY
Roamed the Picked blace in the store got out on the attracted a gator	e woods by the crill. Roessies one now buys mr. Contis placock always losd side a guy's ducks could hear whip or willsonight gated The drain pipes that come right into the creek.

WHAT ARE PLACES IN THE GREATER WATERSHED (NOT JUST ALONG THE WATER!) THAT MAKE YOU FEEL CONNECTED TO NATURE? WHAT ABOUT THESE PLACES GIVES YOU THIS FEELING? DO YOU ENJOY ENVIRONMENT-RELATED ACTIVITIES LIKE BIRD WATCHING, BEACH CLEANUPS, HIKING? WHERE DO YOU GO TO DO THOSE? the trees on the wese HAVE YOU SEEN OR EXPERIENCED SEVERE FLOODING IN THE WATERSHED? WHERE AND WHEN DID YOU EXPERIENCE FLOODING? HOW DID THE FLOODING IMPACT YOUR LIVING OR WORKING ENVIRONMENT, YOUR COMMUTE OR OTHER TRAVEL, YOUR RECREATION **AND LEISURE?** HAVE YOU SEEN OR EXPERIENCED POOR WATER QUALITY IN THE CREEK OR **BAYOU?** WHAT DO YOU THINK CAUSES THIS CONDITION? HOW OFTEN HAVE YOU NOTICED THIS? e drains from businesses a eve directi a WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF THE GREATER WATERSHED? ALL THOUGHTS AND ANSWERS WELCOME WANT TO STAY CONNECTED? **SHARE YOUR EMAIL TO RECEIVE UPDATES:** 

Please mail this questionnaire to: SCAPE, 316 St Joseph St, New Orleans, LA 70130 or email to team@restorethewatershed.com

NAME: IN DAVIS	DATE:	2/19/2020
HAVE YOU EVER USED THE CREEK OR BAYOU FOR KAYAKING, CANOEING, SWIMMING, FISHING, PLAYING YOUR DOG, SITTING ON A BENCH AND WATCHING THE This is the rearest bayon to But I've I'ved on the other, Absolute recessity to preserve	ALONG TH SUNSET -	E WATER'S EDGE, WALKING THESE ALL COUNT!
HOW AND WHERE DO YOU ACCESS THE WATER DO YOU TYPICALLY DRIVE YOUR CAR TO BAYVIEW PAR THE WATER OR ALONG IT?  Grafifice 17 th & cyster Barn  Next Bay wew  Lie need more putiens for kay an	RK? HAVE Y	
De need more putiens for kayer	cs, North	h!
DO YOU HAVE ANY SPECIAL OR IMPORTANT MICCREEK AND BAYOU TEXAR? RECENT OR DISTANT PAST, HAPPY TIMES, SCARY MOM STORIES		RELATED TO CARPENTER NINGFUL EVENTS, FAMILY
my street is "la Rue" for Dela R	ua) wh	o married
Mariana Bontfuy's daughter, purchas	/	
and They willred The Bayon for +	vansport.	a from
That Pensacola was once considered a	n solar	ed is so unique
That Pensacola was once considered a So much is underground - NOT TOT. Washer nomen's Creek (SPG, ST)	AUT Nony	on tehan!

WHAT ARE PLACES IN THE GREATER WATERSHED (NOT JUST ALONG THE WATER!)
THAT MAKE YOU FEEL CONNECTED TO NATURE?
WHAT ABOUT THESE PLACES GIVES YOU THIS FEELING? DO YOU ENJOY ENVIRONMENT-
RELATED ACTIVITIES LIKE BIRD WATCHING, BEACH CLEANUPS, HIKING? WHERE DO YOU GO TO DO THOSE?
Any & all access or yearness
for visuals, finding bird types tell you seasons, for times of healthy envir
Bruce beach is becoming The provide
Bruce beach is becoming the provides  Tree (snes ( old growth ) Pine tonist
I do see & look for the creek, I Fitz IT \$AM CONCURNED, driving about
HAVE YOU SEEN OR EXPERIENCED SEVERE FLOODING IN THE WATERSHED?  WHERE AND WHEN DID YOU EXPERIENCE FLOODING? HOW DID THE FLOODING IMPACT YOUR LIVING OR WORKING ENVIRONMENT, YOUR COMMUTE OR OTHER TRAVEL, YOUR RECREATION AND LEISURE?
Haven't been home 'long enough
Haven't been home long enough  [ Actually west of watershole other bayons ]
Often we can teil by lack of wildlife fish, evab, four  Bayon emptics out and live smalled & Seen it's condition it fine.
WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF THE GREATER WATERSHED?
ALL THOUGHTS AND ANSWERS WELCOME!
[we are it it is as]
We are made in equal porporare as our earst the area mineral
I I cannot live without water. It speaks in many languages & purposes to u
ALL THOUGHTS AND ANSWERS WELCOME!  The are it it is as I purpose from as our earth, even s'une mineral;  We are made in equal purpose for as our earth, even s'une mineral;  I cannot live without under. It speaks in many languages & purposes to us  We cannot dump into These lower "drains without filters, hello."
WANT TO STAY CONNECTED?
SHARE YOUR EMAIL TO RECEIVE UPDATES: in davis sainta @ gma. 1
Please mail this questionnaire to: SCAPE, 316 St Joseph St, New Orleans, LA 70130 or
email to team@restorethewatershed.com MAY GOD BLESS TOWN WORKE

NAME: Russell Poemer DATE: 3/19/20
HAVE YOU EVER USED THE CREEK OR BAYOU FOR RECREATIONAL PURPOSES? KAYAKING, CANOEING, SWIMMING, FISHING, PLAYING ALONG THE WATER'S EDGE, WALKING YOUR DOG, SITTING ON A BENCH AND WATCHING THE SUNSET – THESE ALL COUNT!
Kayaned & paddle boarded from 12th Ave to 17th st.
Spent many days fishing & walking my dog from Magnolia Ave
HOW AND WHERE DO YOU ACCESS THE WATER?  DO YOU TYPICALLY DRIVE YOUR CAR TO BAYVIEW PARK? HAVE YOU EVER BIKED/WALKED TO THE WATER OR ALONG IT?
DO YOU HAVE ANY SPECIAL OR IMPORTANT MEMORIES RELATED TO CARPENTER CREEK AND BAYOU TEXAR? RECENT OR DISTANT PAST, HAPPY TIMES, SCARY MOMENTS, MEANINGFUL EVENTS, FAMILY STORIES  Found consolation when Mom passed Away  Very Healing

WHAT ARE PLACES IN THE GREATER WATERSHED (NOT JUST ALONG THE WATER!) THAT MAKE YOU FEEL CONNECTED TO NATURE? WHAT ABOUT THESE PLACES GIVES YOU THIS FEELING? DO YOU ENJOY ENVIRONMENT-RELATED ACTIVITIES LIKE BIRD WATCHING, BEACH CLEANUPS, HIKING? WHERE DO YOU GO TO DO THOSE? Above 12th Ave 81 Just Below HAVE YOU SEEN OR EXPERIENCED SEVERE FLOODING IN THE WATERSHED? WHERE AND WHEN DID YOU EXPERIENCE FLOODING? HOW DID THE FLOODING IMPACT YOUR LIVING OR WORKING ENVIRONMENT, YOUR COMMUTE OR OTHER TRAVEL, YOUR RECREATION AND LEISURE? Hod moved surry HAVE YOU SEEN OR EXPERIENCED POOR WATER QUALITY IN THE CREEK OR **BAYOU?** WHAT DO YOU THINK CAUSES THIS CONDITION? HOW OFTEN HAVE YOU NOTICED THIS? Fish kills & dog volling in rotting fish
1-124 to write her home (Long Rope D) WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF **ALL THOUGHTS AND ANSWERS WELCOME!** 

THE GREATER WATERSHED?

Hos Lived off reuse Doyou when I wan Hit. Hod friends that Lives off Bayou Texor during Ivan. Some Story

WANT TO STAY CONNECTED?

SHARE YOUR EMAIL TO RECEIVE UPDATES: SUPPLIA POEVNEY PAUL-COM Please mail this questionnaire to: SCAPE, 316 St Joseph St, New Orleans, LA 70130 or email to team@restorethewatershed.com

NAME:	Verry	New for		DATE:	-19-20	
YOUR DO	G CANOEING G, SITTING O	SED THE CREEK OF SWIMMING, FISH IN A BENCH AND V	HING, PLAYING WATCHING THE	ALONG THE SUNSET - T	WATER'S EDG	E, WALKING
DO YOU THE WAT	TYPICALLY D	DO YOU ACCES: RIVE YOUR CAR TO SIT? View Park Ke in and	D BAYVIEW PA	RK? HAVE YO		
CREEK A	AND BAYOU OR DISTANT I	SPECIAL OR IMPORTANT TEXAR? PAST, HAPPY TIME:	S, SCARY MOM	IENTS, MEAN		

WHAT ARE PLACES IN THE GREATER WATERSHED (NOT JUST ALONG THE WATER!) THAT MAKE YOU FEEL CONNECTED TO NATURE? WHAT ABOUT THESE PLACES GIVES YOU THIS FEELING? DO YOU ENJOY ENVIRONMENT-RELATED ACTIVITIES LIKE BIRD WATCHING, BEACH CLEANUPS, HIKING? WHERE DO YOU GO TO DO THOSE? enjoy karpaking thru grassy aveas and small Islands HAVE YOU SEEN OR EXPERIENCED SEVERE FLOODING IN THE WATERSHED? WHERE AND WHEN DID YOU EXPERIENCE FLOODING? HOW DID THE FLOODING IMPACT YOUR LIVING OR WORKING ENVIRONMENT, YOUR COMMUTE OR OTHER TRAVEL, YOUR RECREATION AND LEISURE? HAVE YOU SEEN OR EXPERIENCED POOR WATER QUALITY IN THE CREEK OR **BAYOU?** WHAT DO YOU THINK CAUSES THIS CONDITION? HOW OFTEN HAVE YOU NOTICED THIS? high bacteria levels - usually only mid/lar with heat and lack of vain. Covernment ago Vary good about warnings to public WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF THE GREATER WATERSHED? ALL THOUGHTS AND ANSWERS WELCOME! Visual and physical Interaction with water whether at Bayou, Beywort or Beach is important to our entire

WANT TO STAY CONNECTED?

SHARE YOUR EMAIL TO RECEIVE UPDATES:

Please mail this questionnaire to: SCAPE, 316 St Joseph St, New Orleans, LA 70130 or email to team@restorethewatershed.com

NAME: LISA EVECS DATE: 0/19/20	
HAVE YOU EVER USED THE CREEK OR BAYOU FOR RECREATIONAL PURPOSES?  KAYAKING, CANOEING, SWIMMING, FISHING, PLAYING ALONG THE WATER'S EDGE, WALKING YOUR DOG, SITTING ON A BENCH AND WATCHING THE SUNSET – THESE ALL COUNT!  HO- BOT CHUNCT USE IT OFTEN TOE TO	
DEPTH I SSUES BECAUSE IT NEEDS TO BE DRODGED! IT IS UPDY SMELLY SO CAU'T CREW LET LEAR IT ATTIMES. THIS IS UN ACCEPTABLE AS IT USED TO BE 4' DRODGES.	
HOW AND WHERE DO YOU ACCESS THE WATER?  DO YOU TYPICALLY DRIVE YOUR CAR TO BAYVIEW PARK? HAVE YOU EVER BIKED/WALKED TO THE WATER OR ALONG IT?	)
LIVE DODAG (T	
DO YOU HAVE ANY SPECIAL OR IMPORTANT MEMORIES RELATED TO CARPENTE CREEK AND BAYOU TEXAR? RECENT OR DISTANT PAST, HAPPY TIMES, SCARY MOMENTS, MEANINGFUL EVENTS, FAMILY STORIES	R
PELICANS FEEDING WHICH I WORK ABOUT DUE TO VINHEARTHY FISH BOXO BIRDS	> >

WHAT ARE PLACES IN THE GREATER WATERSHED (NOT JUST ALONG THE WATER!) THAT MAKE YOU FEEL CONNECTED TO NATURE? WHAT ABOUT THESE PLACES GIVES YOU THIS FEELING? DO YOU ENJOY ENVIRONMENT- RELATED ACTIVITIES LIKE BIRD WATCHING, BEACH CLEANUPS, HIKING? WHERE DO YOU GO TO DO THOSE?
HAVE YOU SEEN OR EXPERIENCED SEVERE FLOODING IN THE WATERSHED? WHERE AND WHEN DID YOU EXPERIENCE FLOODING? HOW DID THE FLOODING IMPACT YOUR LIVING OR WORKING ENVIRONMENT, YOUR COMMUTE OR OTHER TRAVEL, YOUR RECREATION AND LEISURE?
AT MY HOME DOE TO CITY INSTECTION NOT
PROPERCY WERRETIMED NEW BUILD AND ALTOURNS
IT TO BE BUILT AND CAUSE HUGE DRAWAGE ISSUES
HAVE YOU SEEN OR EXPERIENCED POOR WATER QUALITY IN THE CREEK OR
VHAT DO YOU THINK CAUSES THIS CONDITION? HOW OFTEN HAVE YOU NOTICED THIS?
YES I CAN SMELLIT AS I LIVE ON IT. ALSO
TREEDIE WEEKLY MATER QUALITY REPORTS
AND THEY SHOW VARY HIGH FECAL AND CITHA
BREADIN' ISSUES/RADINGS.
HAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF HE GREATER WATERSHED?  LL THOUGHTS AND ANSWERS WELCOME!
NEED TO CONCENTRATE ON TREPHING & CLEANING
10 WATER BEFORE YOU START TO PLAN FER
ACCESS FORFETTE: WHY WASTE & ETIME ON
CCESSIBILITY UNTIL THE WATE IS CLOONED.
ANT TO STAY CONNECTED?
HARE YOUR EMAIL TO RECEIVE UPDATES: LA EVENSE YAHOU. COM
ease mail this questionnaire to: SCAPE, 316 St Joseph St. New Orleans, LA 70130 or

Fil to team@restorethewatershed.com

NAME: Susa	me Weathers	DATE: 2/19/2020	
KAYAKING, CANOEING O	G, SWIMMING, FISHING, F ON A BENCH AND WATCH	AYOU FOR RECREATIONAL PURPOSES PLAYING ALONG THE WATER'S EDGE, WALK HING THE SUNSET – THESE ALL COUNT!	
lea	rned to Swir	m in Bogon a went to	
outdoor	mories there	u- plagedon swings	
- men	x canoeing-		
HOW AND WHERE	DO YOU ACCESS THE	= WATED2	
	RIVE YOUR CAR TO BAYV	VIEW PARK? HAVE YOU EVER BIKED/WALKE	D TO
Hundred	ls of times to	baymen in the 1940's and astly to the dog park gist east of Deenis/ty. Brid and There.	1950'5
I can	I drive moa	g sust last of Danis Hr. Brid	d.
My Da	lighter owns I	Sand where.	<i>y</i> ~
CREEK AND BAYOURECENT OR DISTANT	J TEXAR? PAST, HAPPY TIMES, SCA	TANT MEMORIES RELATED TO CARPEN	
STORIES	used to ride t	horses down there to	
	go swimme,	ng	

WHAT ARE PLACES IN THE GREATER WATERSHED (NOT JUST ALONG THE WATER! THAT MAKE YOU FEEL CONNECTED TO NATURE? WHAT ABOUT THESE PLACES GIVES YOU THIS FEELING? DO YOU ENJOY ENVIRONMENT- RELATED ACTIVITIES LIKE BIRD WATCHING, BEACH CLEANUPS, HIKING? WHERE DO YOU GO TO	
DO THOSE?	
anyplace with water and trees	_
WATER AND STEEL OF EXPERIENCED SEVERE ELOOPING IN THE WATERSHED?	
HAVE YOU SEEN OR EXPERIENCED SEVERE FLOODING IN THE WATERSHED? WHERE AND WHEN DID YOU EXPERIENCE FLOODING? HOW DID THE FLOODING IMPACT YOUR LIVING OR WORKING ENVIRONMENT, YOUR COMMUTE OR OTHER TRAVEL, YOUR RECREATION	
AND LEISURE?  Yes - washed about 50 ft of my daughters  land along the ruck	
18 1 1 Was south	
land along the our	
HAVE YOU SEEN OR EXPERIENCED POOR WATER QUALITY IN THE CREEK OR	
BAYOU?	
WHAT DO YOU THINK CAUSES THIS CONDITION? HOW OFTEN HAVE YOU NOTICED THIS?	
I was the server of the	
four times after senere storms	
Λ.	
I also de sampling of mater for Lake Watel	
THE DO YOU THINK CONNECTS YOU TO THE WATER AND MAKES YOU DART OF	-
WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF	
THE GREATER WATERSHED?  ALL THOUGHTS AND ANSWERS WELCOME!	
I have worked around baler	
I have worked around water all my life now I teach swimming	
WANT TO STAY CONNECTED?	
SHARE YOUR EMAIL TO RECEIVE UPDATES: Weathers & cox wet	
Please mail this questionnaire to: SCAPE, 316 St Joseph St, New Orleans, LA 70130 or	-

email to team@restorethewatershed.com

NAME: Gena Buchanan	DATE: <u></u>	9	2020
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HAVE YOU EVER USED THE CREEK OR BAYOU FOR RECREATIONAL PURPOSES? KAYAKING, CANOEING, SWIMMING, FISHING, PLAYING ALONG THE WATER'S EDGE, WALKING YOUR DOG, SITTING ON A BENCH AND WATCHING THE SUNSET – THESE ALL COUNT!

In my growing-up years Bayview Park played an important part of my life. Canoeing, walking, & tennis mostly. We watched water skiers and there were high-powered boat races. Family gatherings at the covered tables. Watching the sun set from inside the exercise classroom in the Community Center.

#### **HOW AND WHERE DO YOU ACCESS THE WATER?**

DO YOU TYPICALLY DRIVE YOUR CAR TO BAYVIEW PARK? HAVE YOU EVER BIKED/WALKED TO THE WATER OR ALONG IT?

When I grew up on Texas Dr we were not allowed to walk to the water because it was all sawgrass and we were atraid of snakes. In high school my friends & I spent hundreds of hours at Bayview - we walked or drove.

#### DO YOU HAVE ANY SPECIAL OR IMPORTANT MEMORIES RELATED TO CARPENTER CREEK AND BAYOU TEXAR?

RECENT OR DISTANT PAST, HAPPY TIMES, SCARY MOMENTS, MEANINGFUL EVENTS, FAMILY STORIES... My father worked for the construction co. that built o I Semmes. He bought the lot at Texar & Cortez. & built our house a 1957 when both streets were dirt roads. Texar sloped steeply in front of our house and when it rained a raging muddy river made Class 5 rapids. The Septic tank was higher than the drainfield so sewage bubbled up in the yard. Over the course of the years houses were built on the bayou.

WHAT ABOUT THESE PLACES GIVES YOU THIS FEELING? DO YOU ENJOY ENVIRONMENT- RELATED ACTIVITIES LIKE BIRD WATCHING, BEACH CLEANUPS, HIKING? WHERE DO YOU GO TO
(ELATEI) ACTIVITIES LIKE BIRD WATCHING BEACH CLEANITES HIKINGZ WHERE DC YOLLGO TO
I've lived close to (but not on) Bayon Chico (age 5-9) Bayon lexar,
ee St. in East Hill, Weekley Bayou and even Pensacole Beach lage:
III this nearness instills a love of pature. I could Ido spent
[I've lived close to (but not on) Bayou Chico (age 5-9) Bayou Texar, ee St. in East Hill, Weekley Bayou and even Pensacole Beach (age 5-11) this nearness instills a love of nature. I could I do spent nours at the Maxima Cyster Barn. The character of the bayou and
enality of light constantly oblace
HAVE YOU SEEN OR EXPERIENCED SEVERE FLOODING IN THE WATERSHED? WHERE AND WHEN DID YOU EXPERIENCE FLOODING? HOW DID THE FLOODING IMPACT YOUR LIVING OR WORKING ENVIRONMENT, YOUR COMMUTE OR OTHER TRAVEL, YOUR RECREATION AND LEISURE?
HAVE YOU SEEN OR EXPERIENCED POOR WATER QUALITY IN THE CREEK OR BAYOU?
WHAT DO YOU THINK CAUSES THIS CONDITION? HOW OFTEN HAVE YOU NOTICED THIS?
My triProds who took swimming lessons at Danview got ear
infections! In the 1960's.
My friends who took swimming lessons at Bayview got ear infections! In the 1960's.
infections! In the 1960's.  WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF
WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF THE GREATER WATERSHED?
WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF THE GREATER WATERSHED? ALL THOUGHTS AND ANSWERS WELCOME!
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WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF THE GREATER WATERSHED? ALL THOUGHTS AND ANSWERS WELCOME! Recognizing the plant life. That's what draws my eye. After Hurrican Ivan hundreds of brown pelicans found shelter in the area NW of the Cervantes St. bridge. Seeing them on my way to work is a memory that will stay with me.
WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF THE GREATER WATERSHED? ALL THOUGHTS AND ANSWERS WELCOME! Recognizing the plant life. That's what draws my eye. After Hurrican Ivan hundreds of brown pelicans found shelter in the area NW of the Cervantes St. bridge. Seeing them on my way to work is a memory that will stay with me.
WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF THE GREATER WATERSHED? ALL THOUGHTS AND ANSWERS WELCOME! Recognizing the plant life. That's what draws my eye. After Hurrican Ivan hundreds of brown pelicans found shelter in the area NW of the Cervantes St. bridge. Seeing them on my way to work is a memory that will stay with me.

email to team@restorethewatershed.com

NAME: LONALE 1/ Webster DATE: 2-19-20
HAVE YOU EVER USED THE CREEK OR BAYOU FOR RECREATIONAL PURPOSES? KAYAKING, CANOEING, SWIMMING, FISHING, PLAYING ALONG THE WATER'S EDGE, WALKING YOUR DOG, SITTING ON A BENCH AND WATCHING THE SUNSET - THESE ALL COUNT!  Les, I live along largenters Creek. I  Spend a great deal of time in the woods,
HOW AND WHERE DO YOU ACCESS THE WATER?  DO YOU TYPICALLY DRIVE YOUR CAR TO BAYVIEW PARK? HAVE YOU EVER BIKED/WALKED TO THE WATER OR ALONG IT?  Our property line is Carpenter's Creek
DO YOU HAVE ANY SPECIAL OR IMPORTANT MEMORIES RELATED TO CARPENTER CREEK AND BAYOU TEXAR? RECENT OR DISTANT PAST, HAPPY TIMES, SCARY MOMENTS, MEANINGFUL EVENTS, FAMILY STORIES
Just growing up in those areas behind our house.
behind our house.

#### WHAT ARE PLACES IN THE GREATER WATERSHED (NOT JUST ALONG THE WATER!) THAT MAKE YOU FEEL CONNECTED TO NATURE? WHAT ABOUT THESE PLACES GIVES YOU THIS FEELING? DO YOU ENJOY ENVIRONMENT-RELATED ACTIVITIES LIKE BIRD WATCHING, BEACH CLEANUPS, HIKING? WHERE DO YOU GO TO DO THOSE? I have daughters now. I spend time with them, observing nature. (mostly wildlike raccoons, turtles Opossum and snakes HAVE YOU SEEN OR EXPERIENCED SEVERE FLOODING IN THE WATERSHED? WHERE AND WHEN DID YOU EXPERIENCE FLOODING? HOW DID THE FLOODING IMPACT YOUR LIVING OR WORKING ENVIRONMENT, YOUR COMMUTE OR OTHER TRAVEL, YOUR RECREATION AND LEISURE? Yes, when a large rain is happening. Flooding has not had any negative effects on everyday life HAVE YOU SEEN OR EXPERIENCED POOR WATER QUALITY IN THE CREEK OR **BAYOU?** yes, definitely the smell. A raw sewage line runs access our yard. these lines are very old, and I'm sure they have leaks WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF THE GREATER WATERSHED? ALL THOUGHTS AND ANSWERS WELCOME! time live spend in it. Proximity to it. We have direct access to Corporter's Creek flood plain on the west as it runs south of 9th Ave WANT TO STAY CONNECTED? SHARE YOUR EMAIL TO RECEIVE UPDATES: 50890 Yahoo.com Please mail this questionnaire to: SCAPE, 316 St Joseph St, New Orleans, LA 70130 or

email to team@restorethewatershed.com

251-402-6198

NAME: Marilyn Wolfe DATE: 2	119/20
HAVE YOU EVER USED THE CREEK OR BAYOU FOR RECREATI KAYAKING, CANOEING, WIMMIND, FISHING, PLAYING ALONG THE WAYOUR DOG, SITTING ON A BENCH AND WATCHING THE SUNSET THESE When Clean 40 yrs ago	ONAL PURPOSES? ATER'S EDGE, WALKING SE ALL COUNT!
HOW AND WHERE DO YOU ACCESS THE WATER?  DO YOU TYPICALLY DRIVE YOUR CAR TO BAYVIEW PARK? HAVE YOU IT  THE WATER OR ALONG IT?    back or creek	EVER BIKED/WALKED TO
DO YOU HAVE ANY SPECIAL OR IMPORTANT MEMORIES REL CREEK AND BAYOU TEXAR? RECENT OR DISTANT PAST, HAPPY TIMES, SCARY MOMENTS, MEANING STORIES	
when I grew up we all played in it from 9th to Bayow Bust	and sevan

THAT MAKE YOU FEEL CONNECTED TO NATURE? WHAT ABOUT THESE PLACES GIVES YOU THIS FEELING? DO YOU ENJOY ENVIRONMENT- RELATED ACTIVITIES LIKE BIRD WATCHING, BEACH CLEANUPS, HIKING? WHERE DO YOU GO TO DO THOSE?  Bud watching
HAVE YOU SEEN OR EXPERIENCED SEVERE FLOODING IN THE WATERSHED? WHERE AND WHEN DID YOU EXPERIENCE FLOODING? HOW DID THE FLOODING IMPACT YOUR LIVING OR WORKING ENVIRONMENT, YOUR COMMUTE OR OTHER TRAVEL, YOUR RECREATION AND LEISURE?
3 Llosoh - I from Creek 2 from City runds
2 la ser de la s
and pool arounage. I large peges arack to
3 floods - I from Creek 2 from City runoff and poor drainage. 2 large pipes drain to one directly in creek 4 lood indurance runs 1800 a year after 3 losses
HAVE YOU SEEN OR EXPERIENCED POOR WATER QUALITY IN THE CREEK OR
BAYOU?
WHAT DO YOU THINK CAUSES THIS CONDITION? HOW OFTEN HAVE YOU NOTICED THIS?
lots of trash from homeless
WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF
THE GREATER WATERSHED? ALL THOUGHTS AND ANSWERS WELCOME!
WANT TO STAY CONNECTED?  SHARE YOUR EMAIL TO RECEIVE UPDATES: MARIUN WOLFE 1949 Comail
Please mail this questionnaire to: SCAPE, 316 St Joseph St, New Orleans, LA 70130 or

email to team@restorethewatershed.com

<b>CARPENTER CREEK &amp; BAYOU</b>		
WATERSHED MANAGEMENT PLAN	+ Mail	· ajerick @ bellsouth, .
NAME: JAY Erickson	DATE:	2/19/20
HAVE YOU EVER USED THE CREEK OR BAYOU KAYAKING, CANOEING, SWIMMING, FISHING, PLAYIN YOUR DOG, SITTING ON A BENCH AND WATCHING THE ALL OF Above	IG ALONG	THE WATER'S EDGE, WALKING
HOW AND WHERE DO YOU ACCESS THE WAT DO YOU TYPICALLY DRIVE YOUR CAR TO BAYVIEW P. THE WATER OR ALONG IT?		E YOU EVER BIKED/WALKED TO
waterfront property		
DO YOU HAVE ANY SPECIAL OR IMPORTANT IS CREEK AND BAYOU TEXAR? RECENT OR DISTANT PAST, HAPPY TIMES, SCARY MO STORIES		
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Live on Bayon 10 yrs Howe not	orcier.	Dolphin frequently
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Now Widgeon grass along shore in 2 yrs.	spring	Isummer of en last

WHAT ARE PLACES IN THE GREATER WATERSHED (NOT JUST ALONG THE WATER!) THAT MAKE YOU FEEL CONNECTED TO NATURE? WHAT ABOUT THESE PLACES GIVES YOU THIS FEELING? DO YOU ENJOY ENVIRONMENT- RELATED ACTIVITIES LIKE BIRD WATCHING, BEACH CLEANUPS, HIKING? WHERE DO YOU GO TO DO THOSE?		
HAVE YOU SEEN OR EXPERIENCED SEVERE FLOODING IN THE WATERSHED? WHERE AND WHEN DID YOU EXPERIENCE FLOODING? HOW DID THE FLOODING IMPACT YOUR LIVING OR WORKING ENVIRONMENT, YOUR COMMUTE OR OTHER TRAVEL, YOUR RECREATION AND LEISURE?		
HAVE YOU SEEN OR EXPERIENCED POOR WATER QUALITY IN THE CREEK OR BAYOU? WHAT DO YOU THINK CAUSES THIS CONDITION? HOW OFTEN HAVE YOU NOTICED THIS?		
WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF THE GREATER WATERSHED? ALL THOUGHTS AND ANSWERS WELCOME!		
WANT TO CTAY CONNECTED?		
WANT TO STAY CONNECTED? SHARE YOUR EMAIL TO RECEIVE UPDATES:		
Please mail this questionnaire to: SCAPE, 316 St Joseph St, New Orleans, LA 70130 or		

email to team@restorethewatershed.com

NAME: InneThench DATE: 2/19/20
HAVE YOU EVER USED THE CREEK OR BAYOU FOR RECREATIONAL PURPOSES? KAYAKING, CANOEING, SWIMMING, FISHING, PLAYING ALONG THE WATER'S EDGE, WALKING YOUR DOG, SITTING ON A BENCH AND WATCHING THE SUNSET - THESE ALL COUNT!  Hooding tishing playing at the edge of the creek in our backyard SKTING - a LONG time ago.
HOW AND WHERE DO YOU ACCESS THE WATER?  DO YOU TYPICALLY DRIVE YOUR CAR TO BAYVIEW PARK? HAVE YOU EVER BIKED/WALKED TO THE WATER OR ALONG IT?  Boat slip by Johnsons Maring
DO YOU HAVE ANY SPECIAL OR IMPORTANT MEMORIES RELATED TO CARPENTER CREEK AND BAYOU TEXAR? RECENT OR DISTANT PAST, HAPPY TIMES, SCARY MOMENTS, MEANINGFUL EVENTS, FAMILY STORIES

WHAT ARE PLACES IN THE GREATER WATERSHED (NOT JUST ALONG THE WATER!) THAT MAKE YOU FEEL CONNECTED TO NATURE? WHAT ABOUT THESE PLACES GIVES YOU THIS FEELING? DO YOU ENJOY ENVIRONMENT- RELATED ACTIVITIES LIKE BIRD WATCHING, BEACH CLEANUPS, HIKING? WHERE DO YOU GO TO DO THOSE?
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WANT TO STAY CONNECTED? SHARE YOUR EMAIL TO RECEIVE UPDATES:
Please mail this questionnaire to: SCAPE, 316 St Joseph St, New Orleans, LA 70130 or

email to team@restorethewatershed.com

NAME:_	Craig	1/2/52-	DATE: 2/17/2	৫
			· ·	
KAYAKING	CANOEING, SWIN	HE CREEK OR BAYOU  MING, FISHING, PLAYING  ENCH AND WATCHING TI	IG ALONG THE WATER	S EDGE, WALKING
Boy	when Pack	restancent	ids parties	×
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+	he rest i	s poivote a	d I am to	e soassine
	if I cr	ace it.		
				£
CREEK A	ND BAYOU TEXA	CIAL OR IMPORTANT AR? APPY TIMES, SCARY MO		

THAT MAKE YOU FEEL CONNECTED TO NATURE? WHAT ABOUT THESE PLACES GIVES YOU THIS FEELING? DO YOU ENJOY ENVIRONMENT- RELATED ACTIVITIES LIKE BIRD WATCHING, BEACH CLEANUPS, HIKING? WHERE DO YOU GO TO DO THOSE?
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I go to East Pieters of Blackworks State
Boy Bluffs Park is the only place in Pensaceles.  T go to East Pieters of Blackwork State  Former to feel commented
HAVE YOU SEEN OR EXPERIENCED SEVERE FLOODING IN THE WATERSHED? WHERE AND WHEN DID YOU EXPERIENCE FLOODING? HOW DID THE FLOODING IMPACT YOUR LIVING OR WORKING ENVIRONMENT, YOUR COMMUTE OR OTHER TRAVEL, YOUR RECREATION AND LEISURE?
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WHAT DO YOU THINK CAUSES THIS CONDITION? HOW OFTEN HAVE YOU NOTICED THIS?
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(rask, and sediment to led.
WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF THE GREATER WATERSHED? ALL THOUGHTS AND ANSWERS WELCOME!
WANT TO CTAY CONNECTED?
SHARE YOUR EMAIL TO RECEIVE UPDATES: Calfarester 86@ contlant. com
Please mail this questionnaire to: SCAPE, 316 St Joseph St, New Orleans, LA 70130 or

email to team@restorethewatershed.com

WHAT ARE PLACES IN THE GREATER WATERSHED (NOT JUST ALONG THE WATER!)

NAME:	-ana	Weathe	705	D	ATE:	Tel.	19,20	20
HAVE YOU E KAYAKING, CA YOUR DOG, SI Canocu playes	NOEING, S	WIMMING, F	SHING, PLA D WATCHIN	AYING A	LONG T	HE WATEI	R'S EDGE, W.	ALKING
HOW AND W DO YOU TYPIC THE WATER OF I walk Baynew	ALLY DRIV	E YOUR CAR	TO BAYVIE	W PARK	? HAVE			
DO YOU HAV CREEK AND RECENT OR DI STORIES	BAYOU TI STANT PAS	EXAR? T, HAPPY TIN	1ES, SCARY	MOME	NTS, ME	ANINGFU	L EVENTS, FA	AMILY
I have	lived a	on the	creek	for	25+	year s	and have	
1 lear	neel to	> Suim	at Bay	New	Park	inthe	SUMPAUX	program

WHAT ARE PLACES IN THE GREATER WATERSHED (NOT JUST ALONG THE WATER!) THAT MAKE YOU FEEL CONNECTED TO NATURE?			
WHAT ABOUT THESE PLACES GIVES YOU THIS FEELING? DO YOU ENJOY ENVIRONMENT-			
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to Bayvin Park			
HAVE YOU SEEN OR EXPERIENCED SEVERE FLOODING IN THE WATERSHED? WHERE AND WHEN DID YOU EXPERIENCE FLOODING? HOW DID THE FLOODING IMPACT YOUR LIVING OR WORKING ENVIRONMENT, YOUR COMMUTE OR OTHER TRAVEL, YOUR RECREATION AND LEISURE?			
The April 2014 flood coused about 20 of the hill behind			
The April 2014 flood coosed about 20 of the hill behind my house to fall into the creek-			
HAVE YOU SEEN OR EXPERIENCED POOR WATER QUALITY IN THE CREEK OR BAYOU?			
WHAT DO YOU THINK CAUSES THIS CONDITION? HOW OFTEN HAVE YOU NOTICED THIS?			
WHAT DO YOU THINK CONNECTS YOU TO THE WATER, AND MAKES YOU PART OF THE GREATER WATERSHED? ALL THOUGHTS AND ANSWERS WELCOME!			
WANT TO STAY CONNECTED?  SHARE YOUR EMAIL TO RECEIVE UPDATES: L & weathers of ond com			

Please mail this questionnaire to: SCAPE, 316 St Joseph St, New Orleans, LA 70130 or email to team@restorethewatershed.com

NAME: WSA COZS  ORGANIZATION: PESIDEUS	EMAIL: LR. EVERS &	_
ORGANIZATION: PESIDEUT	DATE:2/19/20 COM	
COMMENTS / QUESTIONS		
T WHEN WILL TE	HAR BE	
	36	

Contact us at <a href="mailto:team@RestoreTheWatershed.com">team@RestoreTheWatershed.com</a>

NAME: Winiam f. Demance EMAIL: wdunance @ Conteparting organization: Carhentych /3CI DATE: 2/19/2020 Co.
ORGANIZATION: Chuhfmetydes / SCI DATE: 2/19/2020 Cos
COMMENTS / QUESTIONS
L'échieve it is very injointant that we de No horm to this watershed. No
/ (0/1/200
Master Plan can work if we continue to
engineer the flow. It is also
hight people on the team lie; UNF
important to consume we get the sight people on the team (ie: UNF Cultural Research). My Visciss is that the Creek look more like Rock Creek Park
Creek look more like Rock Creek Park
Vice the LA River. This, will require
A Champion (City of Pensacola)? (Cofuty)? Will the City of stess yp? Who will own the Plan? Is it enhanced
Who will own the Plan?
Who will enfonce the Plum ! Is it enfonced

Contact us at <a href="mailto:team@RestoreTheWatershed.com">team@RestoreTheWatershed.com</a>

NAME:	Jimmie Jarraft EMAIL: jnjarraf@ mycscomb
	IZATION: Escambia County DATE: BODD- 2-19-20 Horborist.
СОММЕ	INTS / QUESTIONS
Ø	City & Country largeting tree repulsing areas for, sustainable
	City & Country Jargeting Free replanting areas for, Sustainable campe In crease. Boto have tree mitigation Sunding.
<b>e</b>	Leview comprehesive Urban Trec Canopy Analysis on City Website 2 Phase.
	o Shows tree (anopy trends over 20 years. o Also current canopy of public spaces. I planting area
	recommendations

Contact us at <a href="mailto:team@RestoreTheWatershed.com">team@RestoreTheWatershed.com</a>

RESTORETHE MATERSHED, COM DC: DIANE P. BEAVERS, BEAVER DAMS AND DENS ARE THE A SE WATER FLOW VPSTREAM BLOCKAGE WHERE OLIVE RS. S BOSSES CORRENTER CREEK OVER A CURVERT. IF YOU PARK NERD THIS CROSSING AND LOOK WESTREAM (NORTH-WEST) BEYOND THE CULVERT, YOU WILL SEE A BEAVER DAM THEN A LARGE AMOUNT OF LEAVES VESTREAM FROM THAT THE BEAVERS NEED TO BE BEMOTED OR RELOCATED, THEN THEIR DAMS AND THE BACKUP OF LEAVES REMOVED TO RESTORE MORNAY WATER FLOW FROM THE SOURCE OF THE SPEEK.

NAME: John Phillips	EMAIL: jupa@cox.net
ORGANIZATION: Parker	Circle Neighborhood DATE: 02/18/20
	assn
COMMENTS / QUESTION	<u>1S</u>
George Sanders v	who now lives on Parker Circle
grew up on Rou	ice Street and has many
Carpenter Creek	stories and experiences. If a staff ontact him, I am sure be would
person were to c	ontact him, I am sure be would
share those men	ories. Sherey Myers know liew. 476-3348.
His shone is	476-3342
	John W. Phillips
P	Parker Circle Neighborhood Association Past President
590 F	Parker Circle
Pens. Emai	acola, Florida 32504-7077 I: <u>jwp2@cox.net</u> (850) 479-3886



### **VOLUME 1A APPENDIX D**

## ADDITIONAL ENGAGEMENT MATERIALS



## SCAPE LANDSCAPE ARCHITECTURE DPC 277 BROADWAY NINTH FLOOR NEW YORK NY 10007 T 212 462 2628 SCAPESTUDIO.COM

#### FACILITATORS' GUIDE

Date: February 19, 2020

Re: Carpenter Creek and Bayou Texar Watershed Management Plan

#### **GOALS**

The plan will identify existing challenges and provide a roadmap to:

- Manage water quantity and improve water quality for a safer and healthier environment
- Protect, enhance, and restore fish and wildlife habitat for a stronger ecosystem
- Expand **public access and recreation opportunities** for learning and fun!
- Build more equitable and resilient communities in the face of a changing climate
- Connect residents to their watershed and waterways for stewardship and conservation

#### **DISCUSSION PROMPTS**

#### ECOLOGY AND HYDROLOGY

- Flooding: locate (on the map) and describe areas prone to flooding, what happens during flood conditions, frequency and severity of flooding
- Erosion and bank stability: where have you observed issues of severe erosion, bank stability issues and/or risk of collapse, projects that address stability issues (what are the strategies being used, are they successful, benefits and issues)
- Water quality: locate (on the map, if possible) and describe water quality issues.
   Include both anecdotal observations and measured data, past and present. If you are familiar with ongoing efforts and would like to suggest we connect with folks involved, please let us know!
- Pollution/contamination sources: located (on the map) and describe any point or non-point source pollution you are aware of
- Ecology: tell us about local/native ecological features that are special to this region, where are they still present, where in the region are similar ecosystems we could look to for design inspiration. What are specific plant and animal species we should take note of. What are invasive or particularly damaging species in the area? Where are they concentrated? (mark on map)
- Sedimentation: are there particular areas that are prone to sedimentation, filling up/clogging the waterway? Specific areas that seem to be flowing undisturbed? Where is sediment coming from? Are there any ongoing or past dredging activities? What were the impacts of such efforts?
- Are there important locations within the watershed (from ecology/hydrology perspective) that we should take note of?

#### SCAPE LANDSCAPE ARCHITECTURE DPC

#### **ACCESS AND RECREATION**

- Where can you see the creek?
- How do people perceive the creek? Is it a place to go? In what condition is it?
- What are current public access points to the water? Who uses them? How often? What are they used for?
- Where were past public access points that are no longer accessible/used by public? Why?
- How do people use the river and bayou for recreation today? How were they used in the past?
- Who uses the creek and bayou today? Who doesn't? are there specific groups that are more likely or less likely to visit and use the water or adjacent open spaces?
- If you do visit the creek and/or bayou, how do you get there? What makes it easy/difficult to access?
- Are there other creeks or bayous in the area that you visit? how do you access them? What can we learn from them (the good, the bad, the ugly)?
- What social, cultural, and environmental groups and organizations are active in the watershed and should be engaged in this process? How do we reach them?

#### PLANS AND PROJECTS

- Are you aware of any plans or ongoing projects along the creek and bayou, and around the whole watershed?
- What are some of the recent or planned developments happening in the watershed? Who is leading them? Who owns the property?
- What are some of the recent or planned infrastructure projects happening in the watershed? Who is leading them? Who owns the property?
- What projects are related to stormwater management, water quality, public access, environmental restoration?
- What are relevant recent or ongoing studies or other efforts related to the plan's efforts?
- Are there properties that the city or county are planning to purchase or recently purchased within the watershed? Are there properties that the city or county recently sold within the watershed?



THE WATERSHED MANAGEMENT PLAN WILL BUILD ON MEANINGFUL STORIES AND PLACES ALONG THE WATER	
Do you have any <b>special or important memories</b> related to Carpenter Creek and Bayou Texar?	
•••••••••••••••••••••••••••••••••••••••	Carpenter Creek and Bayou Texar Watershed Management Plan Projec
	c/o SCAPE Landscape Architecture 316 St. Joseph Street
	New Orleans, LA 70130
•••••••••••••••••••••••••••••••••••••••	
Want to learn more? Visit RestoreTheWatershed.com	

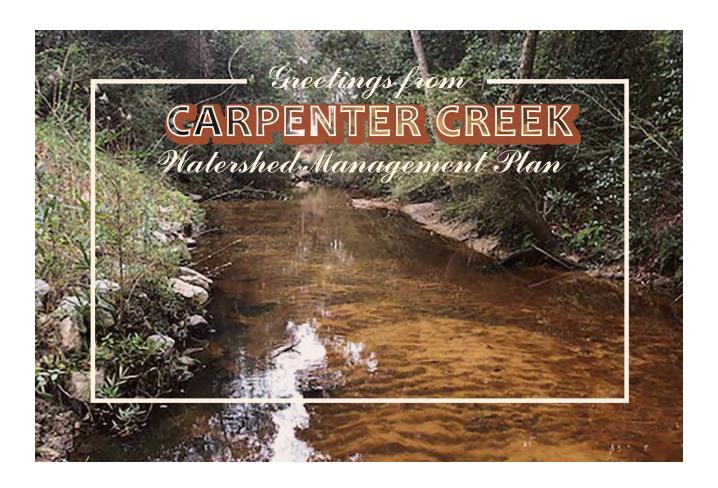








THE WATERSHED MANAGEMENT PLAN AIMS TO EXPAND THE POSSIBLE ACTIVITIES ALONG THE WATER	
Have you ever used the creek or bayou for recreational purposes? Kayaking, canoing, swimming, fishing, etc.	
	Carpenter Creek and Bayou Texar Watershed Management Plan Project
How could you imagine using it in the future?	c/o SCAPE Landscape Architecture 316 St. Joseph Street New Orleans, LA 70130
Want to learn more? Visit RestoreTheWatershed.com	

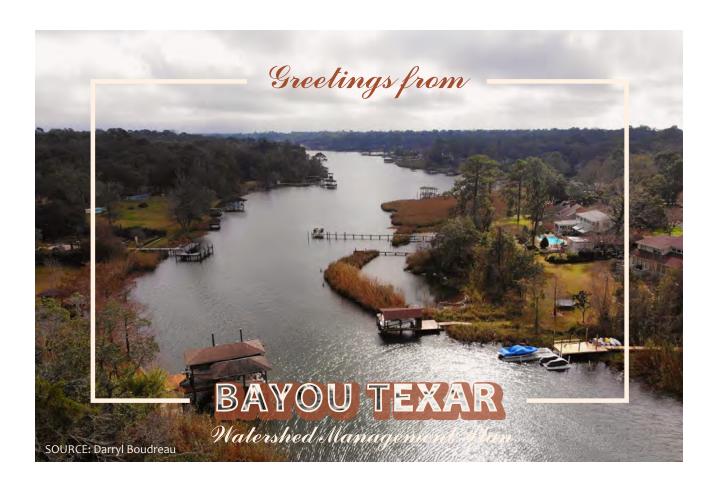


THE WATERSHED MANAGEMENT PLAN AIMS TO IMPROVE THE WATER QUALITY OF THE CREEK AND BAYOU	
Have you seen or experienced poor water quality? Where?	
	Carpenter Creek and Bayou Texar Watershed Management Plan Projec
	c/o SCAPE Landscape Architecture 316 St. Joseph Street
	New Orleans, LA 70130
Want to learn more? Visit RestoreTheWatershed.com	

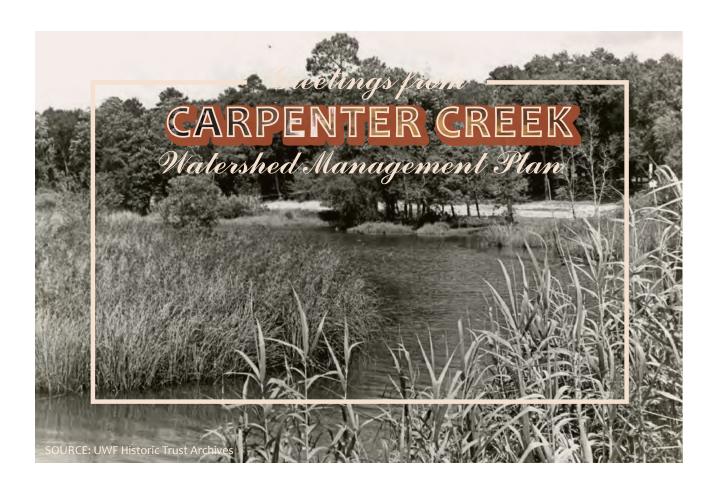








THE WATERSHED MANAGEMENT PLAN AIMS TO INCREASE THE ACCESS TO THE WATER'S EDGE
How and where do you currently access the water?
•••••
Are there obstacles that we should know about?
•••••
Want to learn more? Visit RestoreTheWatershed.com



#### THE WATERSHED MANAGEMENT PLAN AIMS TO INSPIRE A STRONG **CONNECTION TO NATURE** What are places at or surrounding Carpenter Creek and Bayou Texar that make you feel a strong connection to nature? Carpenter Creek and Bayou Texar Watershed Management Plan Project c/o SCAPE Landscape Architecture 316 St. Joseph Street New Orleans, LA 70130 Want to learn more? Visit RestoreTheWatershed.com







#### **SIGN IN SHEET**

EVENT: Public Mufing 2/19/20

**DATE: FEBRUARY 19, 2020** 

NAME	ORGANIZATION	CONTACT INFO
Peggy Moshell		peggymo@aol, com
MICHAEL WOLF	MCWOLFCONSULTANTS	MCWOLFCONSULTANTS. COM
MARILIN WOLFE		850 723 4021 (text)
Jay Erickson		850 549-5821
Julia Regrall		850-450 8488
Joe A. Edmister	,	850-433-1098
PaulaMorgonery	PAROT	montans @aol.an
Gene Buchanan	Scenictionway Foundation	on gingerlily 2718 egmail co
Deannette Norman	Droadsiew Farm	121
Randee Harfley	the Gant 32504	birdwoman 460 gmail.com
Lara Werther		Lgweathers Oyuno, com
John Melcher, Jr		Panhandle Panhandleroginail.
Betty Wilson	Pem Envt Caucus Ist	bawara gmailice
Hillian Stoge	Rasiden	Sloan 696/2 Bellsouth, no
Tammy Kouns	1 ( 3/2)( / )	lakemarie alley @ cox.no
ELISA ENDES	RESIDENT	CR. EVASSEYAHO
Shanon Posnar	Busines owners	posner Marine @ netscape ne
Jeff Posner		
John Phillips	Parker Circle N.A.	jup2@cox.net
Barbaray Fritz Buss	SOS	72 '
MATY DONOVAN		bfbyssaagmail, com
Luganne Weather	gerden club	Weather sq Q COX, NOT
Terrade Branchton		1000(1)(1) / / /
Christine Comerm	-	ccameron 491@ gman.
Lea CHORON	Resident	ccameion 49/0 gmail.

#### **SIGN IN SHEET**

EVENT: Public Muliny 2/19/20

**DATE: FEBRUARY 19, 2020** 

NAME	ORGANIZATION	CONTACT INFO
Gena With	SCAPE	gena @scapestudio.com
Denvis WARREN	Ret.	daraner song @ gmail.co
CHARCES FILLINGING		CHARLESDIC COX NET
Shavon Line 20 Hong		sharonlinezo hong@gmail.c
DAUD REFUES		brosno ham @ gol. com
Bond fireks	CNAPP	Fondhicks @ me. com
Briga Wyer	GCMCC	Bwyeregemcc.info
ED Bainer	MSA	ebauer pecodfi. us
Patricia Eduister	concerned cités	- pedriste autiedy
David Mc Aferty	Property Owner	lucky dearfe cox. net
Amy Mixon	AECOM	any mixon accom. co
Chris Stinson	Owner	Chris@metal-craft. Ne
DAVIS mucho	e Chet B	Donatcher 4@ macon
Kate Buffingto	4 CPotB	Katecoleb@yatioo.co
Elizabeth BENCHLO	uwf	ebench le ount edy
Chris Phillips		chris@hotspotscharters.co
Ted King	Pezoni	Elsing Engre Dro
ROBIN ROWAN	Scenie Way Frin tal	ion rrowan 55@ ymail. Com
MIKE HORGAN	O	HEREANINGHERY, NET
Eric Schneider	ESA	eschneider @259550c.Com
HOONED TURNER	505	huturn & Juno. com
Dale Perkins	ECMA/ (itizen	Dale Perh @ gol.com
Darry Boucheau	TNC	d badreavatri. og
Rynn Lumning	walm	J

#### SIGN IN SHEET

EVENT:	DATE: FEBRUARY 19, 2020	
NAME	ORGANIZATION	CONTACT INFO
Mollie Taylor	Greosyntic	wtaylor@geosynter.com
BLASE BUTTS	Oceanhour, Pens FAB	blase butts elive con
- DiAnePitts	Ž.	Midpits a gnail com
Lockett Debraaf	Trinitas Christian Schoo	1 lockett.degraaf@yahoo.com
David Brewer		breedavilb@msn.com
Bree Conougr		
TIM HAACO	ECUA	tim. haag @ecva.fl. gov
Mary C Williams	pinealadas on	3 3
Vicki Hall	Pineglades Neighborhood Assu	vickihalls ayahoocon
Russ Poerner	~/a	calforester 86@ anthook.com
Kuss Poerner	Self	sophizpoerner@AOL.com
-		

#### SIGN IN SHEET

EVENT:	DATE: FEBRUARY 19, 2020	
NAME	ORGANIZATION	CONTACT INFO
couri Donaso	FLOEPT OF HEALTH Escambia	595-6700 x2023
Dasinnie Sarratt	Escambia 6 Walm	850-554-3071
Thomas Mayhair	Select Specialty Hospital	850-473-4817
Matthew Kelly	Escandia Co Waln	850 595 1871
BUL DEBUSK	WATER RESOURCES GROUP	360-250-4410
Duvid Fergoson	US EPA	978-333-1934
STEPHEN HANKS	W000	856-478-75412

#### **SIGN IN SHEET**

EVENT:	NT: DATE: FEBRUARY 19	
NAME	ORGANIZATION	CONTACT INFO
Richard P. Slaan	Live on CC/Bayor Texas	RPS/oan & Bell Sorth, Net



## **VOLUME 1B**

#### COMMUNITY WORKSHOP FEBRUARY 2020 CREEK STORIES



"Whatever we can do to improve stormwater and access will pay off not just today, but into the future for this community"

Grover Robinson, Mayor of Pensacola



# Carpenter Creek

"I grew up going to Orlando and Central Florida in order to enjoy creeks. I was always so disappointed that there weren't any recreational creek opportunities in my hometown.

And then I realized, there was that opportunity there. We just hadn't been taking care of it."

Diana Alethia

# Carpenter Creek

"I've been observing the creek from a scientific point of view for 40 years... I've noticed the watershed has not changed, but amount of water that comes off has increased exponentially, because of paved roofs, driveways, parking lots, etc."

Joe Edminsten

# 9 Bayou Texar

"I learned to swim in Bayou
Texar. When we were young,
the creek was about 6 feet deep
near the 12<sup>th</sup> Avenue Bridge and
we would race around there,
playing, spending the day"

Rand Hicks

# 9 Carpenter Creek

"I grew up on a house near the 12th Avenue Bridge, back when it was a wooden bridge. When the bridge was rebuilt it created a bottleneck in the River. Before that, rumor is that the Creek was used to transport lumber"

Richard P Sloan

# ? Pensacola, FL

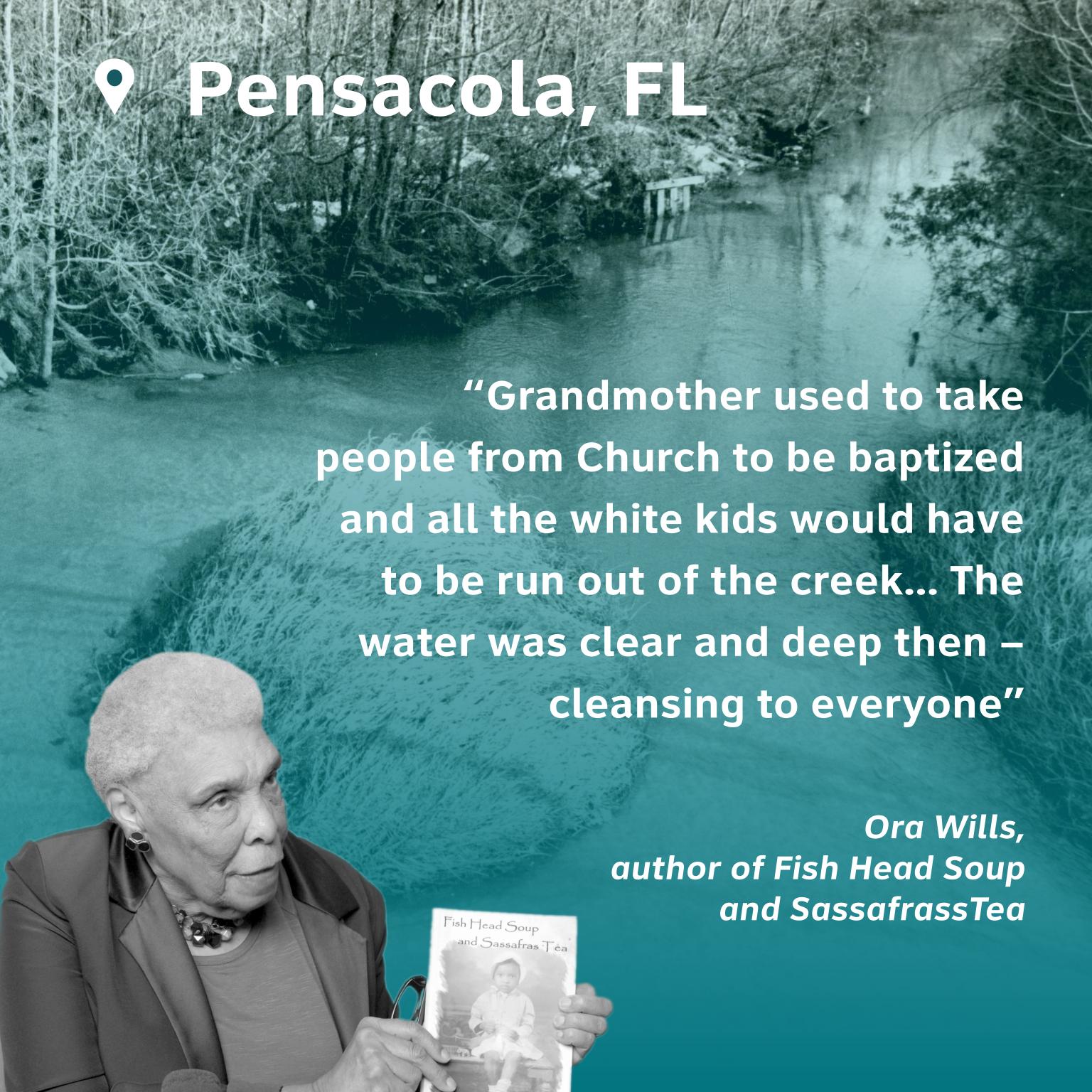
"As a little kid, we'd walk across the street to Aunt Jenny's hole. That's where I learned to swim. We'd all gather at the swimming holes as kids, where the water was crystal clear"

**Jeannette Merritt Norman** 

# 9 Pensacola, FL

"We want clearer water because there's a stump near the shoreline and we always trip on it because you can't see it in the water!"

Jonah, Olivia, and Kallie



# 9 Pensacola, FL

"In the mid-70s, the Creek was about 20 feet wide with plenty of artesian wells that pushed the sand up from the bottom of the creek. As kids, we used to step in them and see how far they could go down into the spring. There are 40 or 50 of them down there that have all been covered up over the years"

William Sloan



"Growing up, we would ride our horses up there, it was still kinda wild out here. We'd ride them down 9<sup>th</sup> avenue and go down to the creek where there was lots of lush, St. Augustine grass that the horses would love to eat"

**Suzanne Weathers** 

# 9 Carpenter Creek

'We've lived on the Creek for 25 years and have a small fishing pond in the backyard where a snapping turtle used to hang out. We took a liking to him, and would fed him and with all the food, he outgrew the pond. We tried to put him in the Creek, but three days later, we found him back in the pond! Next, we tried leaving him by the airport that time he took a week to get back to our pond. We named him Homer, because he kept coming home"

Lana Weathers

# 9 Carpenter Creek

"Growing up, it was all woods... There was one blackberry bush, that was about this high. You would have to hit it because you'd hear things scurrying around in it. But the deal was that Ma would make a cobbler if we picked the blackberries and brought them home"



Peggy Moshell



# • Carpenter Creek

"There's a lot of life in parts of the creek! It's crazy to see, just within my lifetime, the amount of degradation but also the restart. Just shows me how strong the power of life is"

Samadhi



"There's a lot of life in parts of the Creek! You don't realize how litle water they need. Whole schools of fish, living in little nothings"

Samadhi

# **VOLUME 1C**

# COMMUNITY WORKSHOP MAY 2, 2022

WOOD
SCAPE
IMPACT CAMPAIGNS
WETLAND SCIENCES
REBOL-BATTLE & ASSOCIATES

# CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN

**FOR ESCAMBIA COUNTY** 

# OPEN HOUSE / PUBLIC MEETING #3

SUMMARY MEMO MAY 2022

## **TABLE OF CONTENTS**

Summary Memo Overview	3
Schedule of Events	3
	_
Public Meeting #3 Summary	5
Overview	5
Public Meeting Participants	6
Summary of Feedback	7
Summary of Prioritization	10
Appendices	13
Appendix A - In-Person Votes Written on Post-Its	13
Appendix B - Prioritization of Draft Concept Plans	29
Appendix C - Project Email Comments	69
Appendix D - Social Pinpoint Comments	91
Appendix E - Public Meeting Presentation	99

## **SUMMARY MEMO OVERVIEW**

Task 7.2 of the project scope included a public meeting to review and collect input on 15 priority project sites developed throughout Task 4. The "open house" style public meeting was designed to help the Watershed Management Plan (WMP) Team better understand stakeholder priorities for watershed restoration, public access, and recreation, as well as to update the community on the WMP Team's planning effort.

#### **MONDAY MAY 2, 2022 AGENDA**

- Welcome (5:30-6:00)
- Introduction (6:00-6:15)
- Watershed Assessment Overview (6:15-6:30)
- Recommendations + Next Steps (6:30-6:45)
- Open House (6:45-7:30)











### **PUBLIC MEETING #3 SUMMARY**

#### **OVERVIEW**

A public meeting was held at Bayview Community Center, with the goal of informing the general public about the project and inviting watershed residents and stakeholders to engage with the team throughout the life of the project. A key objective of the meeting was to understand stakeholder priorities as the WMP team moves towards the selection of catalytic sites that will receive additional planning. Additionally, the team sought to clarify that the concept planning to date is in line with stakeholders understanding of and engagement with the watershed.

The meeting began with an introduction by Pensacola Mayor Grover Robinson, Escambia County Restore Program Manager Terri Berry, and District 4 Commissioner Robert Bender. WMP Team members from Wood and SCAPE then reviewed the team's research and public engagement processes to date and briefly introduced recommendations for 15 priority project sites through a 40 minute presentation.

An open house followed the presentation. The open house layout included tables dedicated to each project segment (Headwaters, Creek, and Bayou), staffed with experts from the WMP Team capable of answering any attendee questions and stocked with comment cards, as well as a table with a site model of the study area noting the locations of the 15 sites. All 15 concept plans were pinned up on the event's back wall. Each attendee was given three post its and was encouraged to mark their top three priority concept plans on the wall.

Overall, a range of materials were provided to facilitate attendees' feedback. These included:

- Comment cards (Appendix A)
- Prioritization post-its (Appendix B)
- Project email for further comments (Appendix C)
- Project website surveys (prior to open house; Appendix D)

**WMP TEAM OPEN HOUSE FACILITATORS:** Escambia County: Terri Berry, Brent Wipf; Wood: Christine Mehle, Jeanette Kelson, John Kiefer, Celeste Lyon; SCAPE: Gena Wirth, Sophie Riedel, Kaede Polkinghorne; WSI: Keith Johnson; Impact Campaigns: Travis Peterson, Christine Truncale; City of Pensacola: Mark Jackson, David Forte

#### PUBLIC MEETING PARTICIPANTS

Excluding the project team, 66 residents and stakeholders attended the open house:

Andy Lynn Jane Caffa

Angela Kyle Councilmember Jared Moore

**Annette Lewis** Jeff Cutte

**Bethanne Edwards** Joann Hezekiah

Bill Brazzell Joe Webb

**Blair Stephenson** Karen Webb

Bob Ozborn Keith Wilkins Brian Hoffman Kelly Moore

Brian Wyer Kristin Bennett

Caitlin Turnbull Lavice Bartlett

Carol Myers Louise Ritz

Charletha Powell Lynn Mott

Cheryl Sackman Madison O'Took

Chips Kirschenfeld Margaret Hostetter

Chris Cameron Marie Mason

Chris Curb Marilyn Wolfe

Cinderella Burt Matthew Kelly

**Dale Perkins** Mildred Cummings

Dana Morton Nan King

**David Anderson** Novella Kelly

**David Wallacy** Ora Wills

Deb Asplund **Ref Northup** 

Dee Reilly Rick O'Connor

**Dennis Peters** Commissioner Robert Bender

Dennis Warren Robert Marcoux

Diane Rickman-Buckalew Ryan Kirby

Elliot Schneider Sally Northup

Eric Schneider Councilmember Sherri Myers

George R. Winkfield Tammy Vanderheq

**Ginger Myers** Tim Day

Glenn Conrad Veronica Lloyd

Mayor Grover Robinson Vicki Hall

Hal Gordon Victoria Sauer

#### SUMMARY OF FEEDBACK

The notes below summarize feedback received in conjunction with the open house. Within the three project sub-areas, sites are listed in order of public priority, and followed by a breakdown of prioritization. For a comprehensive account of feedback received, please see Appendices A, B, C, and D.

#### **HEADWATERS**

In general, residents input regarding sites in the headwaters focused around creek restoration and conservation of upland hardwood forests. The Olive Road Headwaters and Headwaters near Burgess Road sites, both concept plans that heavily feature stream restoration and public access, emerged as priorities within the segment through attendees' post-it marking. However, comments written on the postits referred primarily to restoration while public access did not appear to be a wide-reaching priority.

- Olive Road Headwaters: 13 votes; 2 first choice votes, 2 second choice votes, 7 third choice votes, 2 Social Pinpoint votes
- Headwaters Near Burgess Road: 6 votes; 1 second choice vote, 5 third choice votes
- Olive Road + Hilburn Road Headwaters: 3 votes: 2 first choice votes, 1 second choice vote

#### **CREEK**

Sites within the project's creek segment were prioritized and discussed by more open house attendees than any other segment's project sites. Further, the team received three letters of support for the restoration and commemoration of Aunt Jennie's swimming hole, located within the boundaries of "The Creek from Davis Highway to 9th Avenue" (see Appendix C for letters of support). Feedback received underscores prior public input and team research on the historic and cultural importance of the creek from Davis Highway to N 12th Avenue.

Additional concerns across the creek include litter and dumping, homelessness, and a desire for more expansive public access programming including kayaking, trails, and fishing.

- The Creek from Davis Highway to 9th Avenue: 82 votes; 34 first choice votes, 4 second choice votes, 4 third place votes, 10 Social Pinpoint votes, 30+ votes via email
- The Creek from 9th Avenue to 12th Avenue: 29 votes; 12 first choice votes, 10 second choice votes, 3 third choice votes, 5 Social Pinpoint Votes, 1 Social Pinpoint veto
- Sacred Heart Campus: 9 votes; 7 second choice votes, 2 third choice votes
- The Creek at Sterling Hills: 4 votes; 3 first choice votes, 1 third choice vote
- The Creek at Shiloh Drive: 1 Social Pinpoint Veto

#### **BAYOU**

Attendees prioritized the Collection of Bayou Outfall Sites over the other two sites located within the project's bayou segment. However, conversations at the open house around existing and past initiatives at outfalls along Bayou Texar indicated that resources might be better allocated to headwaters and creek sites in order to avoid redundant investments.

- Collection of Bayou Outfalls: 20 votes; 10 first choice votes, 4 second choice votes, 5 third choice votes, 2 Social Pinpoint votes, 1 Social Pinpoint veto
- Baars Park on the Bayou: 6 votes; 1 first choice vote, 2 second choice votes, 1 third choice vote, 2 Social Pinpoint votes
- Semmes Elementary and the Bayou: 2 votes; 1 second choice vote, 1 third choice vote

Overall, challenges that reappeared across open house conversations and written comments included litter and dumping, homelessness, and water quality issues. Resounding opportunities included the cultural legacy offered by the creek from Davis Highway to N 12th Avenue, the ability to continue preserving upland forest in the headwaters, and the possibility for expanded blueway access to the creek.











Open House attendees reviewing concept plans and using post-its to mark their top three priority sites



Open House attendees wearing "We Are Carpenter Creek" T-shirts and listening to the introductory presentation by the WMP Team (Courtesy of Pensacola News Journal and Gregg Pachkowski)

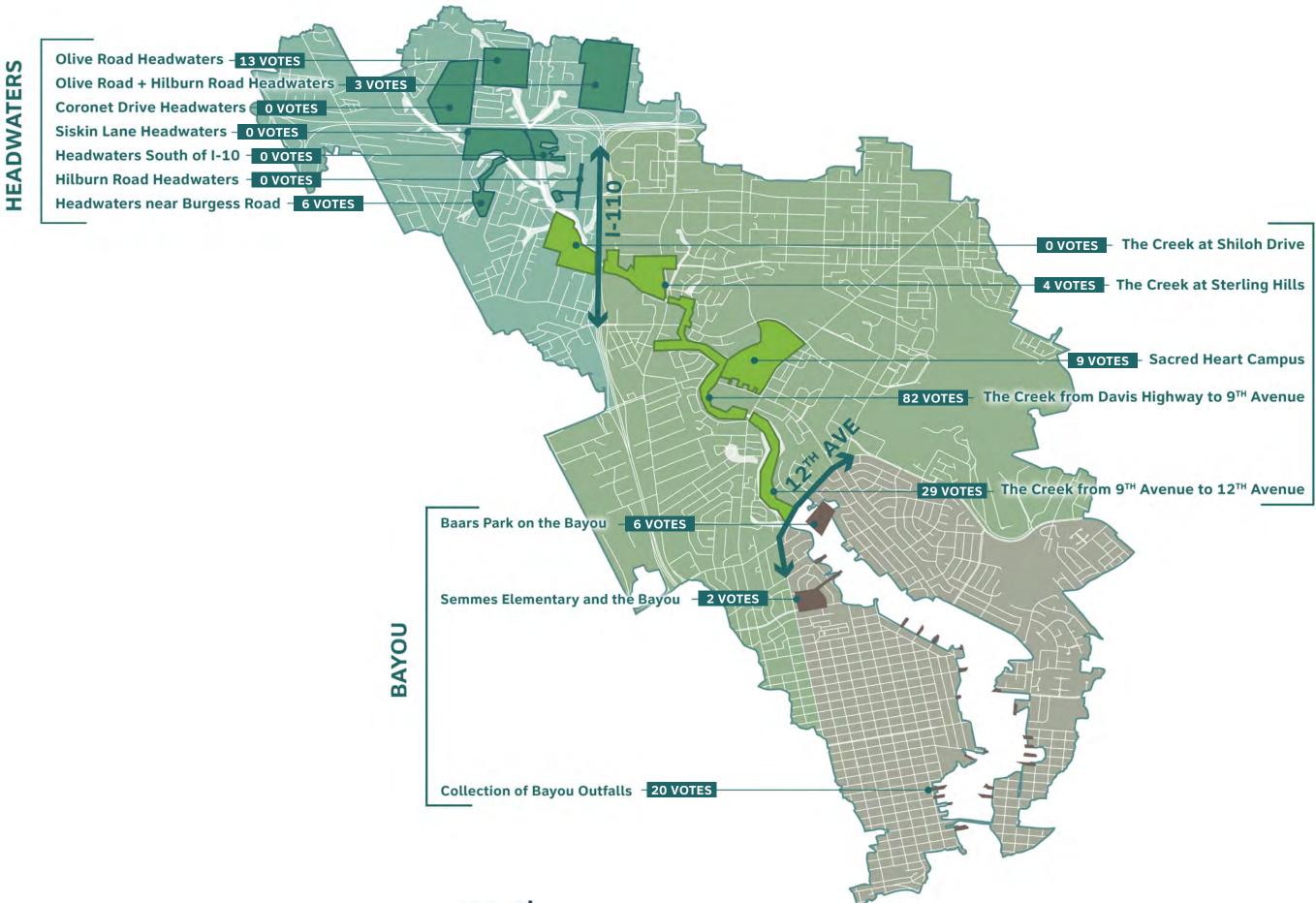


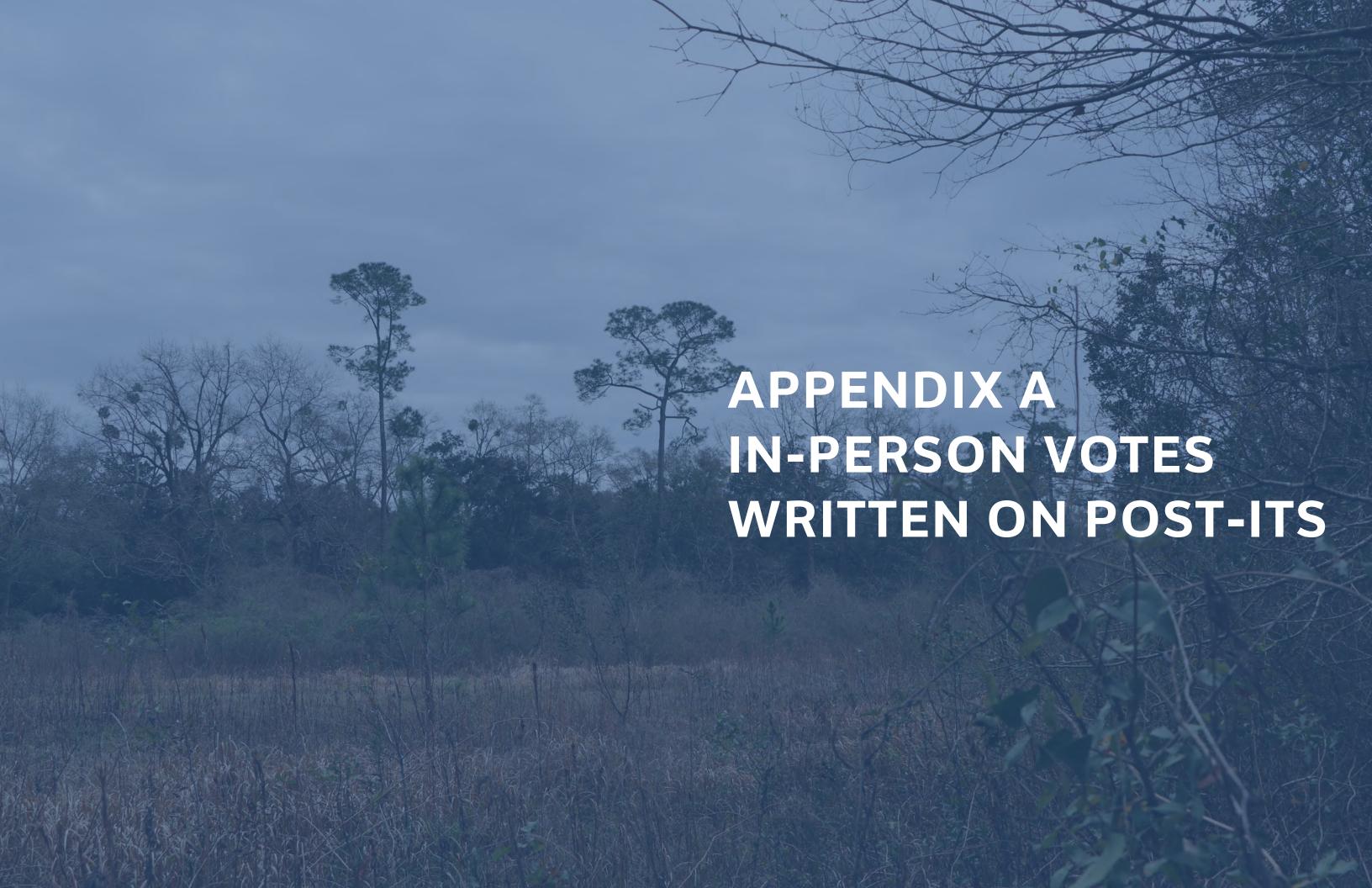
An Open House attendee and WMP Team member discussing a concept plan at the Headwaters table



A site model of the watershed with flags marking each priority project site aids attendees in connecting the sites







SITE:	
WHAT WOULD YOU CHANGE?	<i></i>
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	/HAT WOULD YOU CHANGE?

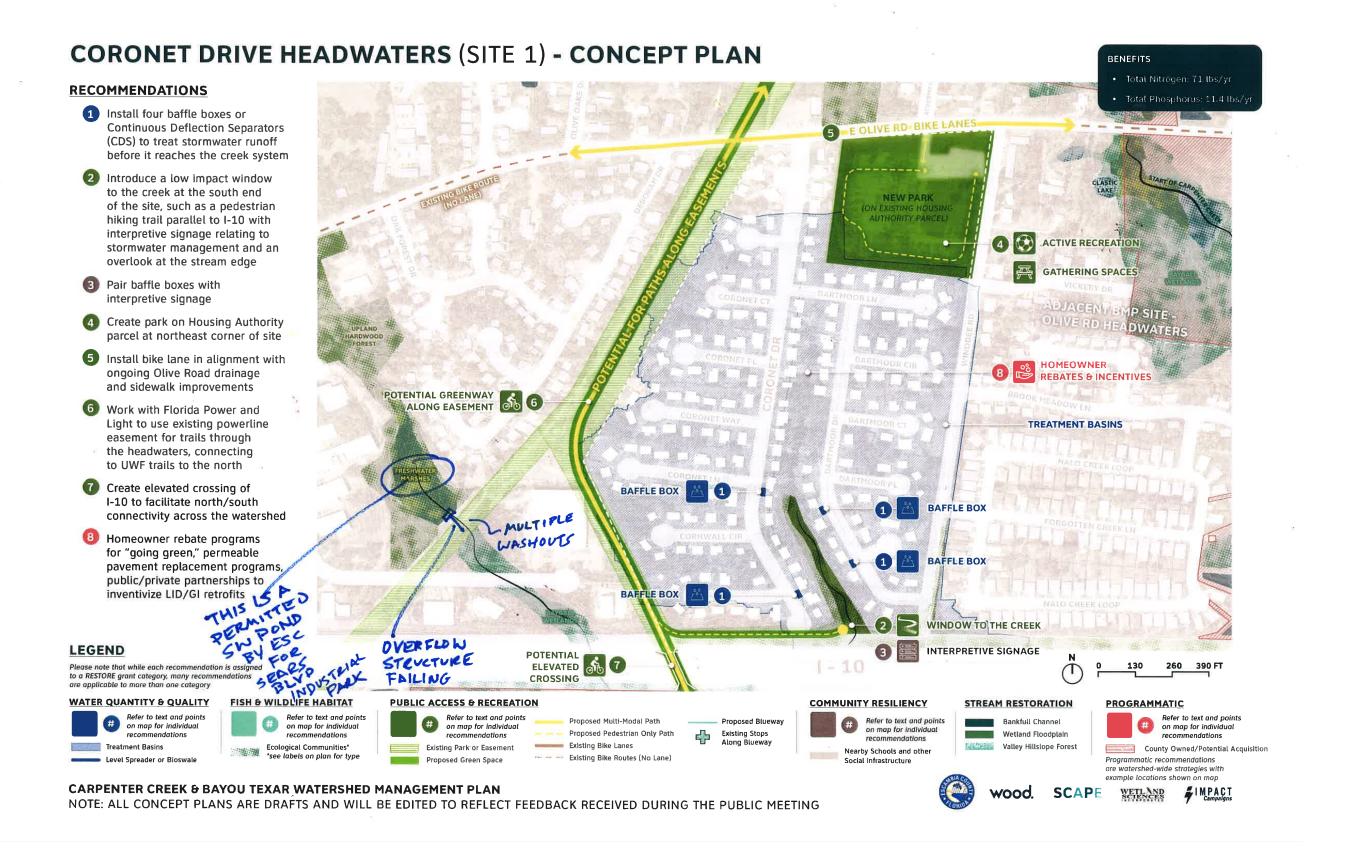
### WE WANT TO HEAR FROM YOU! TELL US YOUR THOUGHTS OR QUESTIONS BY SITE! NAME: Chris Curb WEST OF SITE 1 WHAT ARE YOUR THOUGHTS ON THIS SITE? WHAT DO YOU LIKE? WHAT WOULD YOU CHANGE? FRESHWATER MARSH OFF SEARS BLVD TO THE WEST (6) IS ACTUALLY A PERMITTED WET DETENTION POND FOR SEARS INDUSTRIAL PARK BY ESC. EXISTING CMP OVERFLOW STRUCTION IS FALING AND THE LAKE (WETPOND) DAM HAS HISTORICALLY WASHED OUT & REPAIRED A FEW TIMES. ECUA OWNS THE PROPERTY. NEED TO ADD ANOTHER SITE ADDITION TO CORNET DRIVE HEADWATERS (SEARS BLVD) GENERAL COMMENTS OR QUESTIONS? CALL ME; ESC RECORDS FOR THE SITE (SEARS) ARE DIFFICULT TO LOCATE EVEN FOR THOSE THAT KEEP THE RECORDS FOR ESC wood. SCAPE WETLAND FIMPACT

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do you suggest?	G. Myers
wood.	SCAPE WELLAND SIMPACT

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Deb Asplund.	SITE:
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NAME:	Creek Segment - Arport S. Part Lotura	_8
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		-
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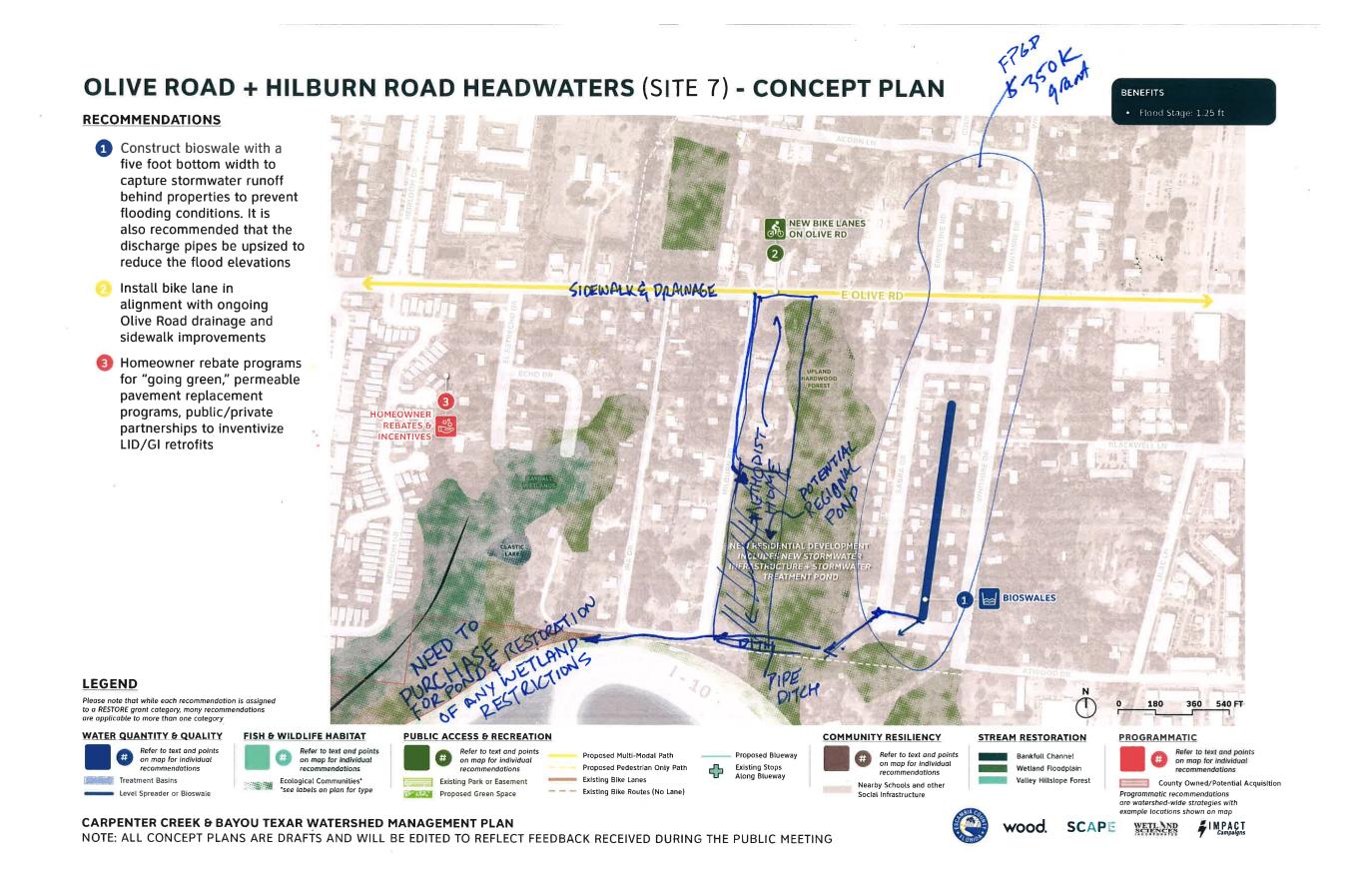


















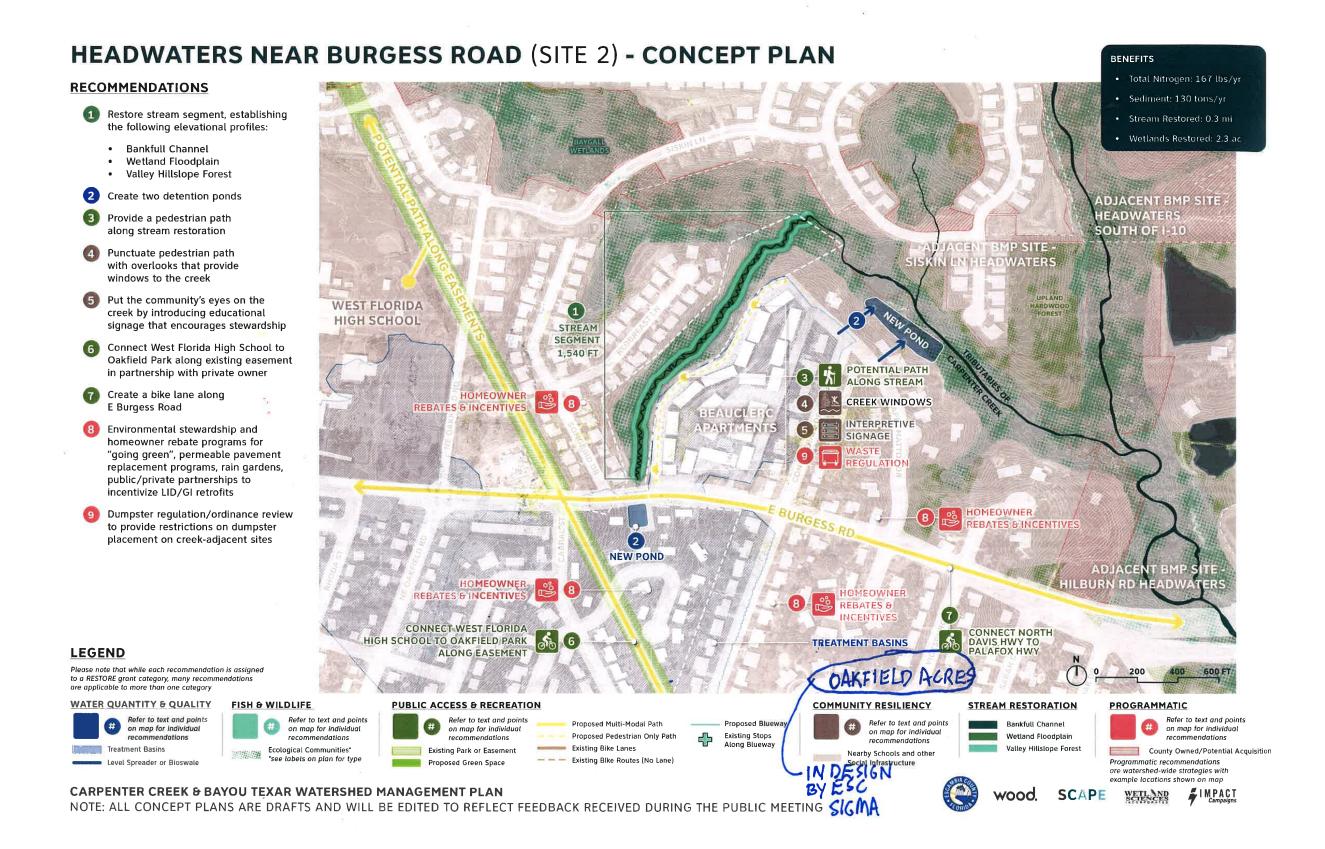






















#### Carpenter Creek & Bayou Texar Watershed Management Plan Public Meeting #3 220502

HEAD	WATERS VOTES
Headwaters Synthesis Map Votes	6
First Choice Votes	3
Second Choice Votes	2
Third Choice Votes	1
Comments	Start first
	Community priorities: Strengthen land development codes to provide for huge (500-1000) setbacks, prevent deforestation. Build appropriate stormwater management infrastructure. Develop funding mechanisms for implementation.
Olive Road Headwaters	11
First Choice Votes	2
Second Choice Votes	2
Third Choice Votes	7
Comments	How will freshwater marshes be protected? Want beavers protected vegetation to be planted?
Olive Road + Hilburn Road Headwaters	3
First Choice Votes	2
Second Choice Votes	1
Third Choice Votes	0
Comments	0
Headwaters near Burgess Road	6
First Choice Votes	0
Second Choice Votes	1
Third Choice Votes	5
Comments	Pervious pavers choice for homeowners
	Maintain monitoring and oversight to protect/improve current "green" condition of headwaters sites

CREEK VOTES		
Creek Synthesis Map	3	
First Choice Votes	3	
Second Choice Votes	0	
Third Choice Votes	0	
Comments	0	
The Creek at Sterling Hills	4	
First Choice Votes	3	
Second Choice Votes	0	
Third Choice Votes	1	
Comments	Clean up the dirtiest	

Sacred Heart Campus	9
First Choice Votes	0
Second Choice Votes	7
Third Choice Votes	2
Comments	Opportunity for connection between health and nature
The Creek from Davis Highway to 9th Avenue	42
First Choice Votes	34
Second Choice Votes	4
Third Choice Votes	4
Comments	Recognition of cultural significance of Carpenters Creek
	Ora Wills Aunt Jennie's Derchdat (?)
	Water quality of the creek should be highest priority at this point
	Public art, nature trail, honor the sacred legacy of this site
The Creek from 9th Avenue to 12th Avenue	25
First Choice Votes	12
Second Choice Votes	10
Third Choice Votes	3
Comments	Green and blue spaces along Carpenters Creek
	We kayak regularly and most trash winds up at 12th St marsh. Also, not all areas of marsh shown are navigable especially north side of the marsh.

BAYOU VOTES		
Bayou Synthesis Map Votes	2	
First Choice Votes	0	
Second Choice Votes	0	
Third Choice Votes	0	
Comments	Is it possible to provide trash container in more locations for the homeless people?	
	I was kayaking at the point where Bayou and saw human excrement floating by	
Semmes Elementary and the Bayou	2	
First Choice Votes	0	
Second Choice Votes	1	
Third Choice Votes	1	
Comments	0	
Collection of Bayou Outfalls	20	
First Choice Votes	10	
Second Choice Votes	4	









Third Choice Votes	5
Comments	Blueways kayak launches clear water
	We kayak a lo ton th eBayou and oen of the most obvious problems is trash, fishing lines, and debris from homeless campsites
	Limit length of new docks and piers to impediment of "flushing" and heighten boater safety
	Stormwater runoff gutter cleaning app - volunteers would agree to monitor 1 gutter to make sure it is free of debris, the app notifies them to clean on a regular basis and before major storms
	Educate homeowners on stormwater drains
	Encourage homeowner buffer development
	Facilitate trash pickup and collection at public access sites
Baars Park on the Bayou	4
First Choice Votes	1
Second Choice Votes	2
Third Choice Votes	1
Comments	0



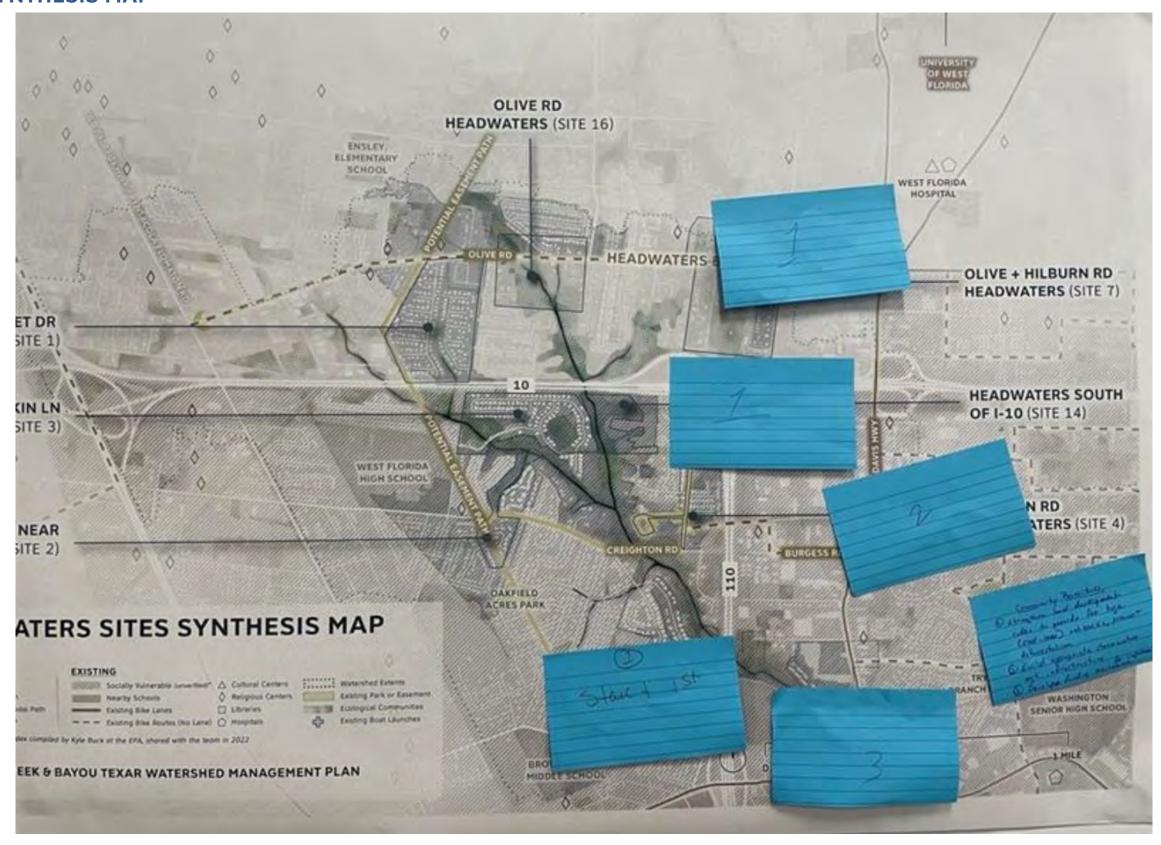






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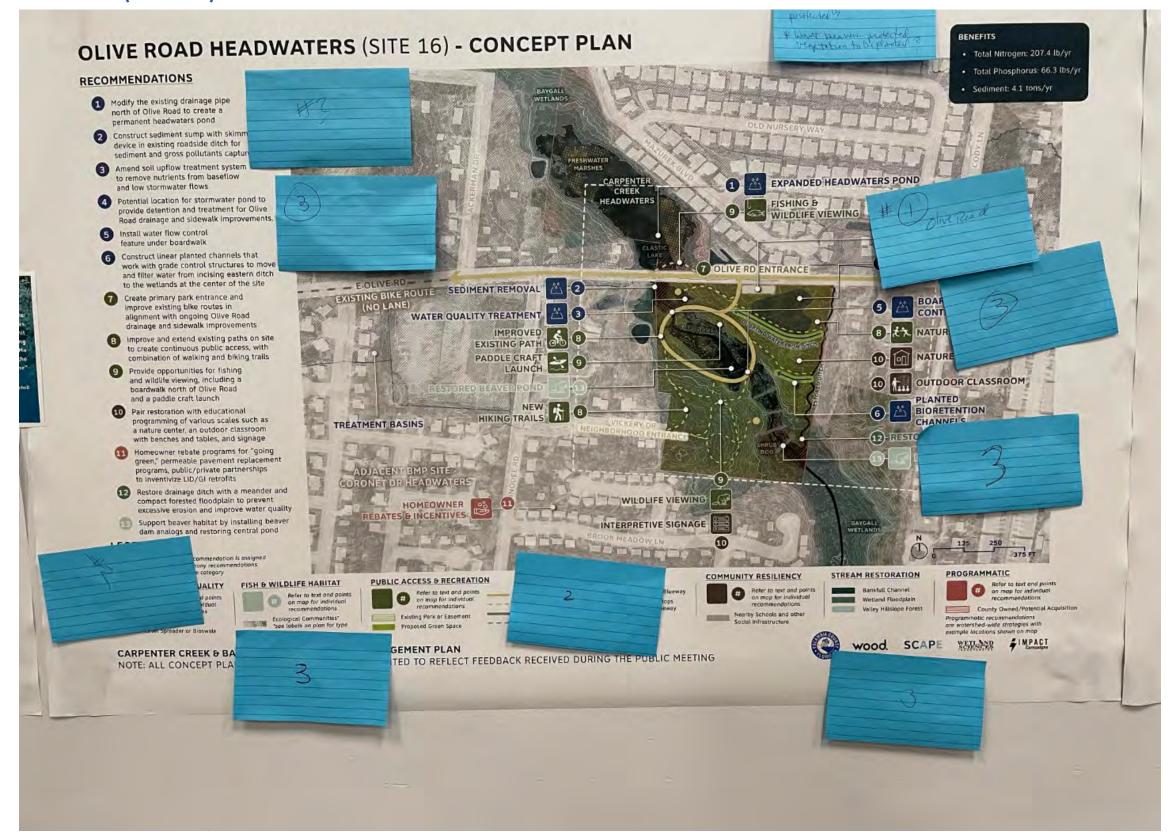
#### **HEADWATERS SYNTHESIS MAP**







### **OLIVE ROAD HEADWATERS (SITE 16) CONCEPT PLAN**







### **CORONET DRIVE HEADWATERS (SITE 1) CONCEPT PLAN**







### **HEADWATERS NEAR BURGESS ROAD (SITE 2) CONCEPT PLAN**





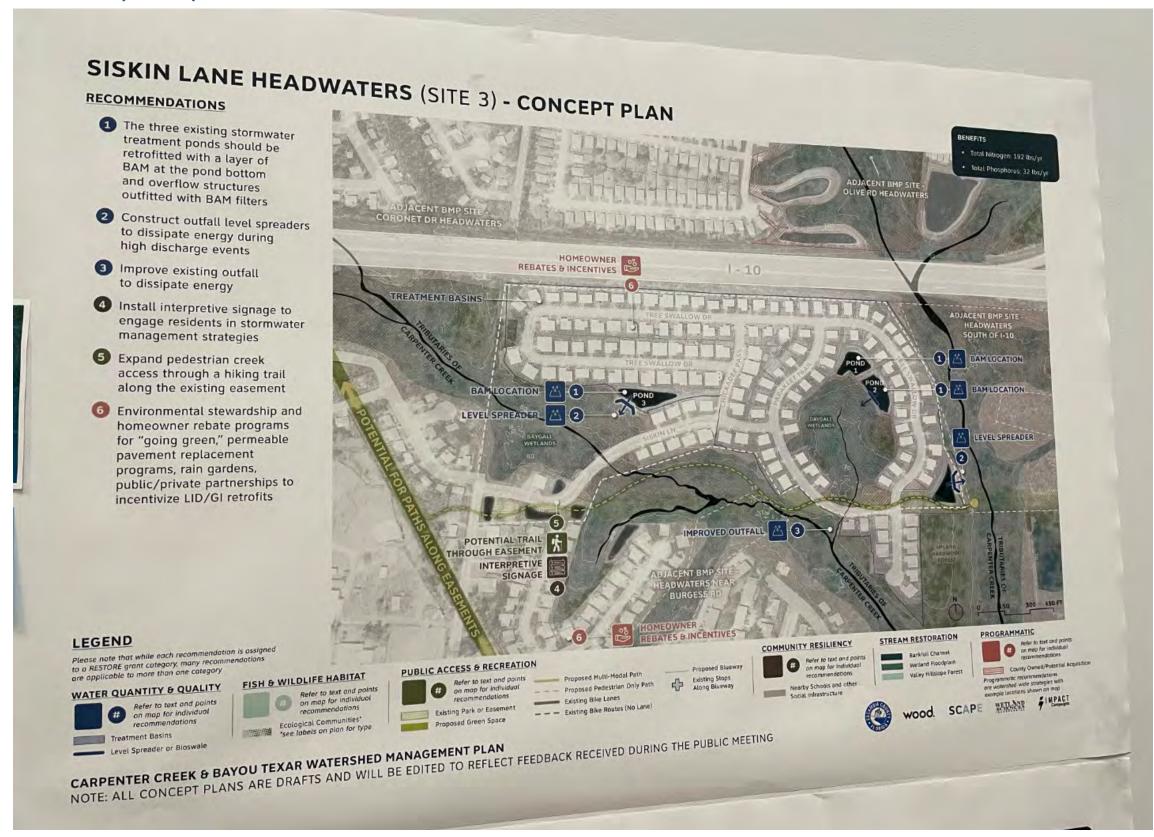


### **HILBURN ROAD HEADWATERS (SITE 4) CONCEPT PLAN**



















### **OLIVE ROAD + HILBURN ROAD HEADWATERS (SITE 7) CONCEPT PLAN**







#### THE CREEK AT SHILOH DRIVE









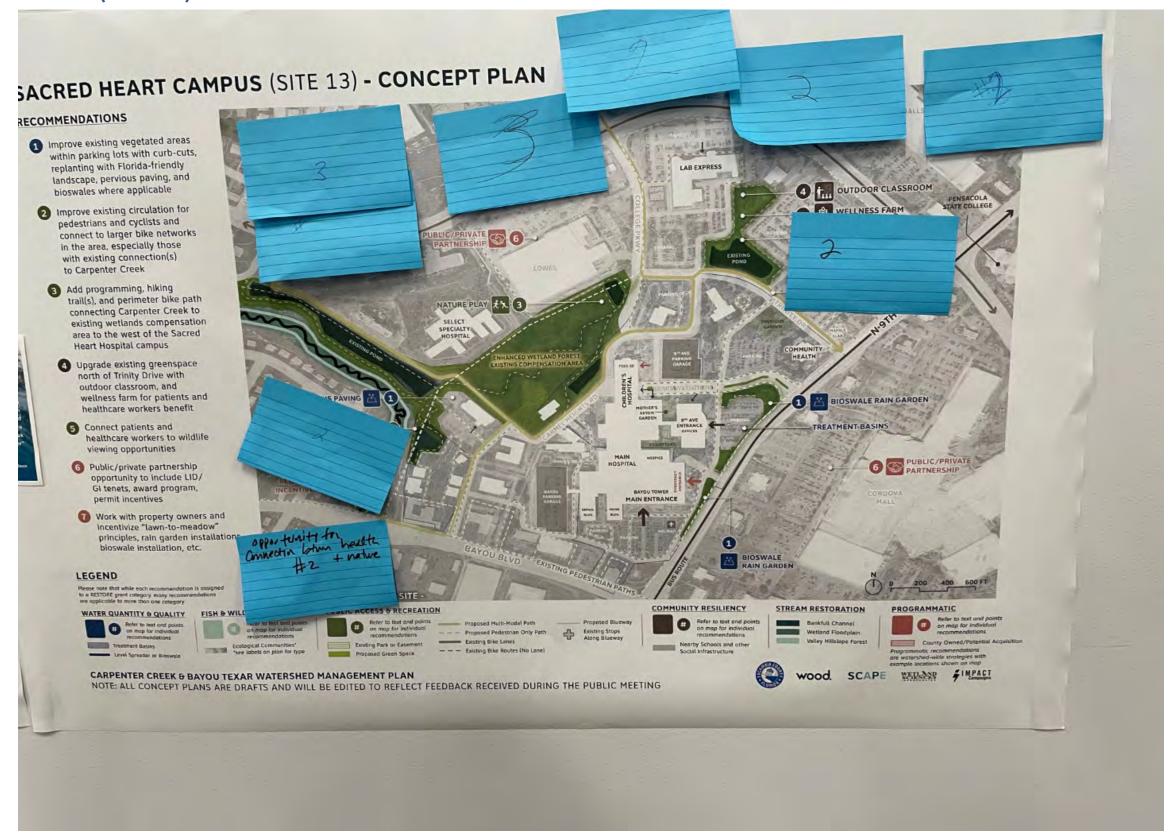
#### THE CREEK AT STERLING HILLS







#### **SACRED HEART CAMPUS (SITE 13) CONCEPT PLAN**

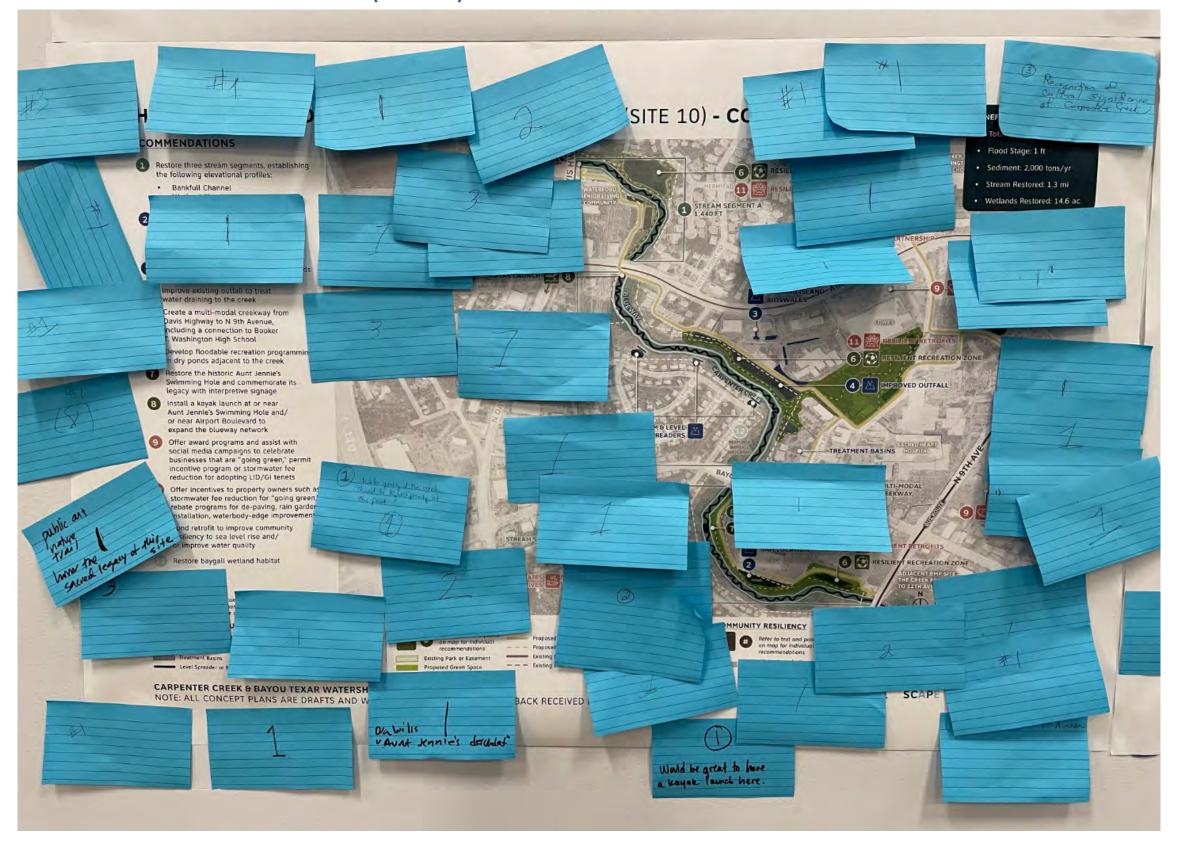


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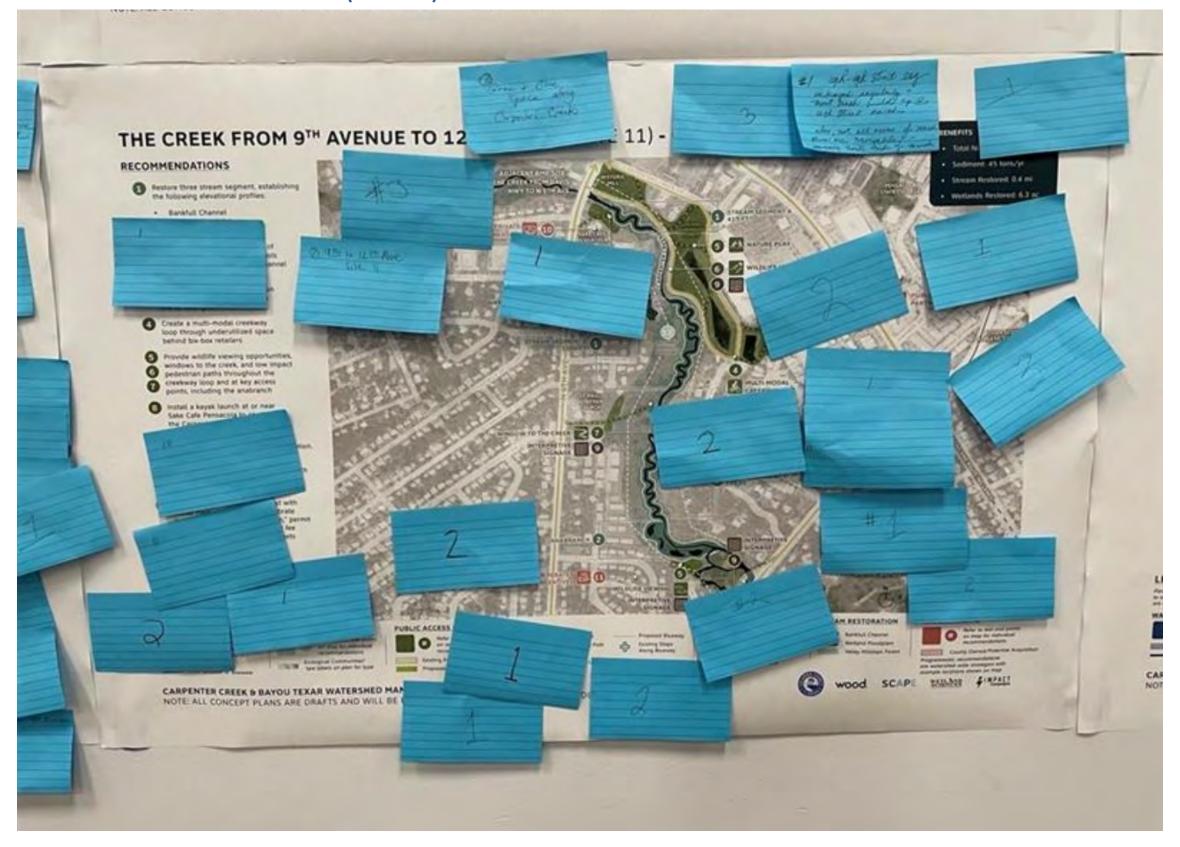
#### THE CREEK FROM DAVIS HIGHWAY TO 9TH AVENUE (SITE 10) CONCEPT PLAN







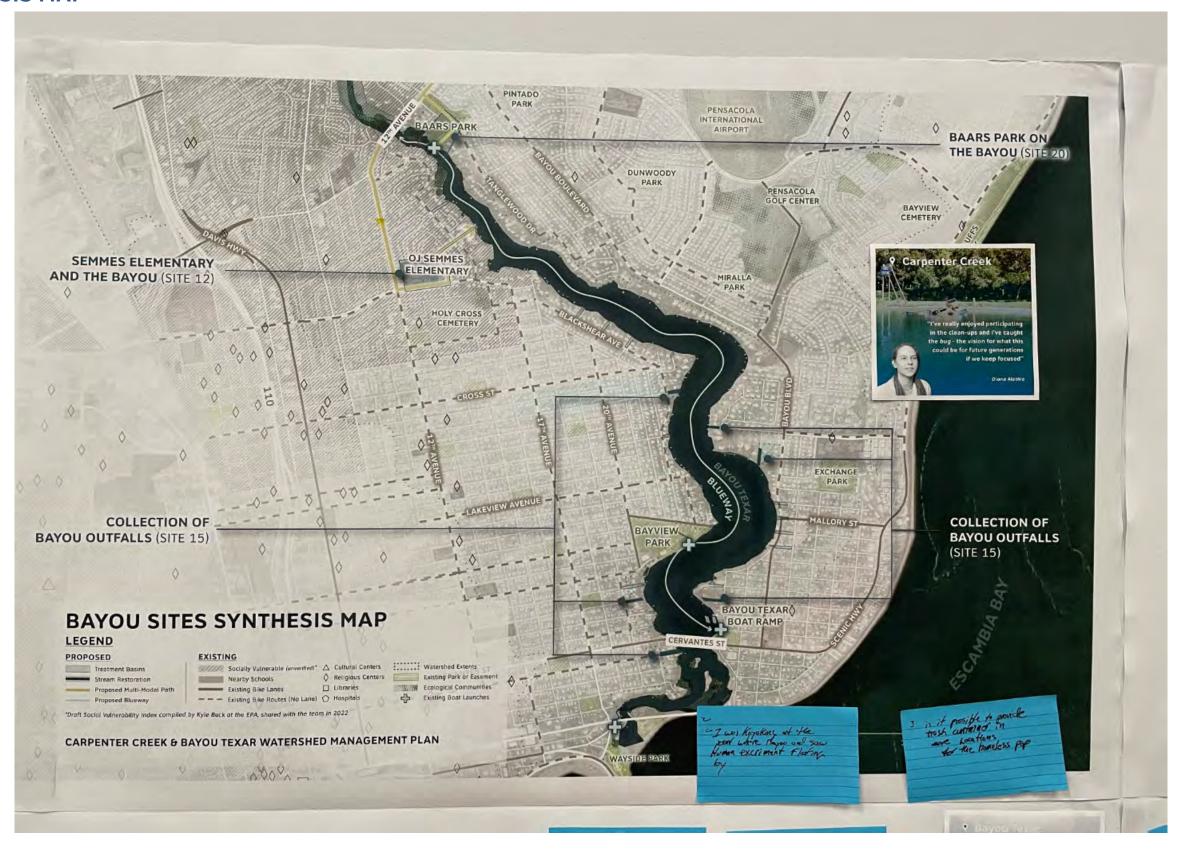
#### THE CREEK FROM 9TH AVENUE TO 12TH AVENUE (SITE 11) CONCEPT PLAN







#### **BAYOU SYNTHESIS MAP**







#### SEMMES ELEMENTARY AND THE BAYOU (SITE 12) CONCEPT PLAN

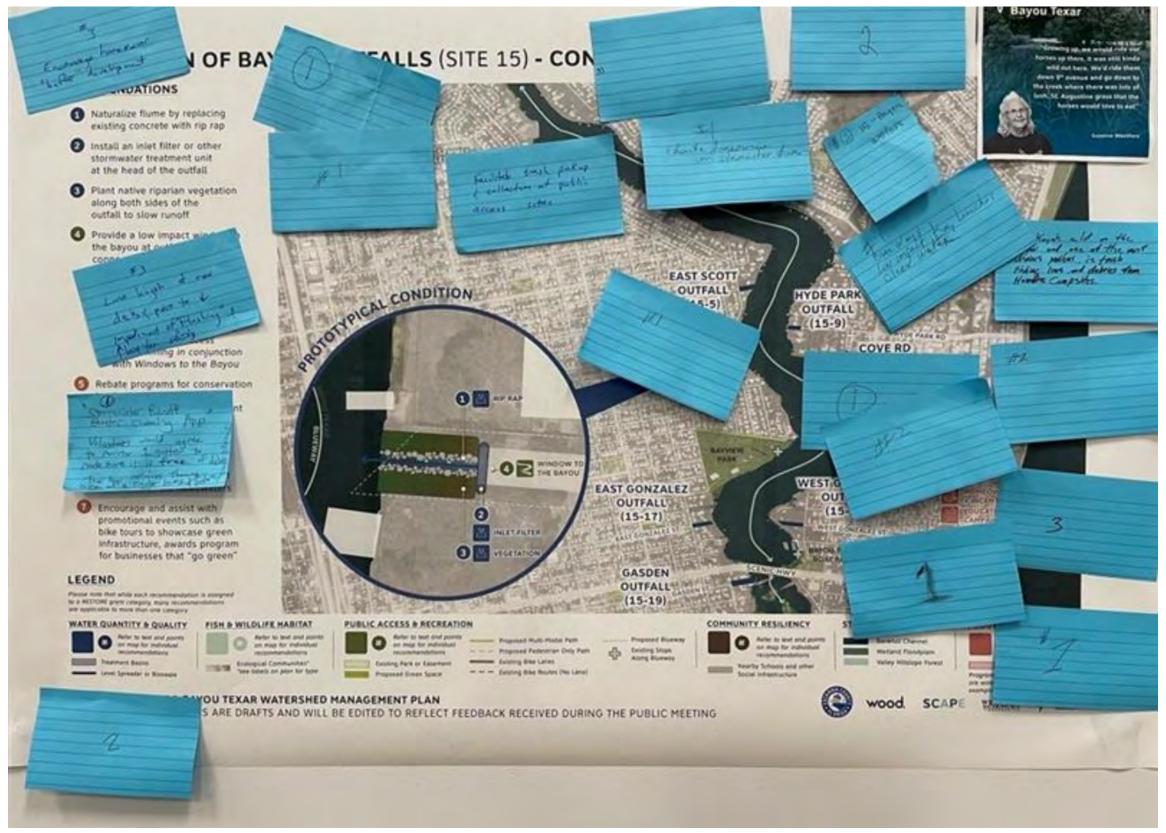


62





#### **COLLECTION OF BAYOU OUTFALLS (SITE 15) CONCEPT PLAN**







#### **BAARS PARK ON THE BAYOU (SITE 20) CONCEPT PLAN**











May 2, 2022

Ms. Terri Berry Carpenter Creek & Bayou Texar Watershed Management Plan 200 East Government Street, Suite 220 Pensacola, FL 32502

#### VIA EMAIL ONLY to Terri Berry@myescambia.com

Restore the Watershed - Catalytic Site Selection

Dear Ms. Berry:

The Cultural Landscape Foundation® (TCLF) appreciates the opportunity to provide this letter urging key stakeholders in Escambia County, the City of Pensacola, and the consultant team led by WOOD Plc to include "The Creek from Davis Highway to 9th Ave" segment in the final list of three catalytic sites for recreation, public access, and restoration.

As background, TCLF was founded in 1998 with the mission of connecting people to places. TCLF educates and engages the public to make our shared landscape heritage more visible, identify its value, and empower its stewards. TCLF achieves this mission through the ongoing development of its four core programs, including its Landslide® program, which makes visible and monitors an ongoing collection of important landscapes and landscape features that are threatened with erasure because of inadequate stewardship and/or proposed project work.

TCLF included Carpenter Creek in its 2021 thematic Landslide report, titled Race & Space, and follow-up Landslide Conversations with the goal of elevating national awareness of Carpenter Creek and positioning it as an exemplar that embraces its cultural and ecological narratives through stewardship, design, and management.

From 1901 to the mid-1950's the Hudgins and Dawson families resided in the East Brent area on a tenacre parcel of land adjacent to the Creek. Jennie Hudgins and her daughter-in-law Minnie earned money laundering clothes for their white neighbors. In 1922 Jennie aka "Mother" Hudgins, co-founded New Hope Missionary Baptist Church and used the Creek for ceremonial baptisms. The deep swimming hole adjacent to this land became colloquially known as "Aunt Jennie's." The history of this area as well as vivid descriptions of the natural beauty of the Creek and its surroundings lives on through the writings of Jennie's great-granddaughter, Ora Dawson Wills, a noted local historian, and author of the books Fish Head Soup & Sassafras Tea and Talking to the Night.

When the Hudgins descendants sold the land adjacent to the Creek in 1956 the African American community lost access to the swimming hole. A 1959 Pensacola News-Journal article (below) documents the racial discrimination that limited access to local waterways, and the specific loss of Jennie's swimming hole as the community's "last resort."

In March 2022, in celebration of New Hope Baptist Church's centenary, oral histories with some of the church's oldest living members chronicled the Creek's significance to the African American community.

The Cultural Landscape Foundation 1711 Connecticut Avenue NW. Suite 200, Washington, DC 20009 TEL / 202.483.0553 FAX / 202.483.0761

70

tclf.org | connecting people to places

At present, municipal city officials have proposed the re-naming of the 9th Avenue Bridge to commemorate Jennie Hudgins' legacy and the consultant team has proposed the restoration of the swimming hole to its previous depth. However, we respectfully urge that the next steps in this process go beyond mere interpretive text panels and go further to make more deeply visible (and instill value for) the legacy of this nationally significant cultural landscape. This is an opportunity to invite more creative consideration of the types of amenities and activities that have the power to "daylight" the site's unique narrative history and its associated cultural lifeways.

Thank you in advance for your consideration. Please feel free to reach out to TCLF if we may answer any questions.

Sincerely,

Charles A. Birnbaum, FASLA, FAAR President and CEO











On Thu, Apr 28, 2022 at 3:04 PM Travis Peterson <travis@impactcampaigns.com> wrote: Hi Diane, Neighbors, and County folks-

Here is what Tim Kelly with Wood Environment & Engineering's design team said in reference to your questions. I should note that the actual engineering & planning for each of these concepts may be separate county projects. Tim alludes to this in his response, but for instance, there are two projects currently out for proposals right now relating to the Headwaters concept (one for the amenities/recreational piece and another for the stormwater/environmental piece). I would assume that each of those separate projects would include outreach and consultation with property owners like you, so there will be continued opportunities to refine and improve these concepts.

Let me know if you have any more questions, and we'll get them answered. Thanks again for your thoroughness and for reaching out!

Travis Peterson (850) 501-5262

1

We would be glad to answer Diane's concerns. And a big thanks to Diane for the pictures as storm event pictures area very useful information for design efforts of a system like this.

The conditions of stormwater overflowing the Mazurek Blvd. storm sewer system are inherent with the design of that subdivision drainage system and the proposed Headwater Improvements are not geared to address that localized issue. Nor will the Headwater Improvements make it the Mazurek Blvd. drainage conditions any worse.

The Site 16 Conceptual Improvements are just that, conceptual. However having water pond on the north side of the highway would provide a lot of water quality benefit at a very reasonable cost. The concept included a quick flood routing modeling exercise to confirm no adverse impacts to the property owners on the north side of the road. The concept, though it does increase the elevation in the pond above which the pond will overflow, also includes installation of an additional culvert under Olive Road at a higher elevation to make it so the system capacity remains the same during all storm events. The conceptual pond overflow structure would also be less apt to get blocked by storm debris as compared to the existing culvert system. If Escambia County chooses to implement this concept, their design team will run all contingency conditions during the design and permitting process to ensure property owners like Diane as well as down stream property owners will only see improved conditions from a storm surge perspective.

The probable area for the beavers to reclaim their pond will likely be close to where the southern boardwalk concept would cross the creek (which matches the old beaver dam location pretty closely). This elevation is several feet or more below the Olive Road pipe inverts and an additional several feet lower than the concept pond control elevation on the north side of Olive Road. During the design of the Headwaters project, a beaver expert will be consulted for further input beyond what information is known about past beaver dams on the property. This will all be considered in the design so that even with a new beaver dam in the Headwater Creek area, the area properties will not be adversely impacted from higher water levels (between or during severe storm events).

As far as the watercraft goes, yes, if implemented, it would only be non-motorized craft such as kayaks, etc. This would very likely be limited to the south side of Olive Road where property ownership is in total control of Escambia County. There are several litter control elements conceived for the Headwaters and public education signage will be posted near those water quality features.

We hope this addresses Diane's concerns and we'd be happy to address any other questions on the Headwater Concepts Plan!

Tim

**Timothy Kelly** 

Project Manager

#### www.woodplc.com

On Thu, Apr 28, 2022 at 10:09 AM Diane Pitts <midpitts@gmail.com> wrote:

Chirstine, I am not sure I will be able to make this meeting. I did want to make sure your group was aware of some concerns I have regarding Site 16 plans. The plans show the intention of blocking (hopefully just partially) the drainage of Carpenters Creek north of Olive Rd. I have included in this email contacts with the engineering department that are aware of these concerns as well as my neighbors. Could you please make sure it gets to the proper folks in your organization, as well? I would like assurance that the blockage of the creek's outlet under Olive Road, mentioned for Site 16, would not be such that it would cause flooding









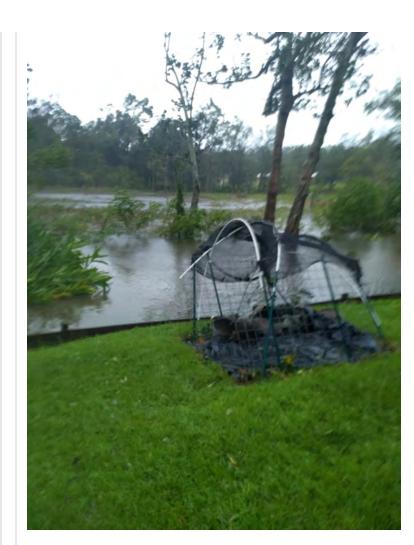
problems to my property and others that back up to the headwaters of carpenters creek. My house is built up high, but we have some low lying homes that back up to the pond area, as well. None of us want flooding or erosion problems to be caused by this change.

Also, the launching site planned for accessing the pond would only be for non motorized paddle boards and kayaks, right? We don't want any loud and or motorized boats in this area. It would disturb the wildlife and the peaceful environment. What will be done to control the litter that, unfortunately, comes when people access natural areas?

I live at and back up to this area. There are problems with stormwater runoff from Mazurek into the Carpenters Creek headwaters. The county engineering department has been aware of the issue for years and has attempted to alleviate the issue but it hasn't worked. They said the pipes and retention ponds for our area of the subdivision are undersized and a new plan is/was?? developed but they need funding and it isn't a top priority as the issue has only caused problems with eroding my neighbors yard to the such that it took close to \$30K over the years to repair the damage to their yard. There is another house further down Mazurek that had a similar issue and brought in many many dump trucks of fill to fix their yard. The picture I have attached shows the main areas(red arrows) where I am aware the water flows when it breaches the curb due to the stormwater system failure. A tremendous amount of water flows through these areas when the system is overwhelmed with heavy rain events. Of course water enters it in other locations that surround the pond as it is down hill from the surrounding terrain.



This is a picture of how full the pond was after Hurricane Sally. The pond was blocked (I assume by beaver dams) and had water in it at a normal level until Hurricane Sally which made the pond so full it covered all the marsh grass... you could just see the tops of the grass. The water came up to the top of the boards that divide my yard. The beaver dams apparently gave way and this water emptied in a matter of a few hours of when I took this picture. If the water had continued to rise, as it would if the pond outlet under olive rd were fully blocked permanently, it could have been a real problem for us back up to the pond. While I like the pond at its standard depth, my concern is the pond needs to be able to drain and not be totally blocked up north of Olive Rd where it could cause problems like this or worse in the future. My low lying neighbors had water up really close to the back of their homes.



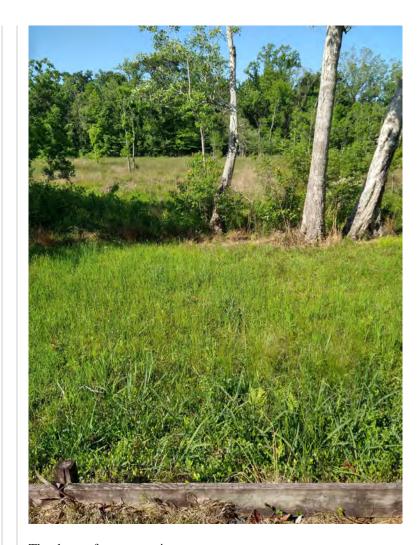
A picture I took from today to give you a comparison so you can see how much water this actually was in the pond.

3









Thank you for your assistance.

Diane Pitts 850-341-6982

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Florida Office 306 North Monroe Street Tallahassee, FL 32301 850.222.7911

tpl.org

#### VIA EMAIL ONLY to Terri\_Berry@myescambia.com

April 26, 2022

Terri Berry Carpenter Creek & Bayou Texar Watershed Management Plan 200 East Government Street, Suite 220 Pensacola, FL 32502

Restore the Watershed - Catalytic Site Selection

Dear Terri:

78

The Trust for Public Land (TPL) appreciates the opportunity to provide this letter urging the planning team to include "The Creek from Davis Highway to 9th Ave" segment in the final list of 3 catalytic sites for recreation, public access and restoration.

The Trust for Public Land's mission is to create parks and protect land for people, ensuring healthy, livable communities for generations to come. Since 1972, TPL has completed more than 4,700 land protection projects resulting in the conservation of 3.9 million acres of land, valued at more than \$8.8 billion. In addition, our Conservation Finance team has raised over \$83 billion for conservation through state and local ballot measures.

Over the past 20+ years, TPL has collaborated with Escambia County, the City of Pensacola, and other state and federal partners on a number of land conservation and park projects in the county. Notably, TPL helped to acquire the site of the Community Maritime Park, several acquisitions of land on Perdido Key and Escribano Point, as well as the acquisition and construction of Innerarity Point Park. We are proud of the work we have done and appreciate the partnership with the county.

Our work in protecting land for people includes the preservation of important cultural sites,

including sites that are important in Black history and culture. Carpenter Creek has a legacy and history important to the historically Black community that has lived alongside the creek for generations.

From 1901 to the mid-1950's the Hudgins and Dawson families resided in the East Brent area on a 10-acre parcel of land adjacent to the Creek. Jennie Hudgins and her daughter-in-law Minnie earned money laundering clothes for their white neighbors. In 1922 Jennie aka "Mother" Hudgins, co-founded New Hope Missionary Baptist Church and used the Creek for ceremonial baptisms. The deep swimming hole adjacent to this land became colloquially known as "Aunt Jennie's". The history of this area as well as vivid descriptions of the natural beauty of the Creek and its surroundings lives on through the writings of Jennie's great-granddaughter, Ora Dawson Wills, a noted local historian and author of the books Fish Head Soup & Sassafrass Tea and Talking to the Night.

In December of 2021 the Cultural Landscape Foundation featured "Jennie's Swimming Hole" in their annual report "Landslide: Race & Space" spotlighting the location's significance to the spatial memory of Pensacola's African-American population.

When the Hudgins descendants sold the land adjacent to the Creek in 1956 the African-American community lost access to the swimming hole. A 1959 Pensacola News Journal article (attached) documents the racial discrimination that limited access to local waterways, and the specific loss of Jennie's swimming hole as the community's "last resort."

Given the residential and commercial density of the Brent Lane corridor, the adjacency of Sacred Heart Hospital, and the dozens of retail and commercial establishments in the vicinity, focusing public access and the development of public amenities in this location would deliver major catalytic impact not only for the community in the immediate vicinity, but also for the thousands of local residents who traverse the corridor daily, in addition to economic impact for nearby businesses. Given the site's rich history, the creative opportunities for development at this site go beyond commemorative markers and interpretive signage and could include the combination of trails and walking paths with public art or installations reflective of both the sacred and secular legacy of "Jennie's swimming hole."

Thank you in advance for your consideration and please reach out to me with any questions.

Sincerely,

Kate Brown

Senior Project Manager







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CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN

80

----- Forwarded message -----

From: Melanie McConnell < melaniemcconnell@me.com>

Date: Fri, May 6, 2022 at 1:02 PM Subject: Re: Contact person

To: Travis Peterson < travis@impactcampaigns.com>

Travis, thank you for the clarification and detail of the concept for Hyde Park Road. Here are some of the concerns of the neighbors on either side of the cludesac along with many of the home owners in Birnam Woods. Do you know the answers to these?

- if it is watershed only it looks like a lot of grass area which looks very inviting to the public...how will you all keep the public from launching kayaks etc there or entering the water or cutting down what you plant bc they currently do that and destroy the vegetation?
- what are the implications on the properties on either side from drainage into our yards
- what signage will be used to keep folks off the grass/vegetation/entering the water
- what safety/security measures put into place allowing public so close to residential property
- the concept looks grassy which looks inviting for people to come and hang out...want to avoid trash, loitering, parking and traffic to the area

In the past this used to be a public boat launch and it lead to major issues with all of the above...we have issues with the current lay out with folks entering our backyard and getting on our personal boat dock we just rebuilt so we don't want this to look like e park or area that invites folks to come to the water or congregate if that makes sense.

Thank you for listening and for your help.

Sincerely, Melanie

On May 6, 2022, at 9:09 AM, Travis Peterson < <a href="mailto:travis@impactcampaigns.com">travis@impactcampaigns.com</a>> wrote:

Hi Melanie-

1



Thanks for sharing this.

First, please know that all of these proposed projects are just concepts. The goal of this Watershed Plan is to identify a menu of improvements that, if implemented, will restore the health of Carpenter Creek and Bayou Texar. All of these recommendations will still need to be separately bid, designed, and constructed as funding allows.

To your question, the Hyde Park recommendation is one of several outfalls on Bayou Texar, where basically the road ends, and water runs off into the Bayou with no stormwater treatment or filtration. The proposed project identifies six of these around the bayou as part of project 15 (see here), and without any sort of filtration or treatment, these outfalls are pouring pollution and sediment into the Bayou, impacting the water quality, habitat, and resilience of the ecosystem there.

The concept behind this improvement would be to add a small, underground stormwater filter, and add some above-ground, natural, native vegetation and landscaping (both of which would be short in stature, so as to preserve views of the Bayou for property owners). In this way, the runoff from the end of these streets would be captured and treated through the stormwater filter underground, as well as the natural vegetation above ground. This would reduce the runoff pollution and sediment into the Bayou, provide a natural and low-impact way to treat the stormwater, and still be aesthetically pleasing for property owners, etc.

I hope this helps.

Travis

On Wed, May 4, 2022 at 8:43 PM Melanie McConnell <melaniemcconnell@me.com> wrote: HI Travis, thank you for responding. I wasn't aware of this project or this past week's meeting that was held and a neighbor shared it with me.I live pithing 2 steps of one of the proposed concept plans shared and while I have many questions and concerns, can someone first clarify for me the exact plan for the end of Hyde Park Road on Bayou Texar.

Thank you! Melanie McConnell

On May 4, 2022, at 5:07 PM, Travis Peterson < <a href="mailto:travis@impactcampaigns.com">travis@impactcampaigns.com</a>> wrote:

Hi Melanie-

I'm part of the Community Engagement team for the project and I'm based here in Pensacola. If you'd like, you can email your questions or comments to me and I'll forward them to the right person on the technical team, county staff, or whomever to get you a response, feedback, or additional information.

Would that be okay?

Travis

Travis Peterson

2

Community Engagement Carpenter Creek & Bayou Texar Watershed Management Plan'

On Tue, May 3, 2022 at 2:09 PM Melanie McConnell < melaniemcconnell@me.com >

Good afternoon, I was wondering who the point of contact is for the restore the watershed project? I was just informed about this and live next to one of the sites and I want to discuss concerns we have on this and what is currently happening to our personal property. Please let me know who I can contact. Thank you! Melanie McConnell

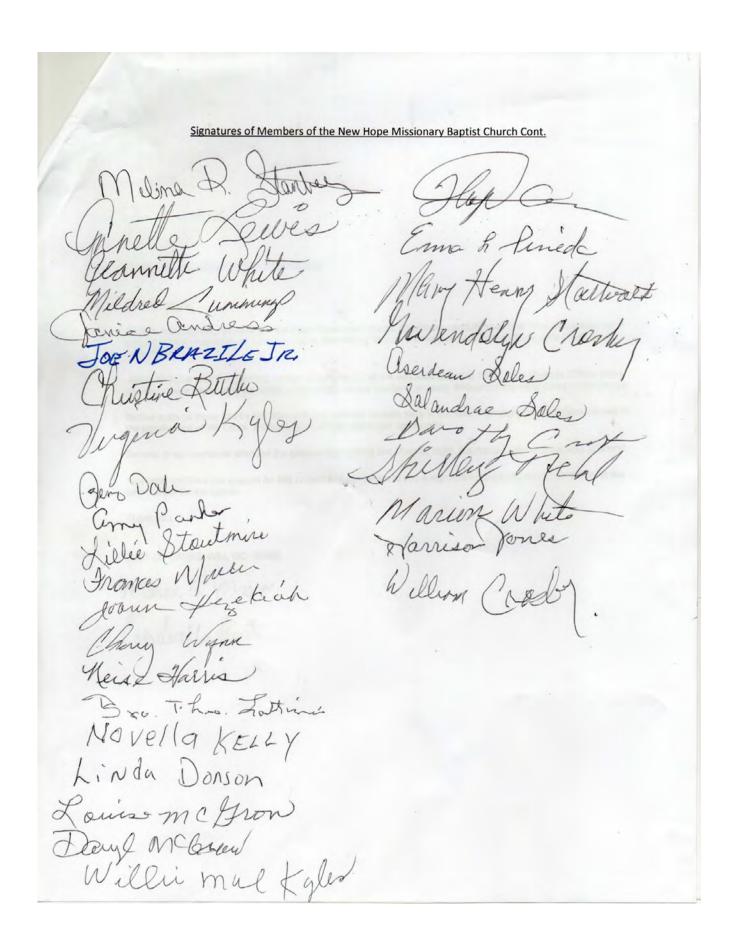
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Ms. Terri Berry

Restore the Watershed

Escambia County

Pensacola, FL

Dear Ms. Berry,

As property owners near Carpenter's Creek, we are in full support of the restoration of the creek. We hope you appreciate the full importance this site is to the African American community and the community at large.

Not only would present day locals benefit from such improvements, it would serve as a legacy for future generations. This project, especially the restoration of Jennie Hudgins' Swimming Hole, would show respect for the history and values of the entire community.

We whole-heartedly support the plans for the creek and the restoration of Jennie Hudgins' Swimming Hole. We ask that you make this restoration a priority in your deliberations.

Sincerely,

Dr. and Mrs. Marcus Paul

Pensacola, FL 32503

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#### FEEDBACK COLLECTED THROUGH SOCIAL PINPOINT

In addition to the public meeting at Bayview Community Center, the WMP Team created an interactive map and surveys for each site through the project's Social Pinpoint webpage. The public was made aware of this opportunity through a newsletter as well as through targeted outreach to key stakeholders.

Surveys were open for feedback from February 28 until May 8. 32 surveys were completed during this time by at least 25 different stakeholders.

Any sites not represented below did not receive any responses through Social Pinpoint.

#### he Creek at Shiloh Drive

- Trail (hiking and biking) x 1
- Fishing x 1
- High Sediment x 1
- "The creek runs through my backyard and is nothing but swamp land because of all the vegetation."
- "No it should not be a catalytic project"
- "I know most of us here on Shiloh Dr would love to see the creek restored to its former glory."
- "This site should not be accessed by the public at all"

#### **Headwaters at Olive Road**

- Litter x 2
- High Sediment x 1
- "Low water volume. In the last few years the water height has gone down drastically. I'm not sure why but I've seen several dead beavers on olive road so that's a possibility."
- "No public amenities are appropriate for this site"
- Trail (hiking and biking) x 1
- Fishing x 1
- Kayaking x 1
- Public Restrooms x 1
- Yes should be catalytic x 2

#### The Creek at Sterling HIlls

- Litter x 1
- Trail (hiking and biking) x 2
- Lighting x 2
- Public Restrooms x 2
- Fishing x 1
- Swimming x 1
- Kayaking x 1
- Seating x 1

92

- Outdoor classroom x 1
- Outdoor fitnessx 1

#### The Creek from Davis HIghway to 9th Avenue

- Litter x 9
- High Sediment Yield x 3
- Flooding x 5
- Illegal Dumping x 6
- "Shallow stream; some litter in the surrounding woods, but not necessarily in the water"
- Trail (hiking and biking) x 11
- Fishing x 3
- Swimming x 5
- Kayaking x 6
- Seating x 6
- Lighting x 4
- Outdoor Classroom x 6
- Outdoor Fitness x 4
- Public Restrooms x2
- Yes should be catalytic x 10
- "If I have selected the right parcel, this is the one that runs behind the carpenters creek retirement community. I think it should be pretty for them to look at. Maybe some walking paths if possible."
- "historic African American community lived by and used this stretch of creek. Signage, etc. would mark this important historic community "space
- "Walking path, benches, markers for Black History (Aunt Ginny's swimming hole)"
- "Ginny's swimming hole location near intersection of Brent lane and SpringHill drive. Black church baptisms."
- "Public art and a nature playground for the kids in the community"
- "Yes, this is a historical place for black people and black churches."
- "Public access so that people can enjoy these activities"
- "Historic marker with names commemorating African American history- Sister Hudgins and Sister Dawson. Commemorate New Hope members to hope baptisms in the Creek."
- "I am an East Hill resident and this site is an important African-American landmark in Pensacola"
- "Each building that goes up affects the creek because no matter what they say or do, heavy sediment goes into it and it becomes more shallow creating more flooding issues. The creek needs to be dredged!"
- "The city is charging homeowners additional taxes claiming run-off sediment. Many of the homes along the creek have been here for more than 60 years. I have lived along the creek since '88."
- "The site is home to river otters, birds, raccoons and turtles"
- "Historic site for Aunt Jennys swimming hole"

#### The Creek from 9th Avenue to 12th Avenue

- Litter x 6
- Flooding x 2
- High Sediment x 3









- Illegal Dumping x 4
- Trail (hiking and biking) x 4
- Fishing x 5
- Kayaking x 5
- Swimming x 4
- Seating x 3
- Lighting x 1
- Outdoor Classroom x 2
- Outdoor Fitness x 1
- Public Restrooms x 1
- Yes should be catalytic x 5
- No it should be not be a catalytic site x 1
- "Other: Beautiful place to kayak. A group of us kayaked from 9th to the bayou. Here's some photos https://platform.crowdriff.com/m/s-DGEHndOyOEQUBIDz"
- "The Carpenters Creek that I knew as a child has been turned into a drainage ditch"
- "This area used to be a beautiful clear stream where we swam and fished"
- "No historical or cultural components of this site"
- "No public amenities"
- "I have kayaked from bayou texar to this site on many occasions. I go as afar as I can then turn around. There is a lot of litter."

#### **Sacred Heart Campus**

- No water quality issues at site x 1
- Trail (hiking and biking) x 1
- Lighting x 1
- Outdoor fitness x 1
- "African-American historic and cultural sites that should be left undisturbed"
- Yes should be catalytic x 1

#### **Collection of Bayou Outfalls**

- Flooding x1
- Litter x 3

94

- Illegal Dumping x 2
- No water quality issues present at site x1
- Yes should be catalytic x 2
- No this should not be considered a catalytic site x 1
- "This used to be a boat ramp. It would be a nice public access point for kayaks and paddle boards."
- "people parking, cutting bushes and trying to access the water and also coming into our backyard from this area. Loitering by kids/@adults (drinking spot, etc.)"
- "Hi, we recently purchased the house at the end of Hyde Park and Banquos Trail. I have many concerns about the public access for the Hyde park site."



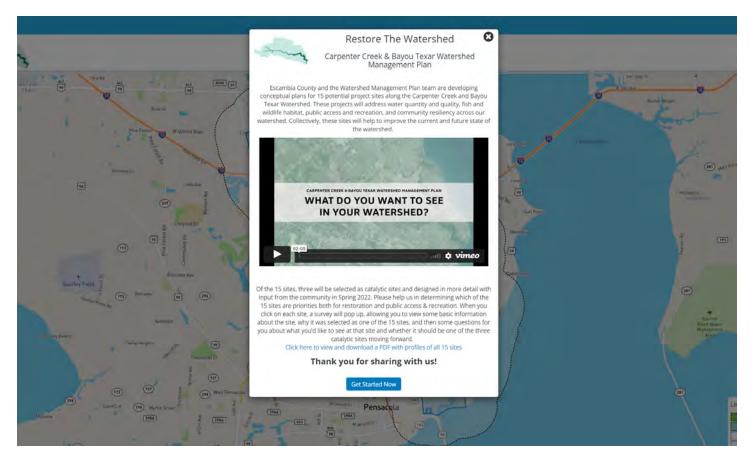
• "My home at 4 Hyde Park Rd is next to this site. The seagrass is in poor condition. We'll look at work on our property to complement your runoff improvements. Call anytime 850-748-9025. Thank you!"

95

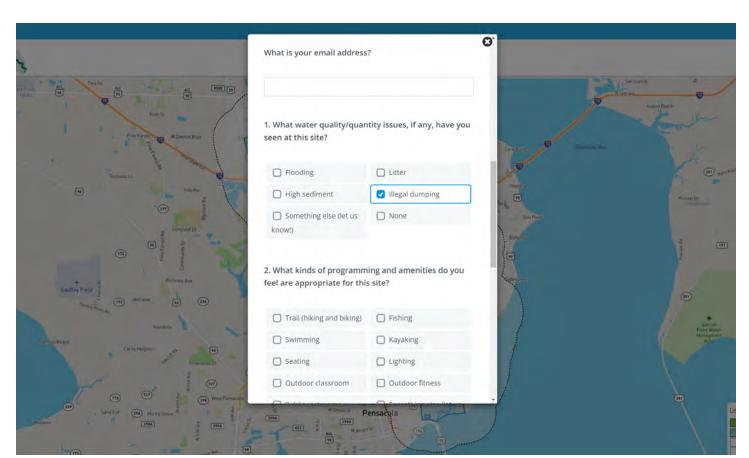
#### **Baars Park on the Bayou**

- Litter x 2
- High sediment x 1
- Trail (hiking and biking) x 2
- Kayaking x 3
- Fishing x 1
- Swimming x 1
- Seating x 1
- Yes should be catalytic x 2

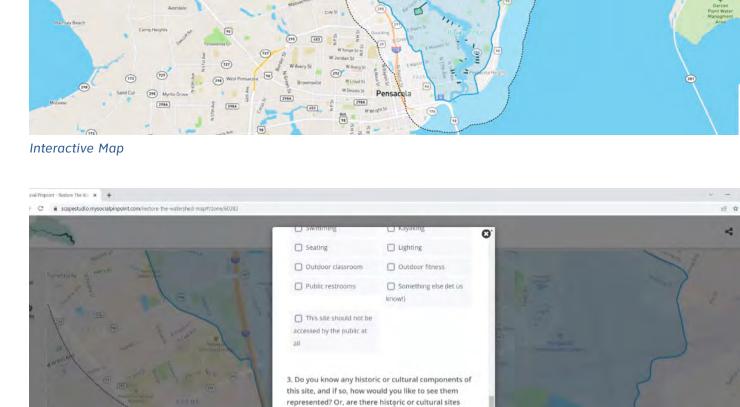




Welcome Pop-Up



Site priorities survey



that we should leave undisturbed?

"Educational signage to highlight the diving team that used to

Scrolling down, you will see several targeted questions and an open ended short response box prompting you to provide input about the site.

 Consider the other potential project sites. Should this site be advanced for further planning and potentially host early action projects for the







# CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN MAY 2, 2022



# PROJECT TEAM AND GOALS







**TERRI BERRY RESTORE PROGRAM MANAGER** 



**BRENT WIPF WATER QUALITY & LAND MANAGEMENT MANAGER** 



**MARK JACKSON SUSTAINABILITY COORDINATOR** 



**DAVID FORTE DEPUTY CITY ADMINISTRATOR** 





# wood.



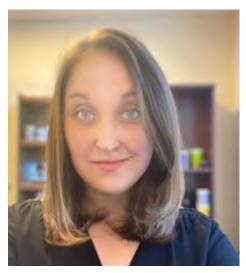
**CHRISTINE MEHLE PROJECT MANAGER** 



**JEANETTE KELSON ASSISTANT PROJECT** MANAGER / SENIOR **ENGINEER** 



**JOHN KIEFER BIOPHYSICAL ENGINEER AND TECHNICAL ADVISOR** 



**CELESTE LYON WATER QUALITY TECHNICAL LEAD** 

### SCAPE LANDSCAPE ARCHITECTURE DPC



GENA WIRTH
PRINCIPAL IN CHARGE



SOPHIE RIEDEL
SENIOR DESIGNER



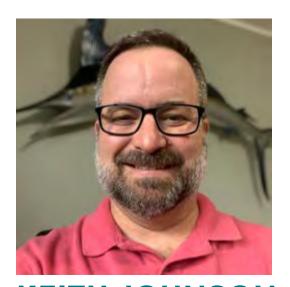
KAEDE POLKINGHORNE DESIGNER



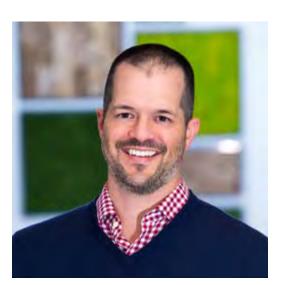








KEITH JOHNSON
ENVIRONMENTAL SCIENTIST



TRAVIS PETERSON
COMMUNITY
ENGAGEMENT



CHRISTINE TRUNCALE COMMUNITY ENGAGEMENT



## PROJECT GOALS

- Manage water quantity and improve water quality
- Protect, enhance, and restore wildlife habitat
- Expand public access and recreation opportunities
- Build more equitable and resilient communities
- Foster stewardship by connecting residents to their watershed

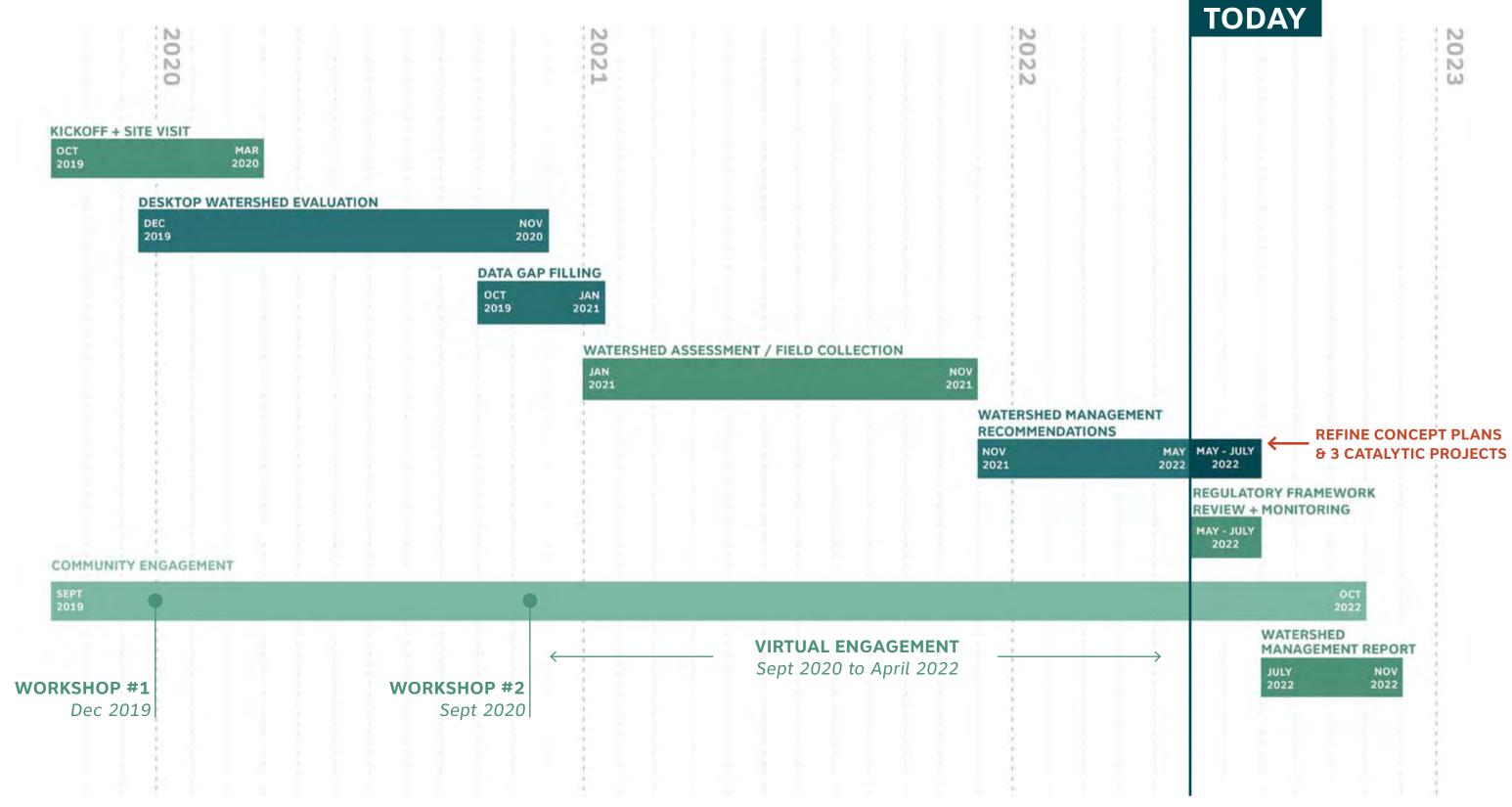






# PROJECT TIMELINE

## **PROJECT TIMELINE**











## **TODAY'S AGENDA**

- **1.** Introduction (6:00-6:15)
- 2. Watershed Assessment (6:15-6:30)
- 3. Recommendations + Next Steps (6:30-6:45)
- **4. Open House** (6:45-7:30)







# WHAT WE'VE HEARD

### **COMMUNITY ENGAGEMENT TIMELINE**

- 1. Public Meeting (Dec 2019)
- 2. Site Walk (Feb 2020)
- 3. Stakeholder Meeting (Feb 2020)
- 4. Public Meeting (Sep 2020)
- 5. Online Story Map + Idea Wall (Sep 2020)
- 6. Creek Geek Videos (Jun + Oct 2021)
- 7. Technical Advisory Group Outreach (Feb 2022)
- 8. Online Site Surveys (Mar 2022)
- 9. Public Meeting (Today)









### **PUBLIC MEETINGS**



**Public Presentation** 



**Public Workshop: Interactive 3d Model** 



**Public Workshop: Story Booth** 



**Public Workshop: Post Card and Questionnaire Activity** 



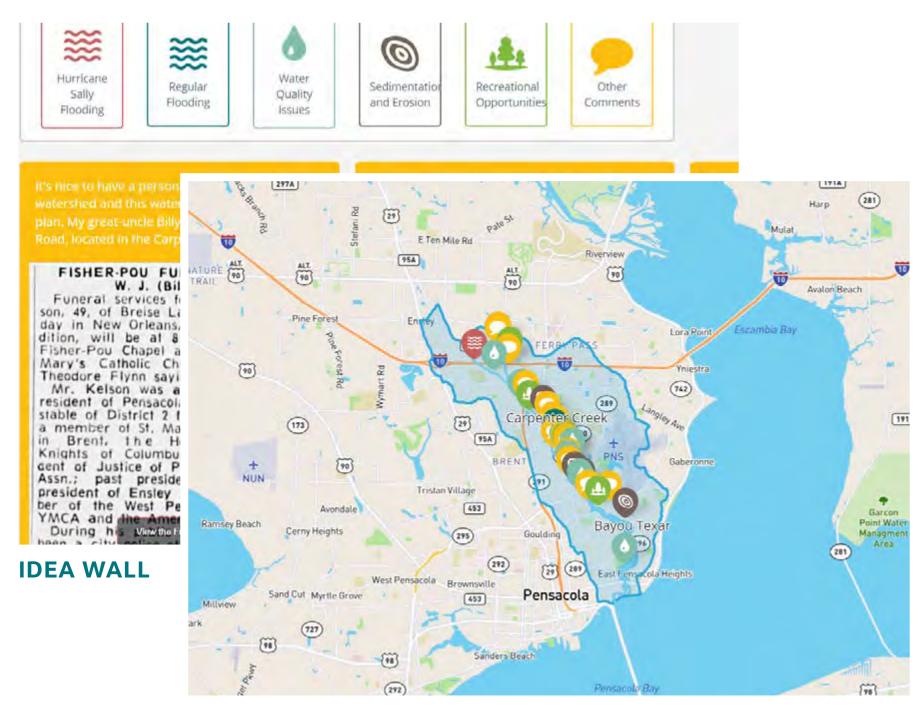








### **ASSESSMENT PHASE FEEDBACK RECEIVED ONLINE**



### **TAKEAWAYS**

- Provide easy kayak access as far up the creek as possible
- Address sediment, litter, and polluted runoff, which are currently major challenges to adequate access
- Incorporate existing informal public access points into formal public access and recreation strategies

**INTERACTIVE MAP** 

### **RESTORE-THE-WATERSHED.COM**

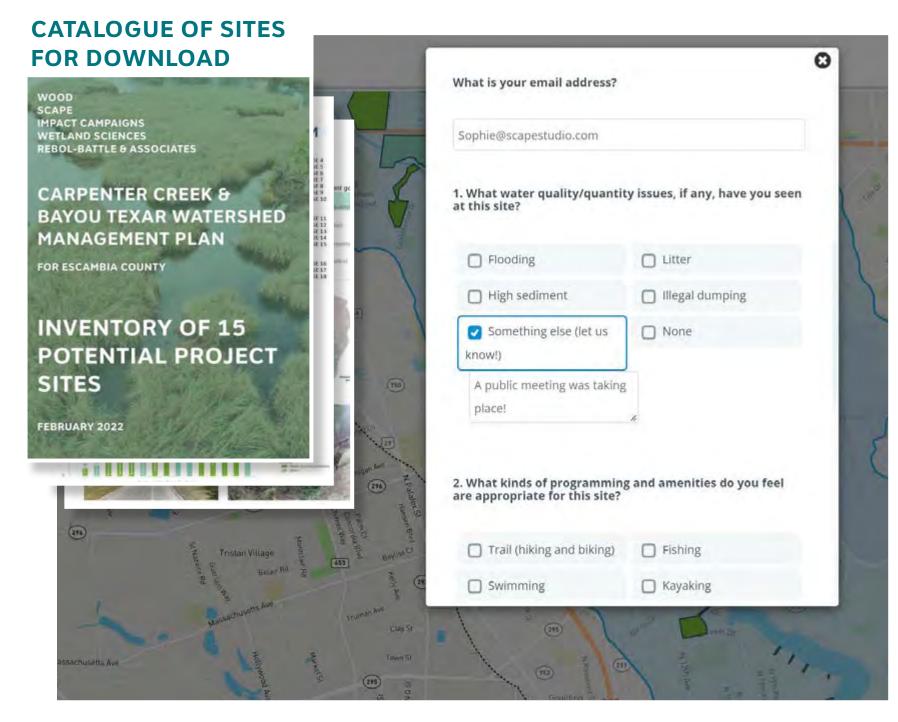








### RECOMMENDATIONS PHASE FEEDBACK RECEIVED ONLINE



**INTERACTIVE MAP** 

### **RESTORE-THE-WATERSHED.COM**

CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN MAY 2, 2022

### **TAKEAWAYS**

- Carefully incorporate the creek's cultural legacy from N Davis Highway to N 9th Avenue, where public access was historically concentrated
- · Address sediment, litter, and polluted runoff
- Provide trails, kayaking, and seating where possible across the creek system





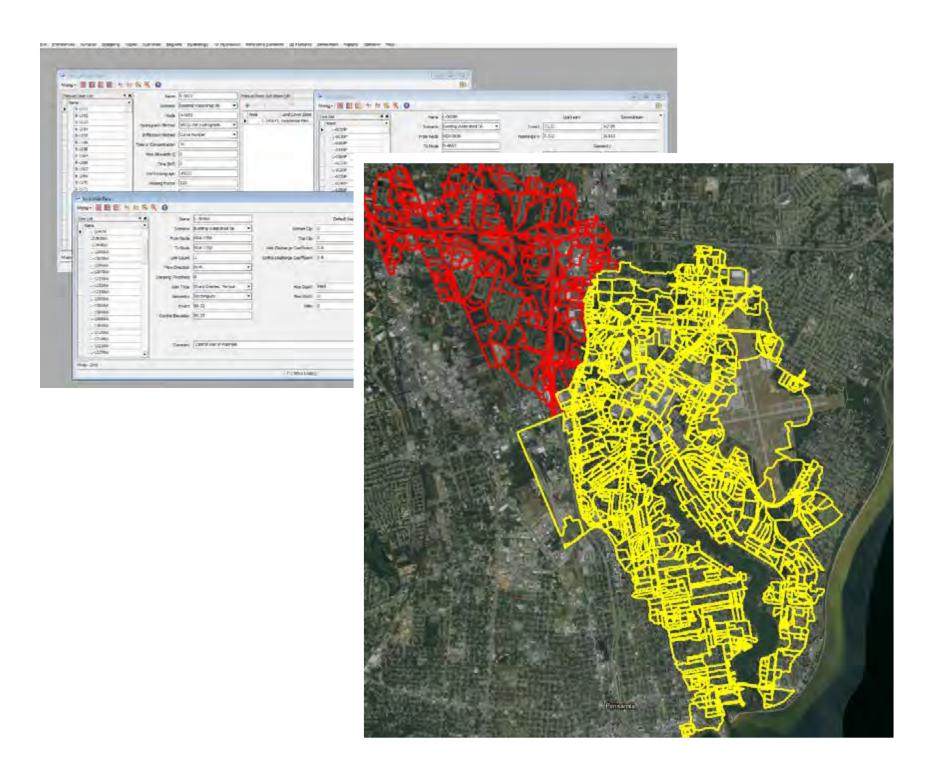






# WATERSHED ASSESSMENT

### **WATER QUANTITY - H&H MODEL DEVELOPMENT**



### **HYDROLOGIC + HYDRAULIC** (H&H) MODEL DEVELOPMENT

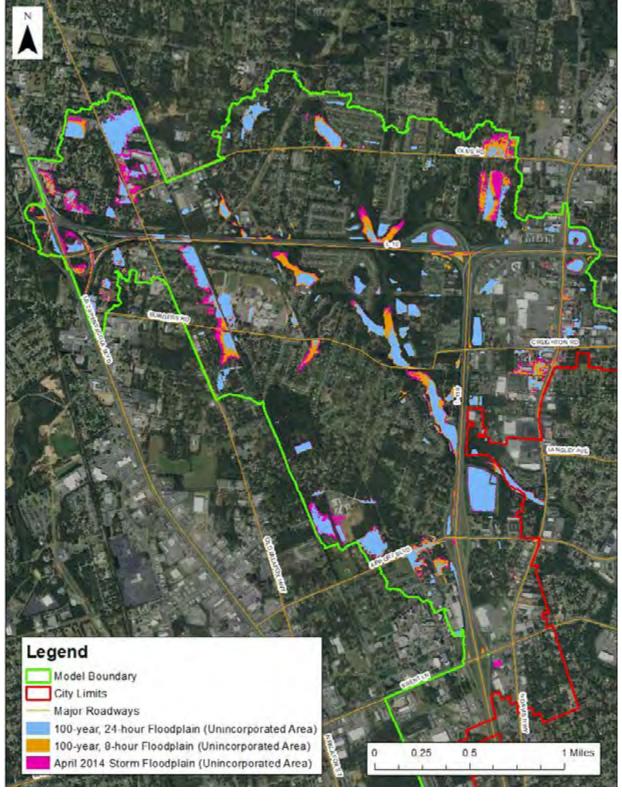
- City's model and unincorporated areas
- Flood Analysis and Level-pool floodplains - 100-year, 1-day event
- Sea level rise (Years 2040 and 2070) - intermediate-low and intermediate-high scenarios
- Model results evaluated against locations of wetlands and critical infrastructure







## **WATER QUANTITY**











### **WATER QUANTITY - SEA LEVEL RISE ANALYSIS**



#### CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN MAY 2, 2022

### **SEA LEVEL RISE ANALYSIS**

- NOAA tide gage 8729840
- 2040 and 2070 Intermediate-low and Intermediate-high scenarios for 100-year, 1-day event
  - Year 2040 intermediate-low: 0.66 ft
  - Year 2070 intermediate-low: 1.18 ft
  - Year 2040 intermediate-high: 1.31 ft
  - Year 2070 intermediate-high: 3.15 ft

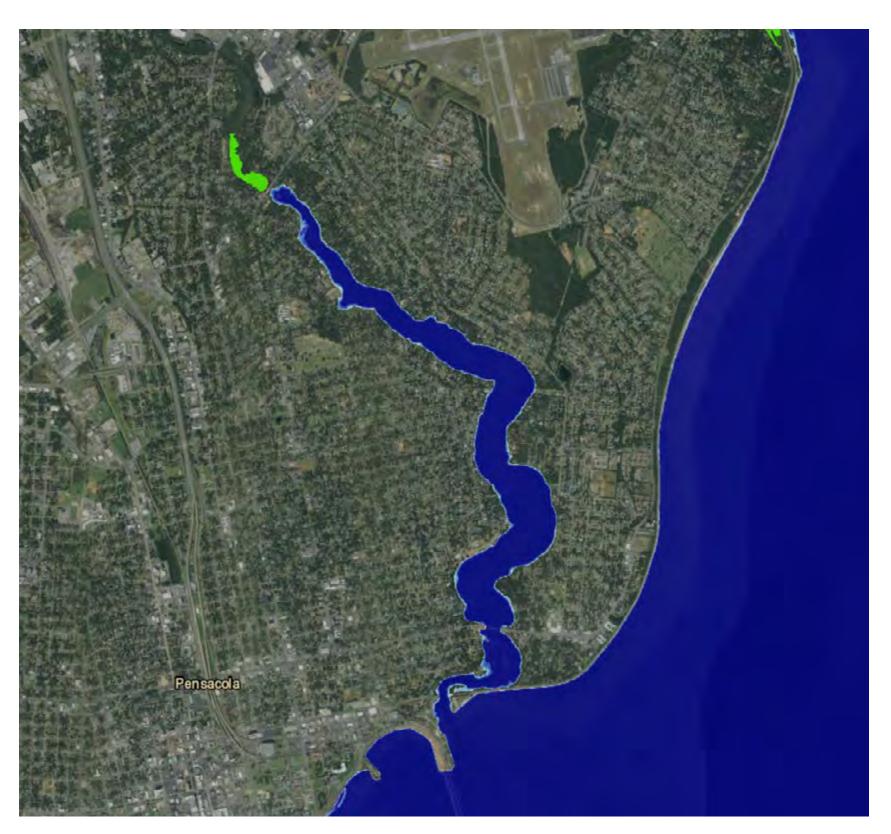








## **WATER QUANTITY - SEA LEVEL RISE ANALYSIS**



### **CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN** MAY 2, 2022

### **SEA LEVEL RISE ANALYSIS**

• NOAA SLR Viewer, 2070 Intermediate-high scenario

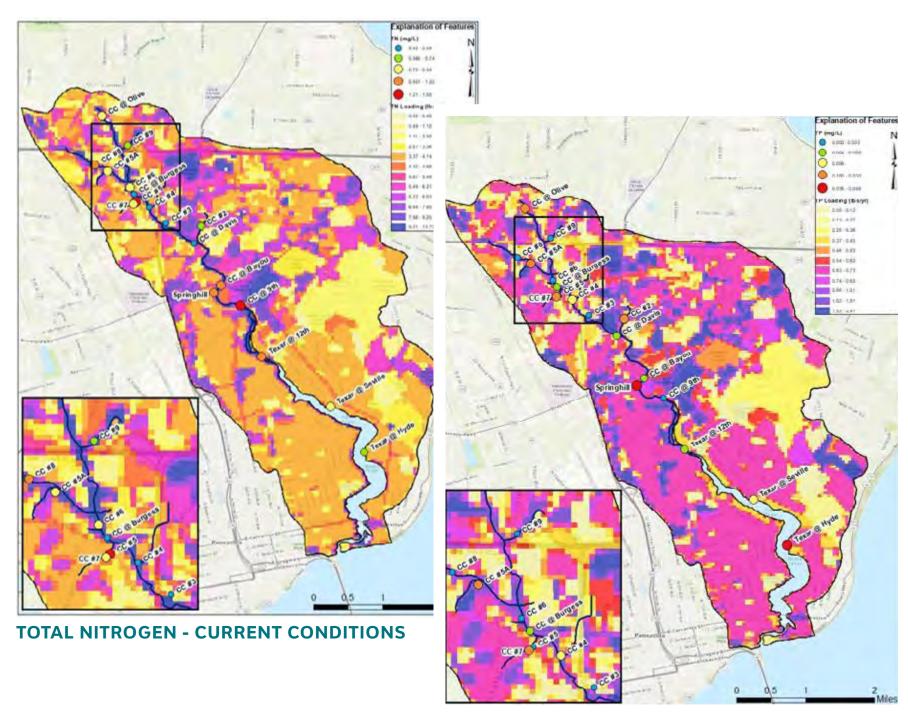








### **WATER QUALITY ASSESSMENT**



**TOTAL PHOSPHORUS - CURRENT CONDITIONS** 

- The potential hot spot areas within the Carpenter Creek WBID for both TN and TP coincide with areas developed after 1982, which are subject to stormwater treatment criteria
  - This suggests that existing stormwater treatment efforts in these areas may not be sufficient to treat the current volume of stormwater
- Several TN hot spots, within the Bayou Texar WBID, were identified at recreational areas and communities built prior to the implementation of the stormwater rule
  - The hot spot areas are likely associated with untreated stormwater runoff that drains directly into the waterbody









### STREAM ASSESSMENT - DOWNSTREAM OF DAVIS HIGHWAY







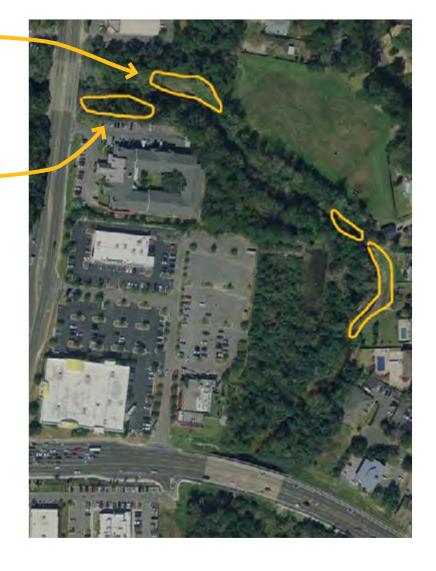


### STREAM ASSESSMENT - PART OF A LARGER GULLY



~2007 EROSION, FLEXIMAT REPAIR

~2020 EROSION



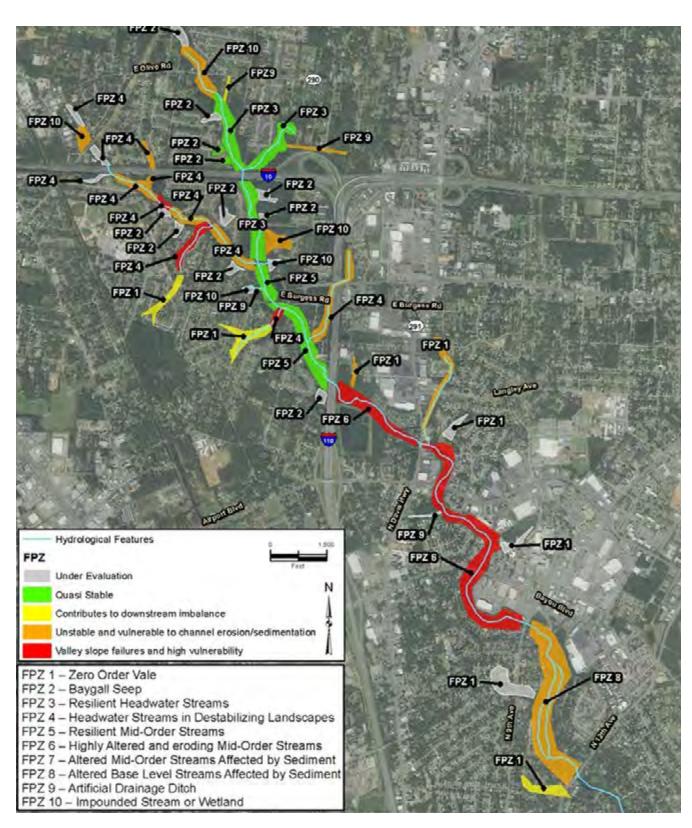








### STREAM ASSESSMENT



### **BIOPHYSICAL CONDITION**

- Examined legacy and trajectory
- Based on watershed, valley, and channel characteristics
- 10 stream types

### **IMPACT SEVERITY**

- Mostly stable (green)
- Obliterated (yellow)
- Unstable/highly vulnerable (orange)
- Major erosion/slope failure (red)

### **THREE SUB-BASINS**

- Headwaters west of I-110
- Creek I-110 to 9th Ave
- Bayou south of 9th Ave



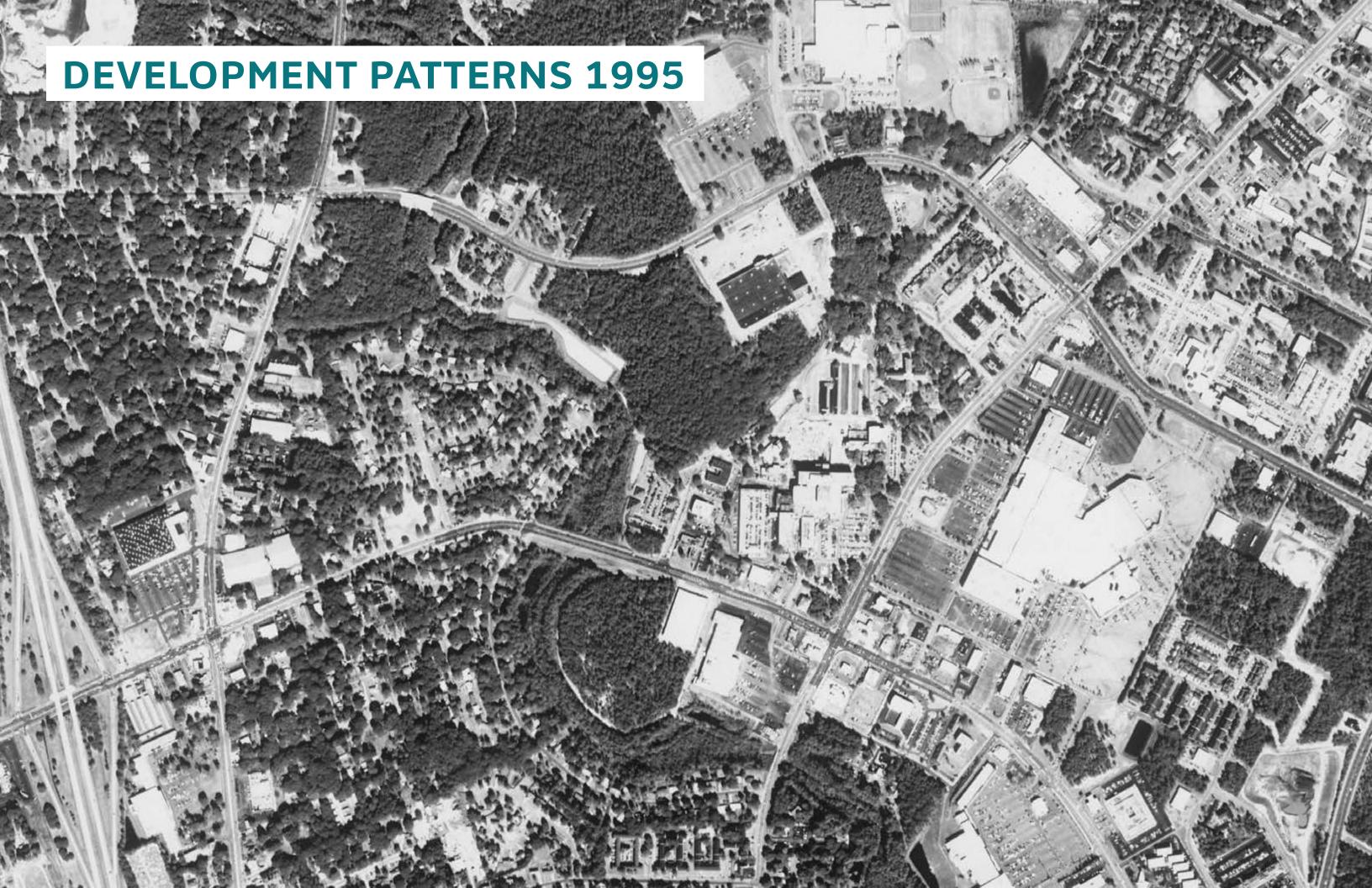




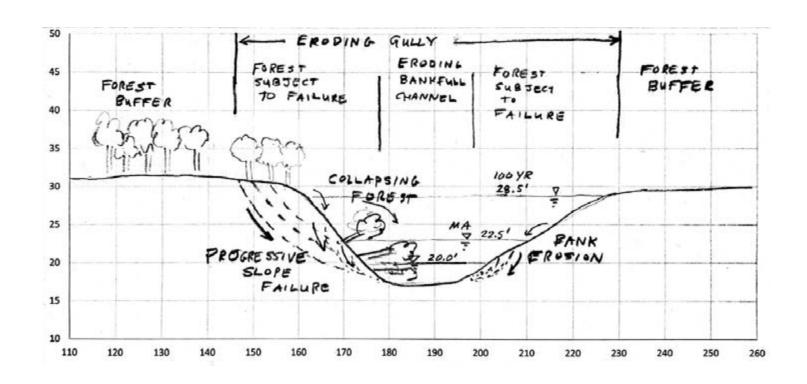




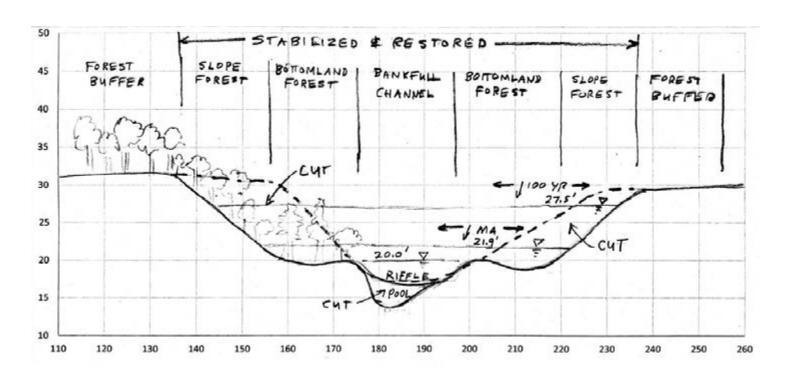




### **URBAN STREAM SYNDROME - NEEDS A BIGGER FLOODPLAIN**



















## **PRIORITY 2 STREAM RESTORATION** PROVIDE A BIGGER FLOODPLAIN



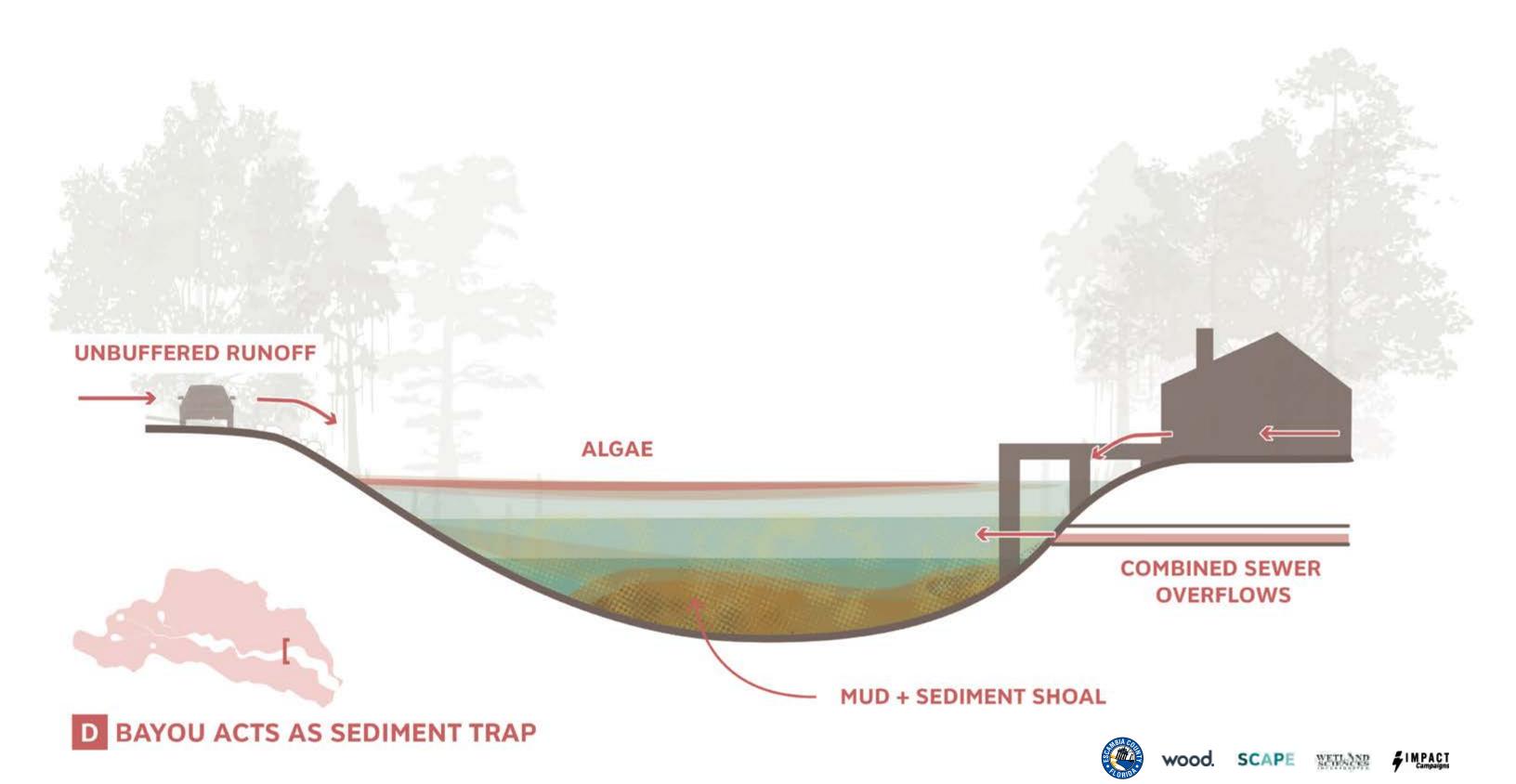




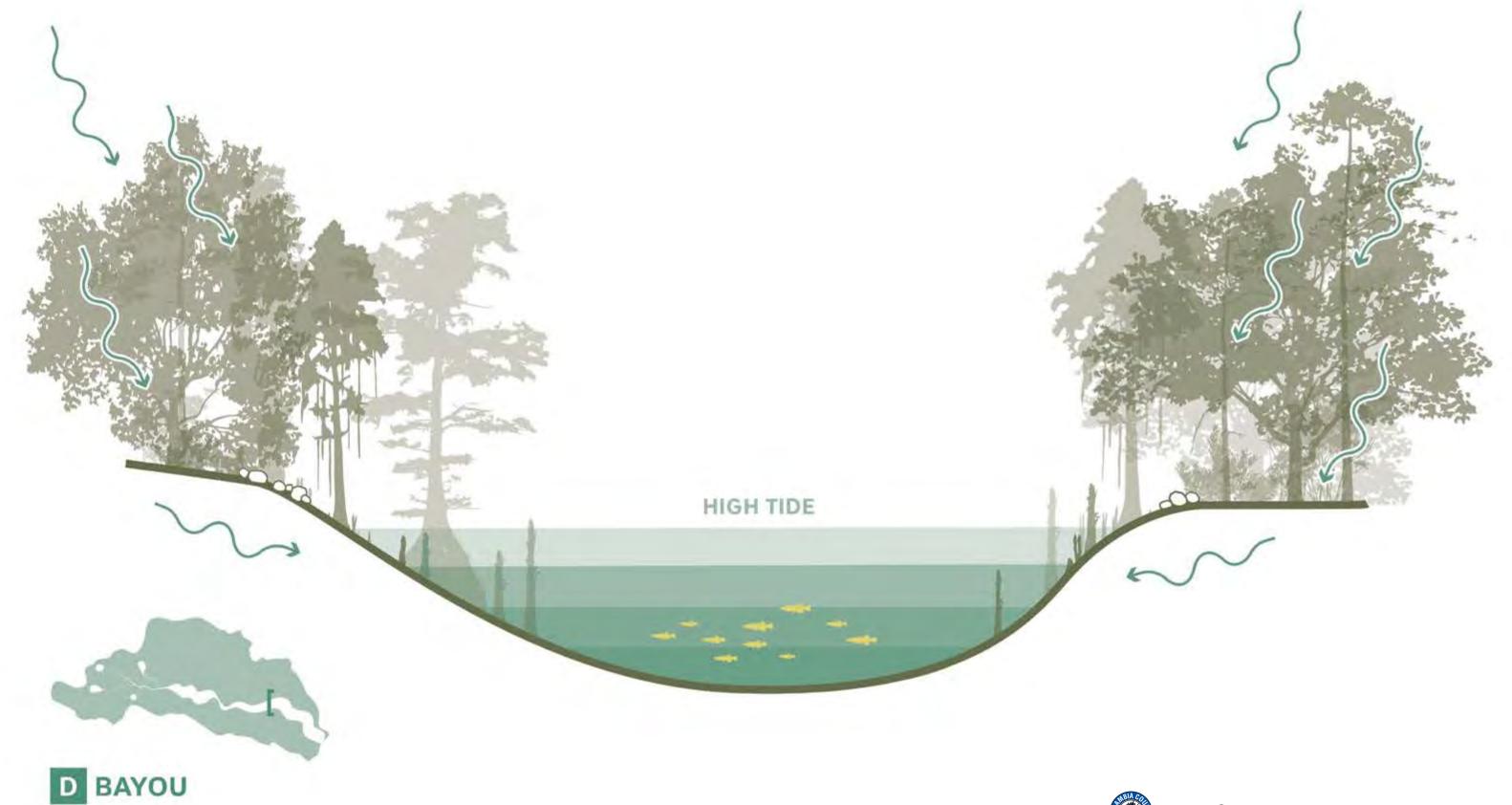




### **CURRENT BAYOU SECTION**



## **HEALTHY BAYOU SECTION**





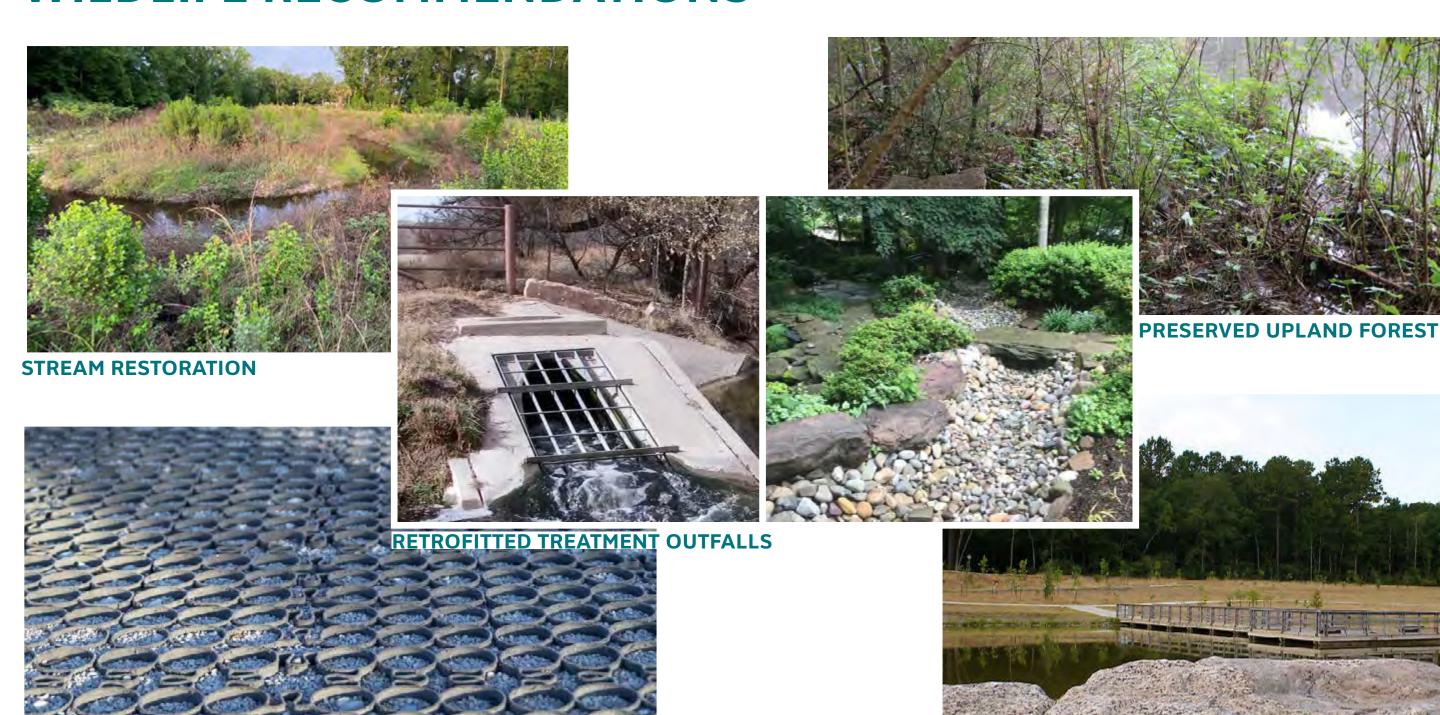






# WATERSHED-WIDE STRATEGIES

### WATERSHED-WIDE WATER QUALITY, QUANTITY, + FISH AND WILDLIFE RECOMMENDATIONS



**NEW AND IMPROVED EXISTING PONDS AS RECREATION OPPORTUNITIES** 









LID RETROFITS

## WATERSHED RECREATION / GREENWAY + BLUEWAY ACCESS



**MULTI-MODAL GREENWAY** 



BAYOU



**CREEK WINDOWS** 



**BLUEWAY KAYAK LAUNCHES** 











# WATERSHED EDUCATIONAL SIGNAGE / COMMUNITY RESILIENCY

#### **COMMEMORATE HISTORIC + CULTURAL LEGACIES**



**INTERPRETIVE SIGNAGE** 

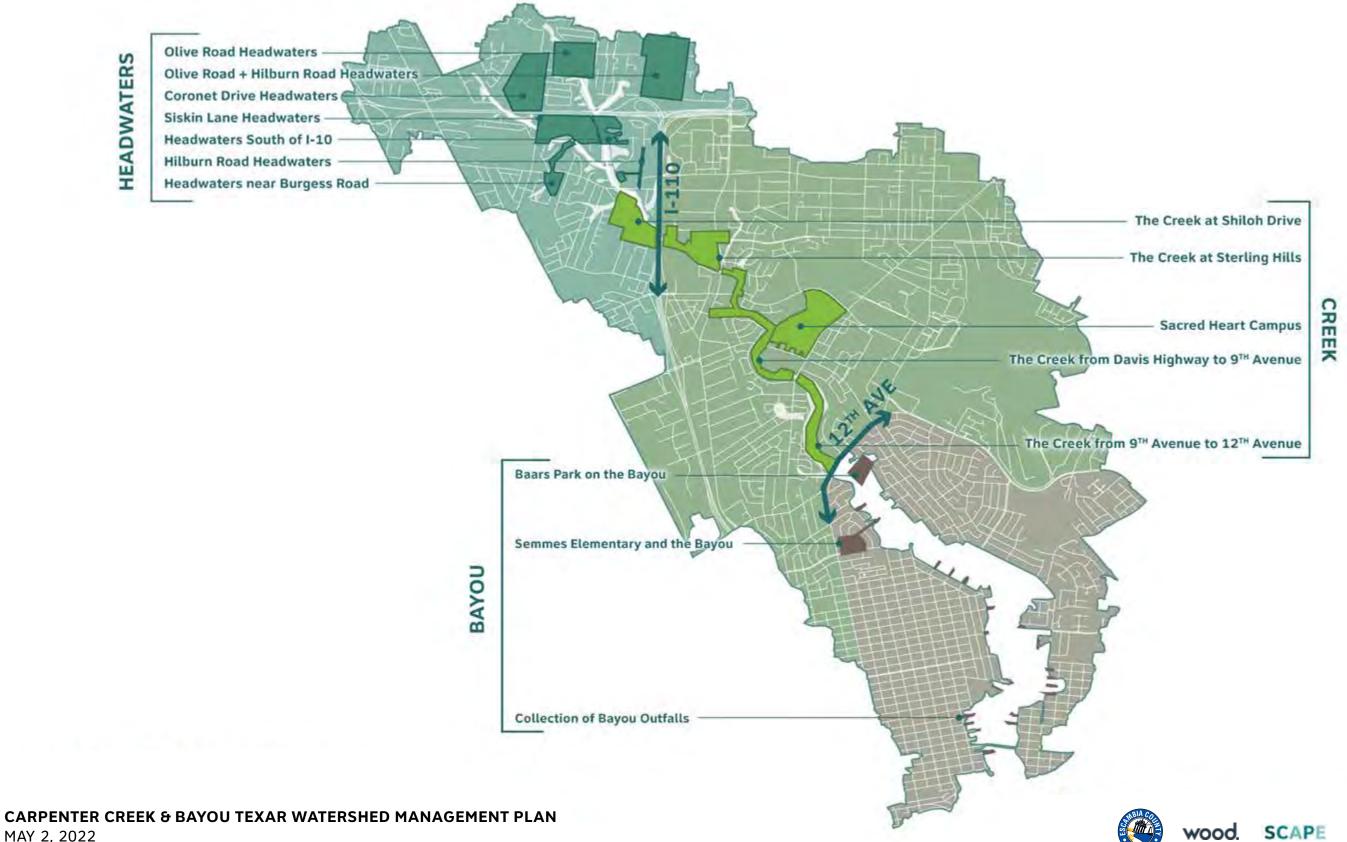






# SITE RECOMMENDATIONS

### **THREE SUB-AREAS**



### **READING THE PLANS**



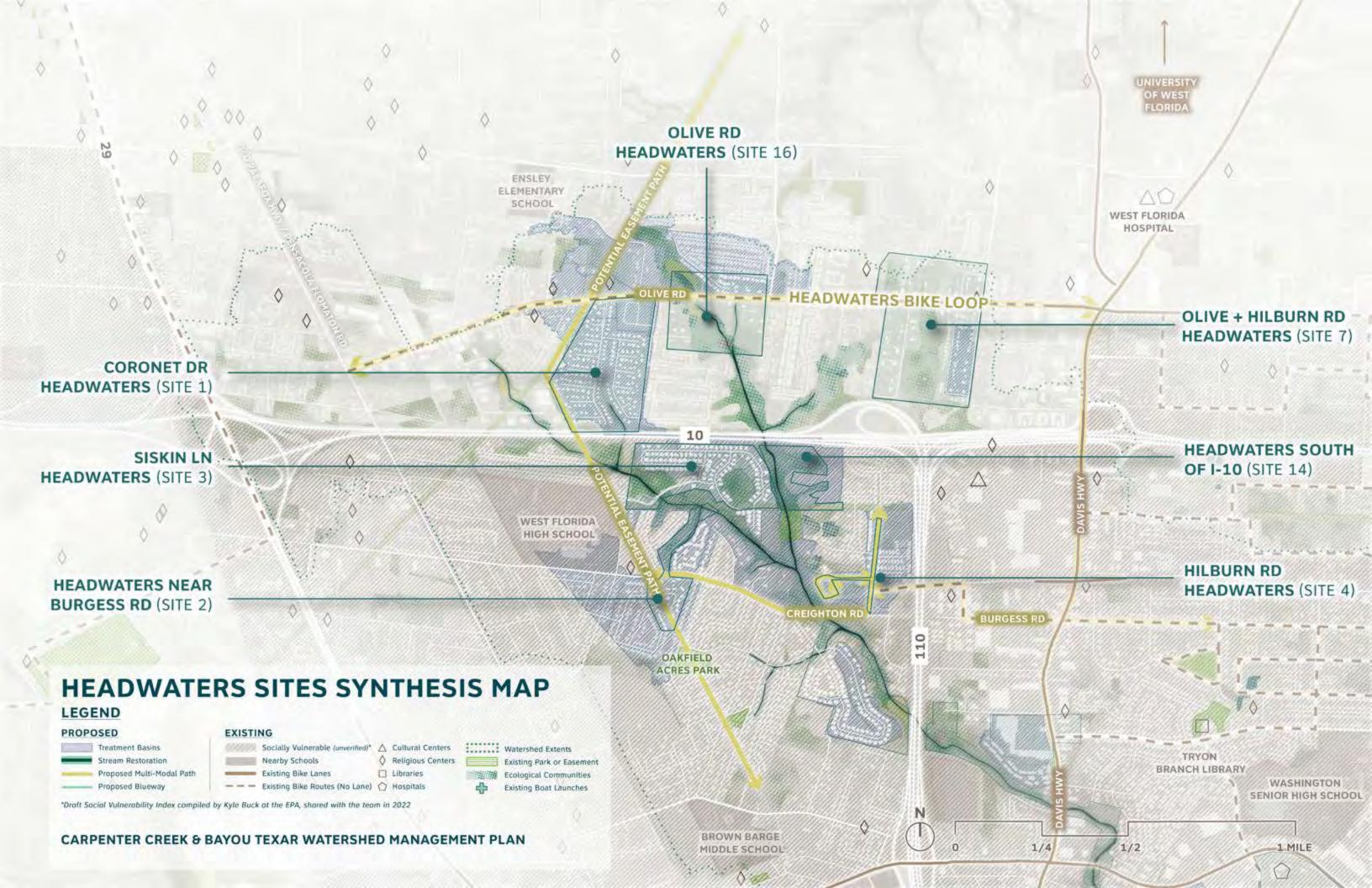








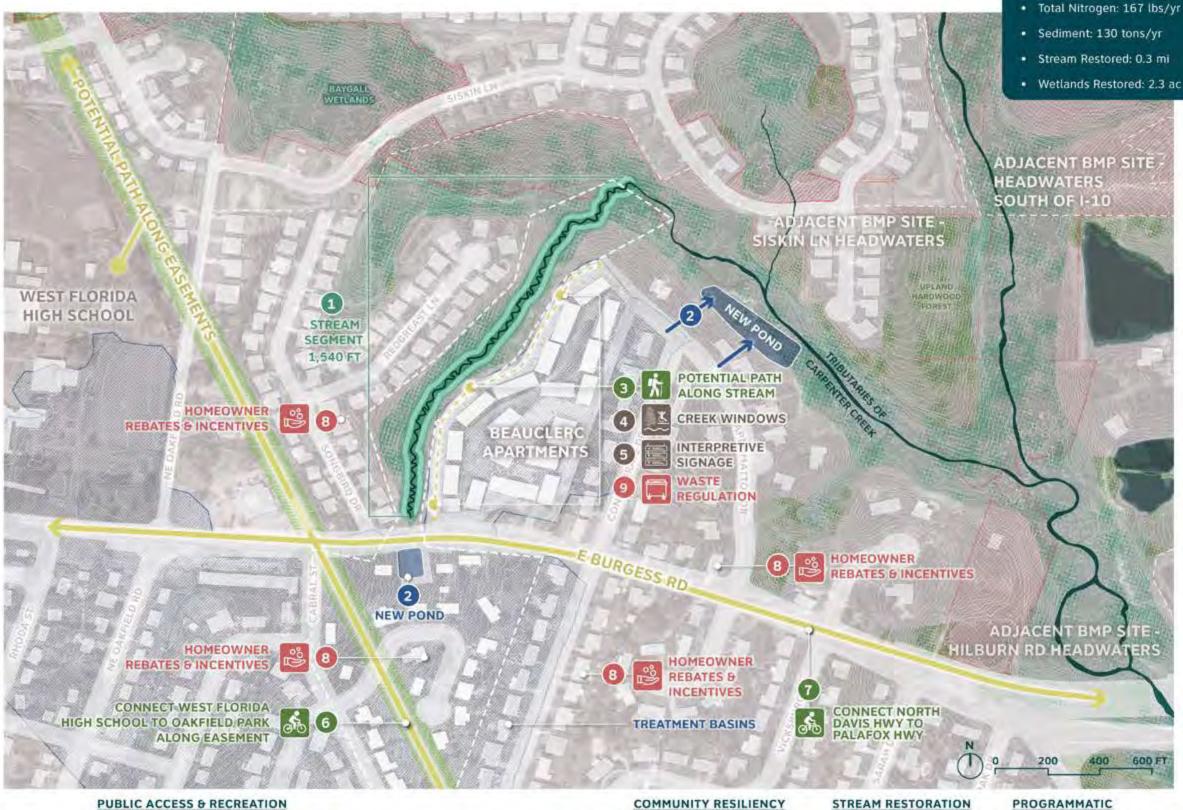




### REPRESENTATIVE HEADWATERS SITE

#### RECOMMENDATIONS

- Restore stream segment, establishing the following elevational profiles:
  - Bankfull Channel
  - Wetland Floodplain
  - · Valley Hillslope Forest
- Create two detention ponds
- Provide a pedestrian path along stream restoration
- Punctuate pedestrian path with overlooks that provide windows to the creek
- Put the community's eyes on the creek by introducing educational signage that encourages stewardship
- Connect West Florida High School to Oakfield Park along existing easement in partnership with private owner
- Create a bike lane along E Burgess Road
- Environmental stewardship and homeowner rebate programs for "going green", permeable pavement replacement programs, rain gardens, public/private partnerships to incentivize LID/GI retrofits
- Dumpster regulation/ordinance review to provide restrictions on dumpster placement on creek-adjacent sites



#### LEGEND

Please note that while each recommendation is assigned to a RESTORE grant category, many recommendations are applicable to more than one category

#### WATER QUANTITY & QUALITY

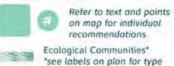


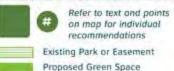
Refer to text and points on map for individual



Treatment Basins Level Spreader or Bioswale

#### FISH & WILDLIFE







#### Proposed Blueway Existing Stops Along Blueway



Refer to text and points on map for individual recommendations

Nearby Schools and other Social Infrastructure



Bankfull Channel Wetland Floodplain Valley Hillslope Forest



BENEFITS

Refer to text and points on map for individual recommendations

County Owned/Potential Acquisition Programmatic recommendations are watershed-wide strategies with example locations shown on map

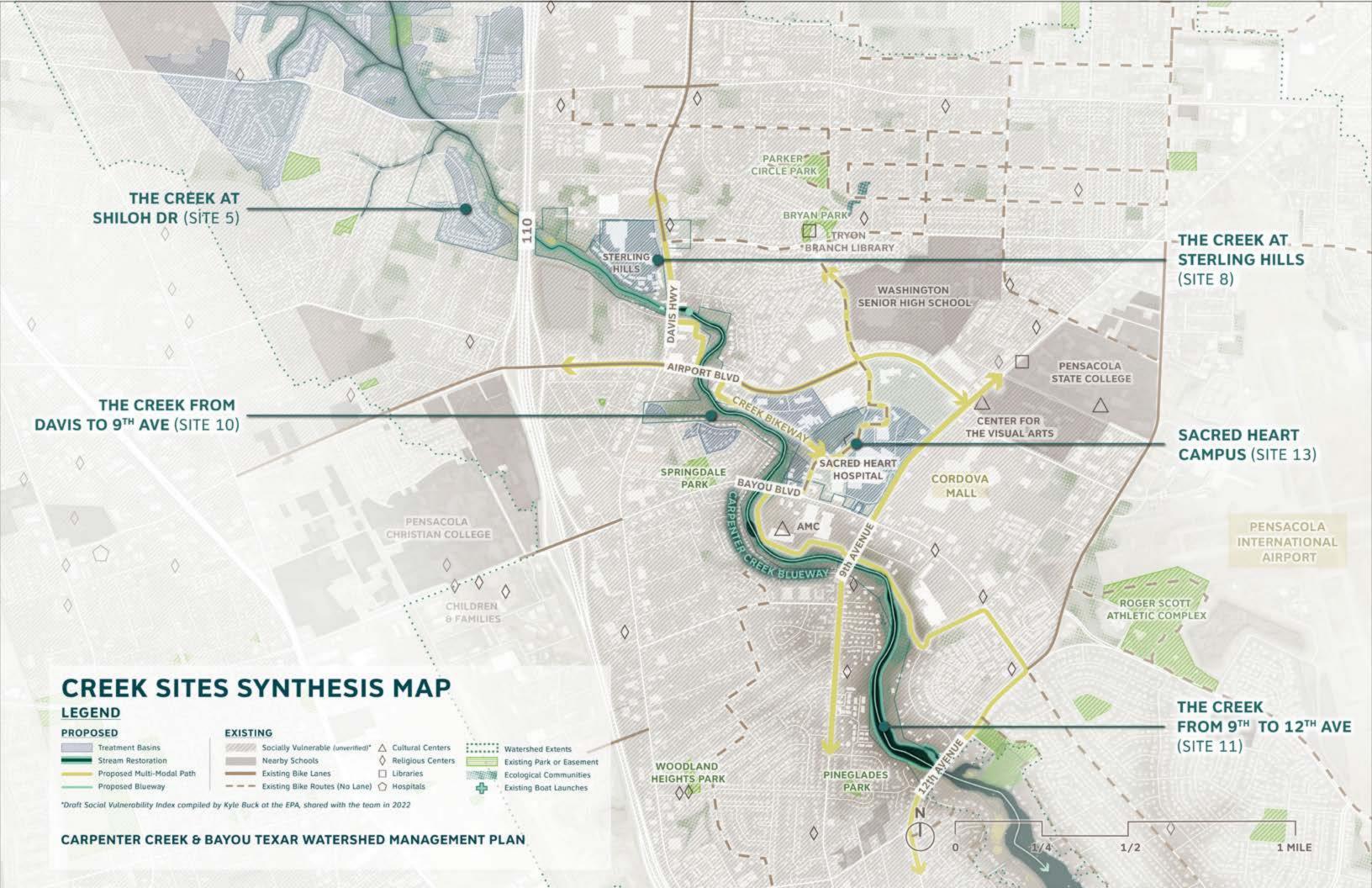












### REPRESENTATIVE CREEK SITE

#### RECOMMENDATIONS

- Restore three stream segments, establishing the following elevational profiles:
  - Bankfull Channel
  - Wetland Floodplain
  - Valley Hillslope Forest
- Install BAM filters at three existing treatment ponds to filter water that ultimately runs into the creek system and construct level spreaders to dissipate energy
- Create bioswales in four parking lot islands in partnership with private owners
- Improve existing outfall to treat water draining to the creek
- Create a multi-modal creekway from Davis Highway to N 9th Avenue, including a connection to Booker T. Washington High School
- Develop floodable recreation programming in dry ponds adjacent to the creek
- Restore the historic Aunt Jennie's Swimming Hole and commemorate its legacy with interpretive signage
- Install a kayak launch at or near Aunt Jennie's Swimming Hole and/ or near Airport Boulevard to expand the blueway network
- Offer award programs and assist with social media campaigns to celebrate businesses that are "going green," permit incentive program or stormwater fee reduction for adopting LID/GI tenets
- Offer incentives to property owners such as stormwater fee reduction for "going green," rebate programs for de-paving, rain garden installation, waterbody-edge improvements
- Pond retrofit to improve community resiliency to sea level rise and/ or improve water quality
- Restore baygall wetland habitat

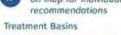
#### LEGEND

Please note that while each recommendation is assigned to a RESTORE grant category, many recommendations are applicable to more than one category

#### WATER QUANTITY & QUALITY



Refer to text and points on map for individual



### FISH & WILDLIFE

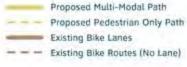


#### **PUBLIC ACCESS & RECREATION**

EXISTING BIKE LAME



Refer to text and points on map for individual Existing Park or Easement



END OF BLUEWAY

STREAM SEGMENT B

STREAM SEGMENT C

HOMEOWNER REBATES

SINCENTIVES

2,460 FT

2,950 F

8

KAYAK LAUNCH

#### Proposed Blueway Existing Stops Along Blueway

BAM & LEVEL

SPREADERS



BAYOU BLVD

Refer to text and points on map for individual recommendations

KAYAK LAUNCH

BAM LOCATION

RESTORATION & COMMEMORATION

OF HISTORIC SWIMMING HOLE

RESILIENT RECREATION ZONE

RESILIENT RETROFITS

PARKING ISLAND AIRPORT BLVD

1 STREAM SEGMENT A

1,440 FT

Nearby Schools and other Social Infrastructure

COMMUNITY RESILIENCY

#### STREAM RESTORATION



Bankfull Channel Wetland Floodplain Valley Hillslope Forest

RESILIENT RETROFITS

RESILIENT RECREATION ZONE

PUBLIC/PRIVATE

RETROFITS

T RECREATION ZONE

UNITED

TREATMENT BASINS

MULTI-MODAL CREEKWAY

4 MPROVED OUTFALL

#### PROGRAMMATIC



W. STHAUE

BENEFITS

· Total Nitrogen: 1,954 lbs/yr

Sediment: 2,000 tons/yr

· Stream Restored: 1.3 mi

Wetlands Restored: 14.6 ac

. Flood Stage: 1 ft

PUBLIC/PRIVATE

Refer to text and points on map for individual recommendations

PUBLIC/PRIVATE

PARTNERSHIP

County Owned/Potential Acquisition Programmatic recommendations are watershed-wide strategies with example locations shown on map



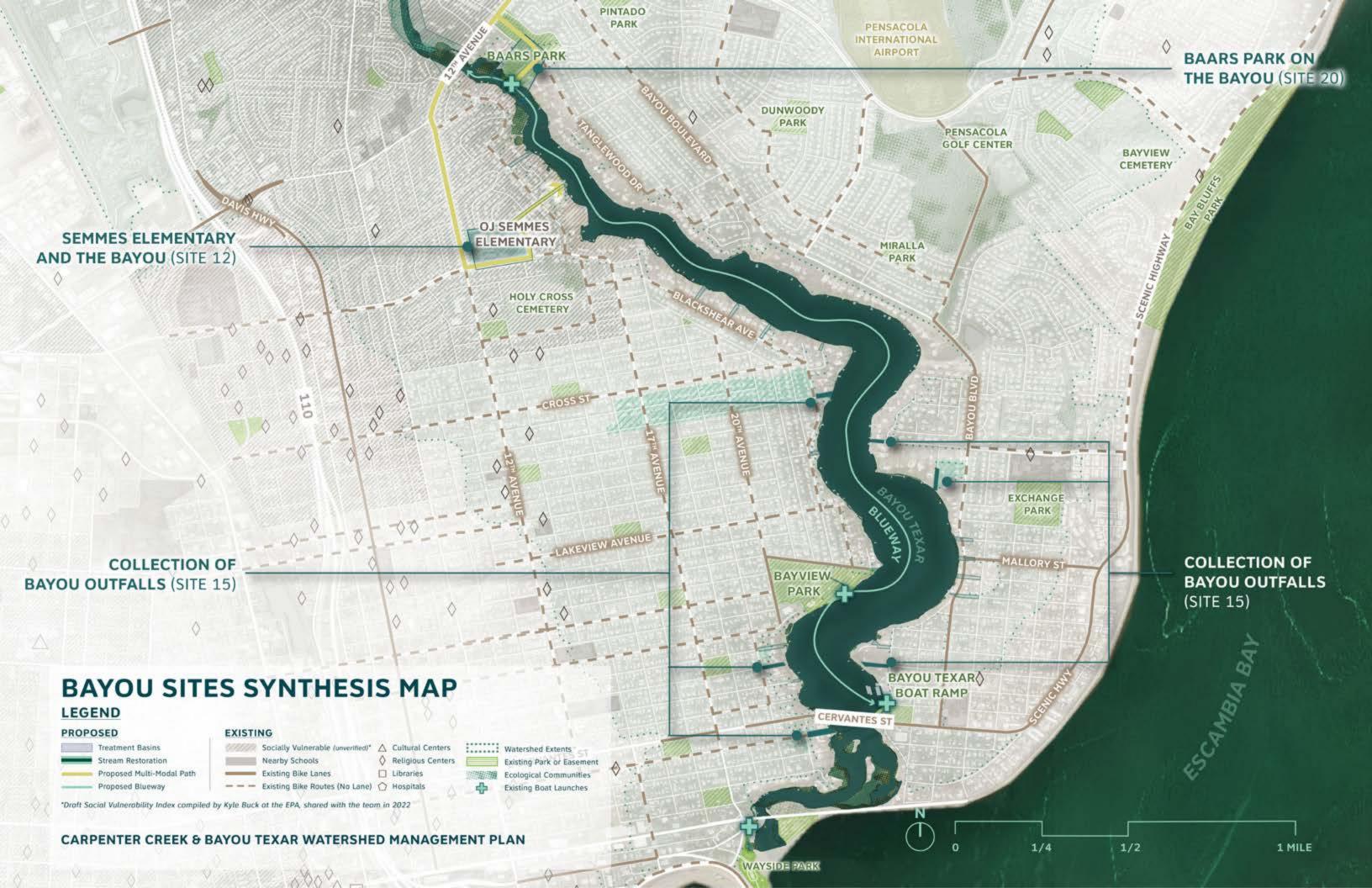












### REPRESENTATIVE BAYOU SITE

#### RECOMMENDATIONS

- Maturalize flume by replacing existing concrete with rip rap
- 2 Install an inlet filter or other stormwater treatment unit at the head of the outfall
- Plant native riparian vegetation along both sides of the outfall to slow runoff
- Provide a low impact window to the bayou at outfall to visually connect residents with the water and showcase native vegetation and wildlife
  - · Where possible, consider potential small-scale community kayak launches or other public access programming in conjunction with Windows to the Bayou
- Rebate programs for conservation landscaping, rain barrel programs, permeable pavement replacement programs, lawnto meadow principles
- Educational campaigns on BMPs for waterbody-edge design and on importance of the health of the headwaters
- Encourage and assist with promotional events such as bike tours to showcase green infrastructure, awards program for businesses that "go green"

#### LEGEND

Please note that while each recommendation is assigned to a RESTORE grant category, many recommendations are applicable to more than one category

#### WATER QUANTITY & QUALITY



Refer to text and points on map for individual

Treatment Basins Level Spreader or Bioswale





#### **PUBLIC ACCESS & RECREATION**

of his best of the second

PROTOTYPICAL CONDITION



#### Proposed Blueway **Existing Stops** Along Blueway

**EAST GONZALEZ** 

OUTFALL

(15-17)

EAST GONZALEZ

GASDEN

OUTFALL

(15-19)



BAYVIEW

PARK

Refer to text and points on map for individual recommendations

Nearby Schools and other

#### STREAM RESTORATION



Wetland Floodplain

HYDE PARK RD

**COVE RD** 

OUTFALL

(15-10)

#### PROGRAMMATIC



INCENTIVE

EDUCATIO

Refer to text and points on map for individual recommendations

County Owned/Potential Acquisition Programmatic recommendations are watershed-wide strategies with example locations shown on map



**WEST GONZALEZ** 

OUTFALL

(15-21)

BAYOU TEXAR

BOAT RAMP

WEST GONZALEZ ST

HYDE PARK

OUTFALL

(15-9)













BLUEWAY



WINDOW TO THE BAYOU

INLET FILTER

3 VEGETATION

CEMETARY HOLY CROSS

1 RIP RAP

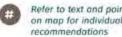


**EAST SCOTT** 

OUTFALL

(15-5)

E SCOTT ST



COMMUNITY RESILIENCY

Social Infrastructure

Bankfull Channel Valley Hillslope Forest

# NEXT STEPS

## RECOMMENDATION BENEFITS

If all recommendations were implemented, the watershed would see...

- 2.4 miles of stream restored
- 27.5 acres of wetland restored
- 3,285 lbs/yr total nitrogen removed
- 118.5 lbs/yr total phosphorus removed
- 2,315 tons/yr sediment removed
- 5 new kayak launches and an extended blueway
- over 10 miles of bike improvements

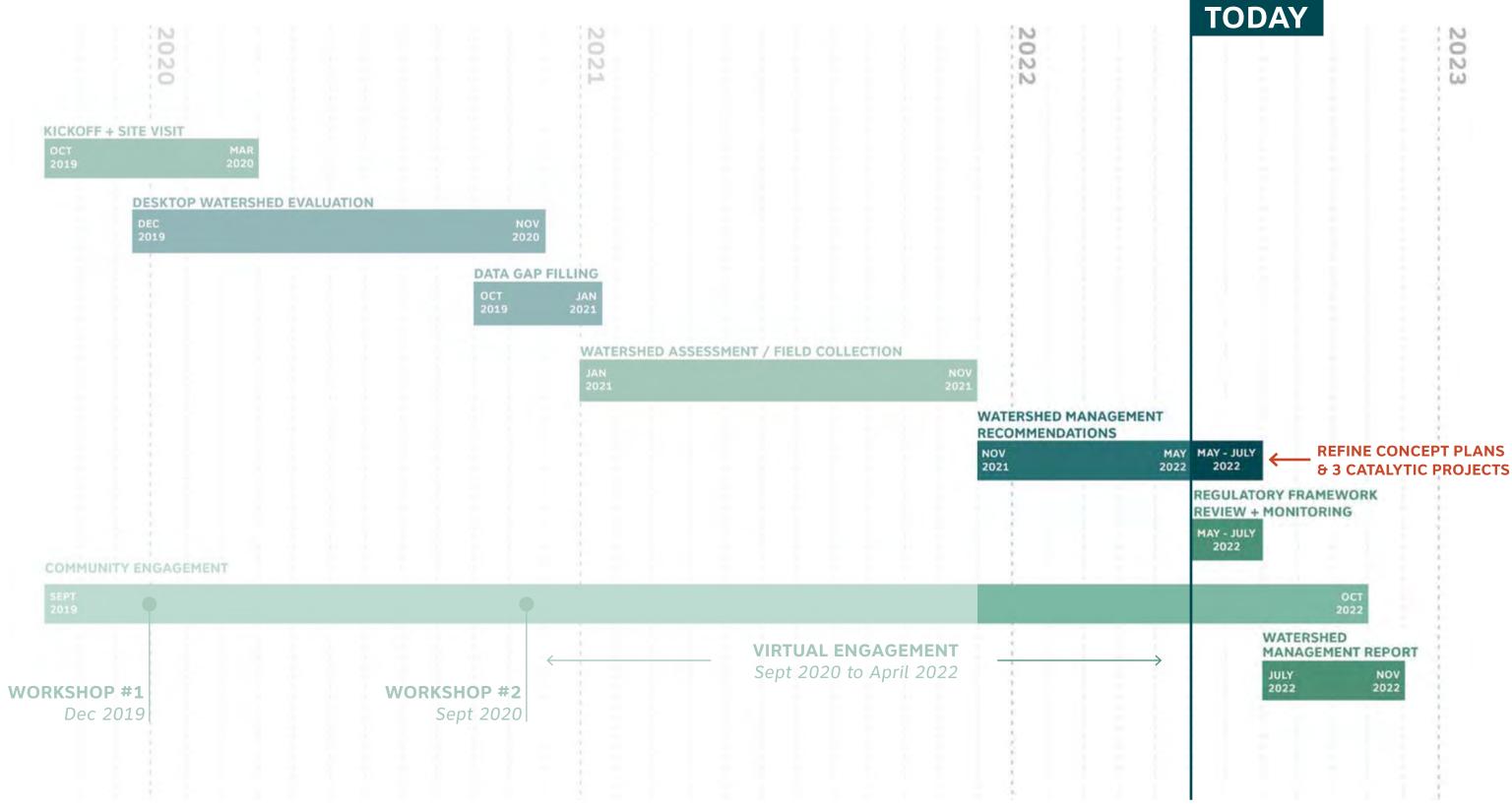








# **MOVING TOWARDS IMPLEMENTATION**





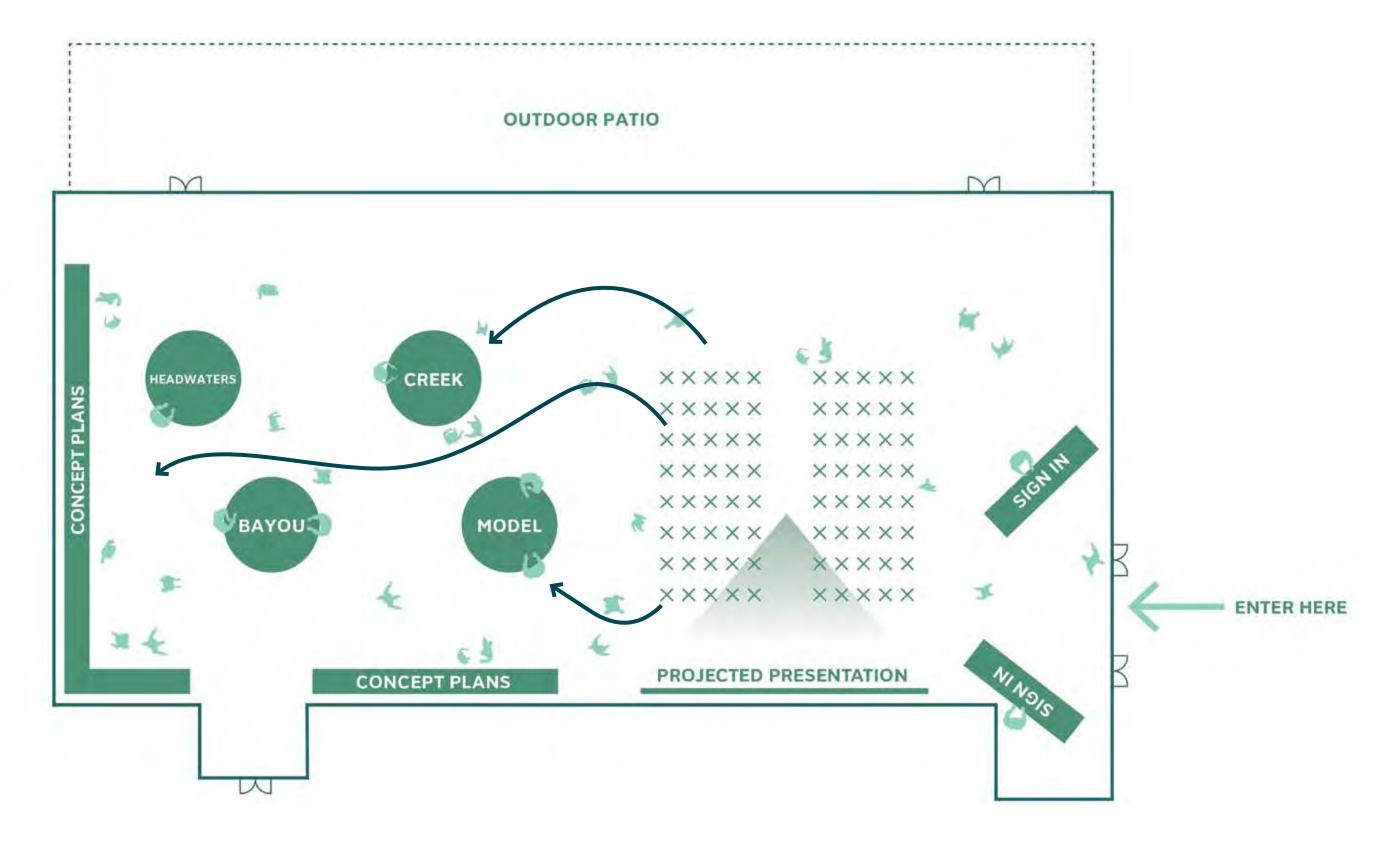






# TODAY'S WORKSHOP

# **OPEN HOUSE LAYOUT**











# PLEASE SUBMIT ANY ADDITIONAL FEEDBACK BY SUNDAY, MAY 8

**EMAIL TEAM@RESTORETHEWATERSHED.COM** 



# **VOLUME 1D**

# COMMUNITY WORKSHOP NOVEMBER 15, 2022

WSP
SCAPE
IMPACT CAMPAIGNS
WETLAND SCIENCES
REBOL-BATTLE & ASSOCIATES

# CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN

**FOR ESCAMBIA COUNTY** 

# FINAL OPEN HOUSE / PUBLIC MEETING

**SUMMARY MEMO NOVEMBER 2022** 

# **TABLE OF CONTENTS**

Summary Memo Overview	3
Tuesday, November 15 Agenda	3
Public Meeting #3 Summary	5
Overview	5
Public Meeting Layout	6
Public Meeting Participants	7
Appendices	11
Appendix A: Public Meeting Presentation	11

# **SUMMARY MEMO OVERVIEW**

Task 7.5 of the project scope included a public meeting to share back the Watershed Management Plan (WMP) and indicate steps being taken to implement its recommendations. The meeting combined a robust presentation with an "open house" featuring stakeholder groups working to restore Carpenter Creek & Bayou Texar. The format of the meeting was designed to facilitate the transition from the WMP process to implementation and to provide opportunities for the public to be involved in this transition.

#### **TUESDAY, NOVEMBER 15 AGENDA**

- Welcome (5:30-6:00)
- Presentation (6:00-6:30)
  - Introduction
  - What We've Heard
  - Catalytic Projects
  - Stream Restoration Phasing
  - Monitoring & Evaluation Recommendations
  - Escambia County RESTORE Division
  - Pensacola & Perdido Bay Estuary Program
- Open House (6:30-7:30)











# **PUBLIC MEETING #4 SUMMARY**

#### **OVERVIEW**

The final public meeting for the Carpenter Creek & Bayou Texar Watershed Management Plan was held on November 15 at the Bayview Community Center. A key objective of the meeting was to share back the WMP and steps being taken to implement its recommendations. Additionally, the following stakeholder groups hosted tables where attendees were able to learn more about work in progress to restore the watershed:

- Escambia County
- City of Pensacola
- Pensacola & Perdido Bays Estuary Program
- UF/IFAS Extension Florida Yards & Neighbors and Sea Grants
- Ciclovia Pensacola
- Florida Department of Environmental Protection
- Pensacola Paddle Trail

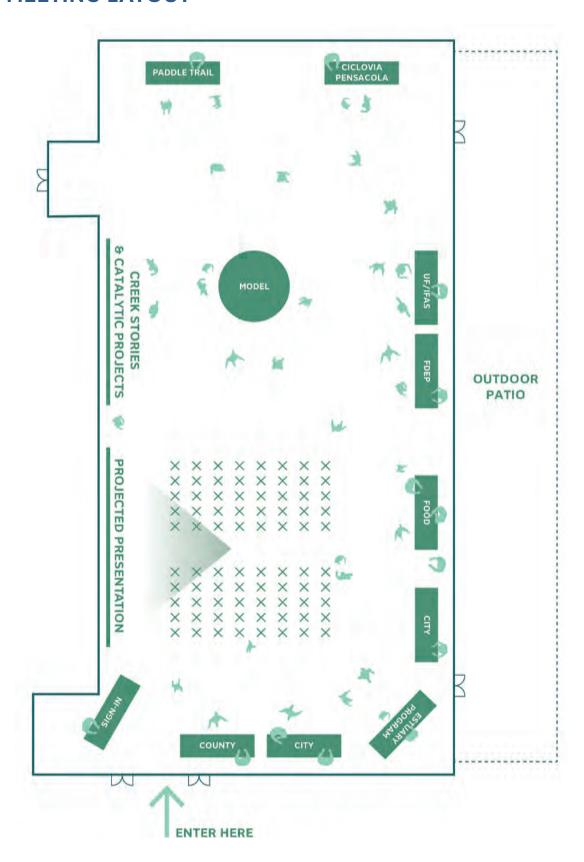
The meeting began with a presentation by Escambia County RESTORE Program Manager Terri Berry, Pensacola & Perdido Bays Estuary Program Director Matt Posner, and WMP team members from WSP, SCAPE, and Wetland Sciences Incorporated. The presentation covered funding opportunities being pursued by the County and Estuary Program, a high-level overview of the WMP's recommendations including monitoring and phasing strategies for future stream restoration, and an introduction to the design work completed on three catalytic sites selected at the May 2 Open House. To view the presentation slides, please see Appendix A.

Following the presentation, attendees were invited to engage with representatives from stakeholder groups working to improve the health of Carpenter Creek and Bayou Texar. Each stakeholder group hosted a table with materials illustrating their ongoing initiatives and available resources.

As the WMP process comes to a close, the final public meeting served as an opportunity for the WMP team to "pass the baton" to stakeholder groups that have been continuously engaged since 2019 and to make large- and small-scale next steps clear to the public.

**WMP TEAM OPEN HOUSE FACILITATORS:** Escambia County: Terri Berry, Brent Wipf; WSP: Christine Mehle, Jeanette Kelson, John Kiefer, Celeste Lyon; SCAPE: Sophie Riedel, Kaede Polkinghorne; WSI: Keith Johnson; Impact Campaigns: Travis Peterson; City of Pensacola: Mark Jackson, David Forte

#### **PUBLIC MEETING LAYOUT**



#### **PUBLIC MEETING PARTICIPANTS**

Excluding the project team, 60 residents and stakeholders attended the open house:

Don Palmer

Jim Knerr **Alex Morris** John Melcher, Jr. Allen Vinson Julia Pearsall Andy Hong Kelly Morris Andy Lynn Kristin Bennett Angela Kyle Lana Weathers Bab Ozburn Marilyn Wolfe Barbara Buss Mark Cumpston Beth Fugate Melanie McConnell Bree Conover Melissa Caldwell Caitlin Cerame

Ora Wills Charles Bare Pat Crawford Chris Curb

Patricia Joe Edmisten Cory Wilkinson

Paul Pipes **David Brewer** Rand Hicks David Brewer Reece Changlor Deb Asplund Richard Loiselle Diane Rickman Buckaleo Rick O'Connor

Commissioner Robert Bender Doug Heatwole

Robin Rowan Fritz Buss Rockie Jaivis George R. Winfield Sarah O'Toole Mayor Grover Robinson Sean O'Toole **Hugh Turner** 

Councilmember Sherri Myers J. N. Davis Stacy Hayden

Jake Cavender Susanne Weathers James Rem Tammy Vanderhey Jennifer Melcher Tom McLaughlin Jeremy Morrison

Vicki Hall Jerry Newton Victoria Sauer Jill Knerr











Open house attendees listening to the introductory presentation given by Escambia County RESTORE Program Manager Terri Berry, Pensacola & Perdido Bays Estuary Program Director Matt Posner, and WMP team members



Caitlin Cerame, Transportation Planner for the City of Pensacola, gathers input from an attendee for upcoming planning initiatives which include selected sites from the WMP's Collection of Bayou Outfalls



Large prints of the three catalytic project sites were available for attendees to review and discuss



A site model marked with all 15 priority sites identified by the WMP (including the three catalytic project sites) and printed concept plans were available for attendees to take a closer look







# CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN NOV 15, 2022



# PROJECT TEAM AND GOALS







TERRI BERRY
RESTORE PROGRAM
MANAGER



BRENT WIPF
WATER QUALITY &
LAND MANAGEMENT
MANAGER



MARK JACKSON
SUSTAINABILITY
COORDINATOR



DAVID FORTE
DEPUTY CITY
ADMINISTRATOR



MATT POSNER

PENSACOLA &

PERDIDO BAYS

ESTUARY PROGRAM















CHRISTINE MEHLE
PROJECT MANAGER



JEANETTE KELSON

ASSISTANT PROJECT

MANAGER / SENIOR

ENGINEER



JOHN KIEFER
BIOPHYSICAL
ENGINEER AND
TECHNICAL ADVISOR



CELESTE LYON
WATER QUALITY
TECHNICAL LEAD











# SCAPE LANDSCAPE ARCHITECTURE DPC



GENA WIRTH
PRINCIPAL IN CHARGE



SOPHIE RIEDEL
SENIOR DESIGNER



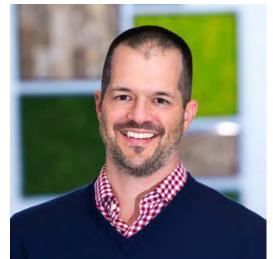
KAEDE POLKINGHORNE DESIGNER





KEITH JOHNSON
ENVIRONMENTAL SCIENTIST





TRAVIS PETERSON

COMMUNITY ENGAGEMENT

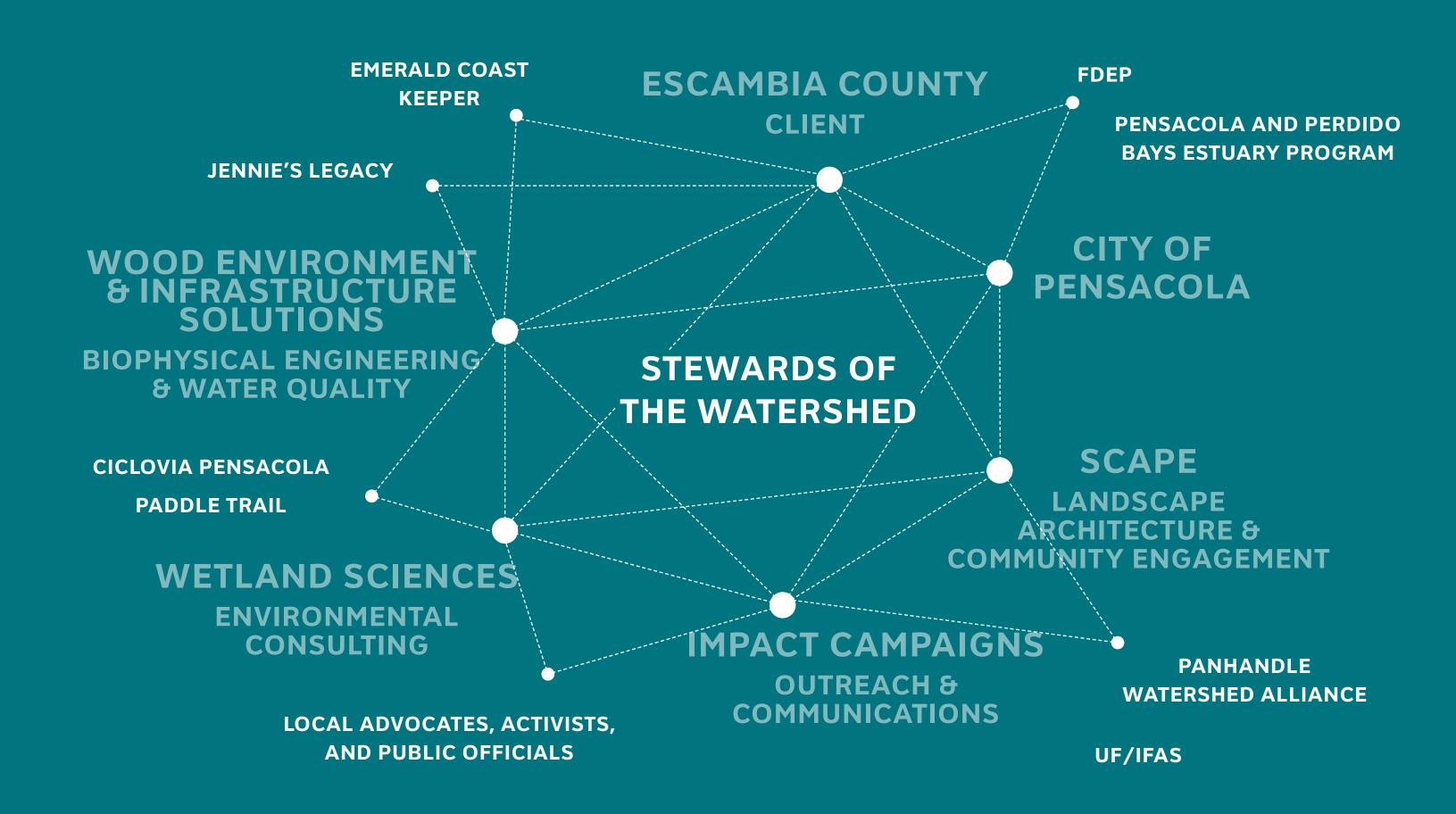






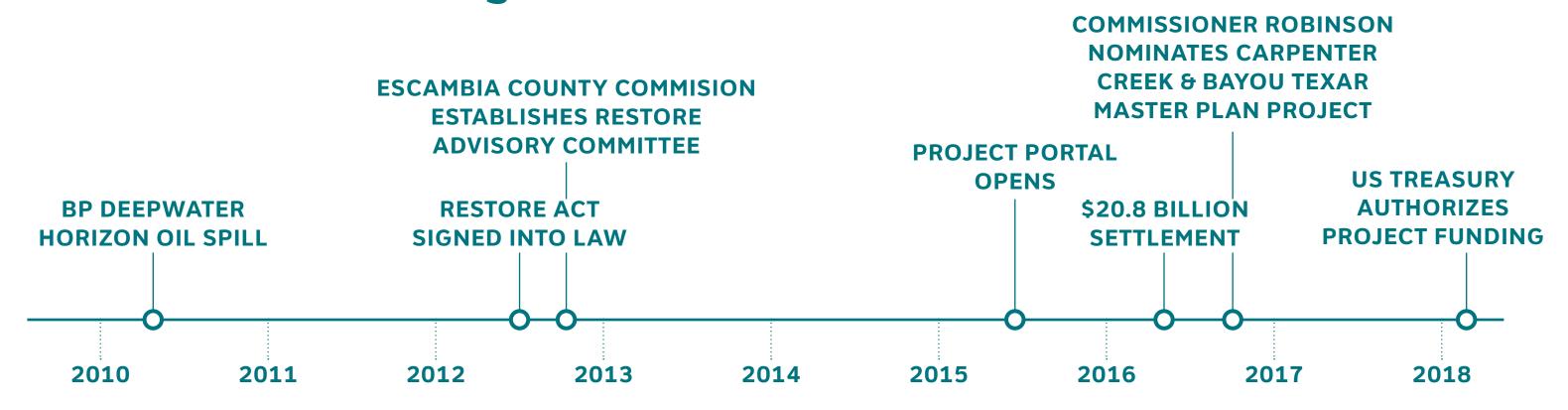






# **RESTORE ACT**

The RESTORE Act dedicates 80 percent of all administrative and civil penalties related to the Deepwater Horizon spill to restore and protect the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, coastal wetlands, and economy of the Gulf Coast region.



# **PROJECT GOALS**

- Manage water quantity and improve water quality
- Protect, enhance, and restore wildlife habitat
- Expand public access and recreation opportunities
- Build more equitable and resilient communities
- Foster stewardship by connecting residents to their watershed

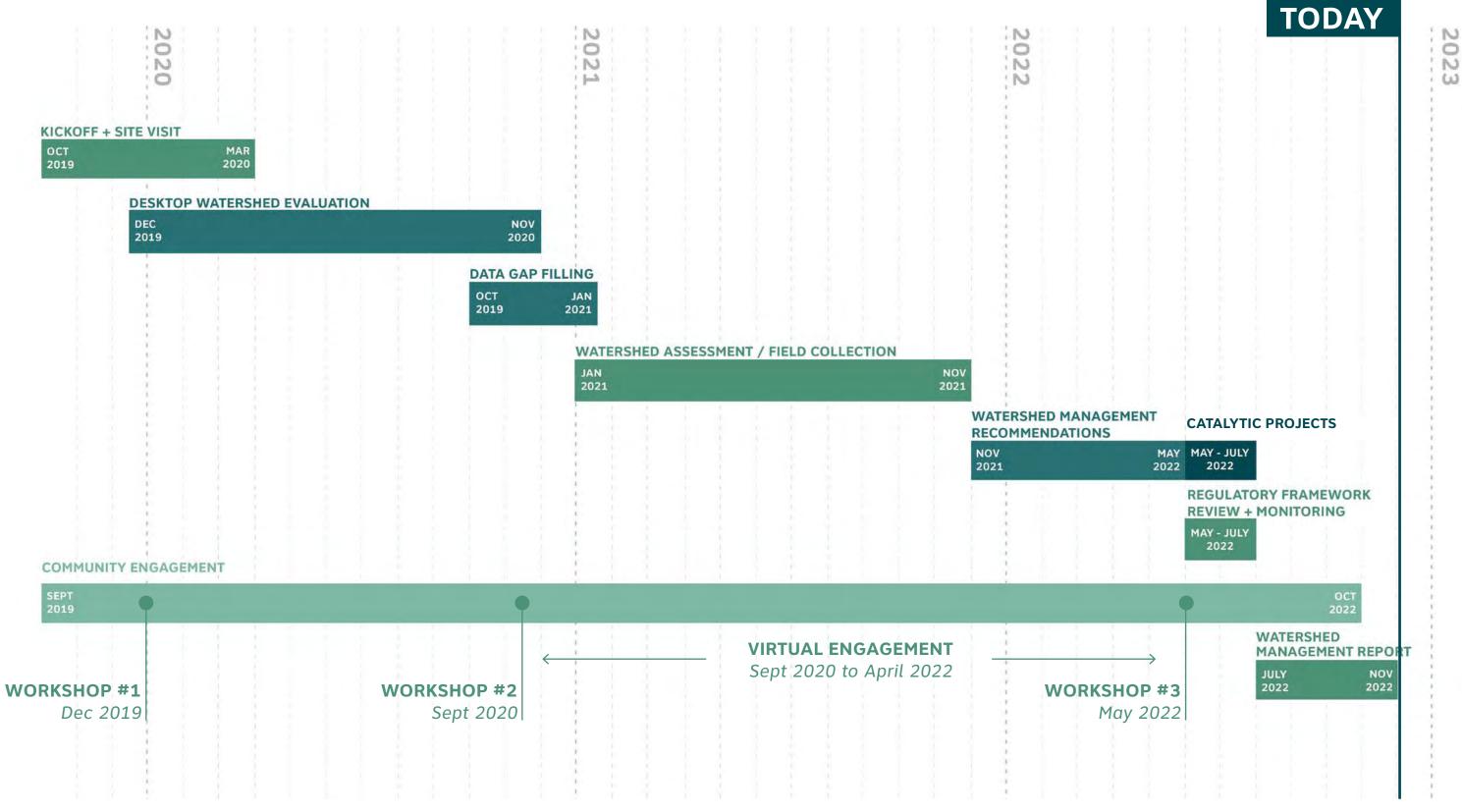






# **PROJECT TIMELINE**

# **WE MADE IT!**













# **TODAY'S AGENDA**

- 1. Introduction
- 2. What We've Heard
- 3. Catalytic Projects
- 4. Stream Restoration Phasing
- 5. Monitoring & Evaluation Recommendations
- 6. Escambia County RESTORE Division
- 7. Pensacola & Perdido Bay Estuary Program
- 8. Open House











# WHAT WE'VE HEARD

# **COMMUNITY ENGAGEMENT TIMELINE**

- 1. Public Meeting (Dec 2019)
- 2. Site Walk (Feb 2020)
- 3. Stakeholder Meeting (Feb 2020)
- 4. Public Meeting (Sep 2020)
- 5. Online Story Map + Idea Wall (Sep 2020)
- 6. Creek Geek Videos (Jun + Oct 2021)
- 7. Technical Advisory Group Outreach (Feb 2022)
- 8. Online Site Surveys (Mar 2022)
- 9. Public Meeting (May 2022)
- 10. Today's Meeting!











# **PUBLIC MEETINGS**



**Public Presentation** 



**Public Workshop: Interactive 3d Model** 



**Public Workshop: Story Booth** 



**Public Workshop: Post Card and Questionnaire Activity** 



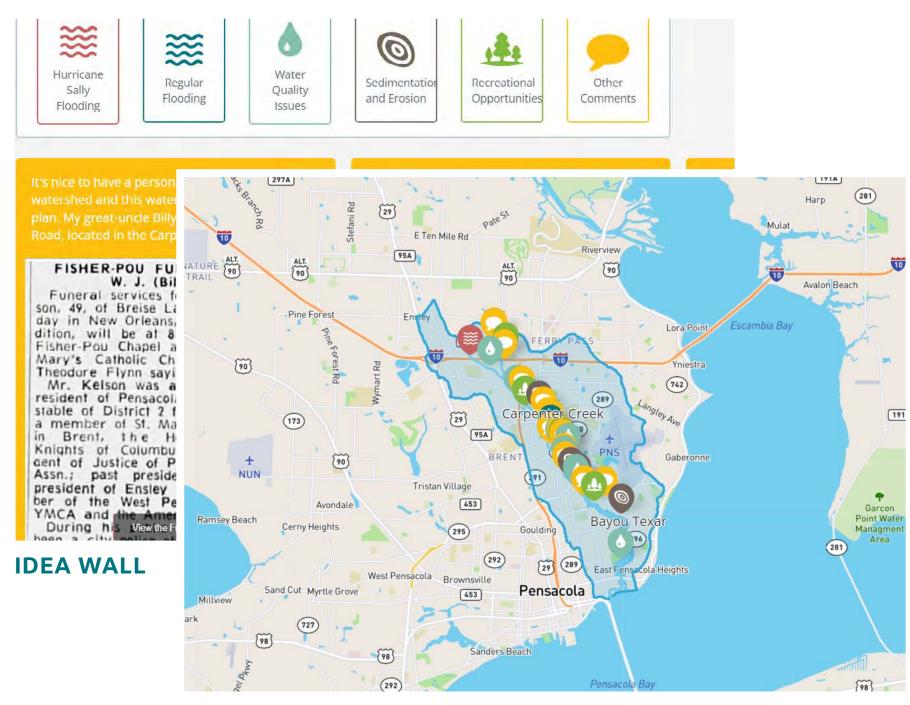








# **ASSESSMENT PHASE FEEDBACK RECEIVED ONLINE**



# **TAKEAWAYS**

- Provide easy kayak access as far up the creek as possible
- Address sediment, litter, and polluted runoff, which are currently major challenges to adequate access
- Incorporate existing informal public access points into formal public access and recreation strategies

**INTERACTIVE MAP** 

# **RESTORE-THE-WATERSHED.COM**



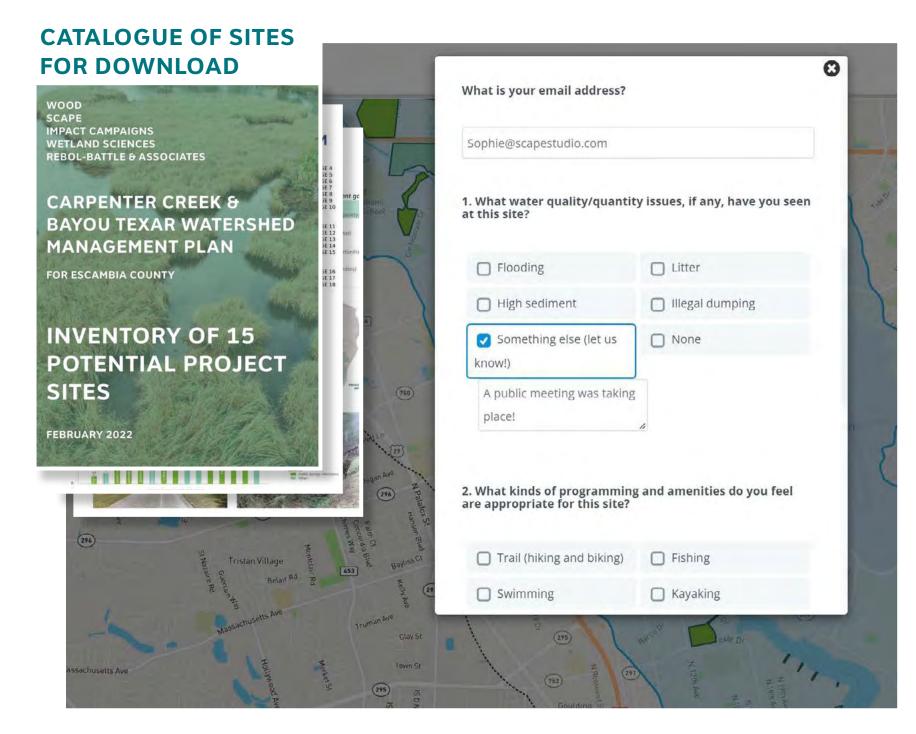








# RECOMMENDATIONS PHASE FEEDBACK RECEIVED ONLINE



**INTERACTIVE MAP** 

# **RESTORE-THE-WATERSHED.COM**

CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN NOV 15, 2022

## **TAKEAWAYS**

- Carefully incorporate the creek's cultural legacy from N Davis Highway to N 9th Avenue, where public access was historically concentrated
- · Address sediment, litter, and polluted runoff
- Provide trails, kayaking, and seating where possible across the creek system





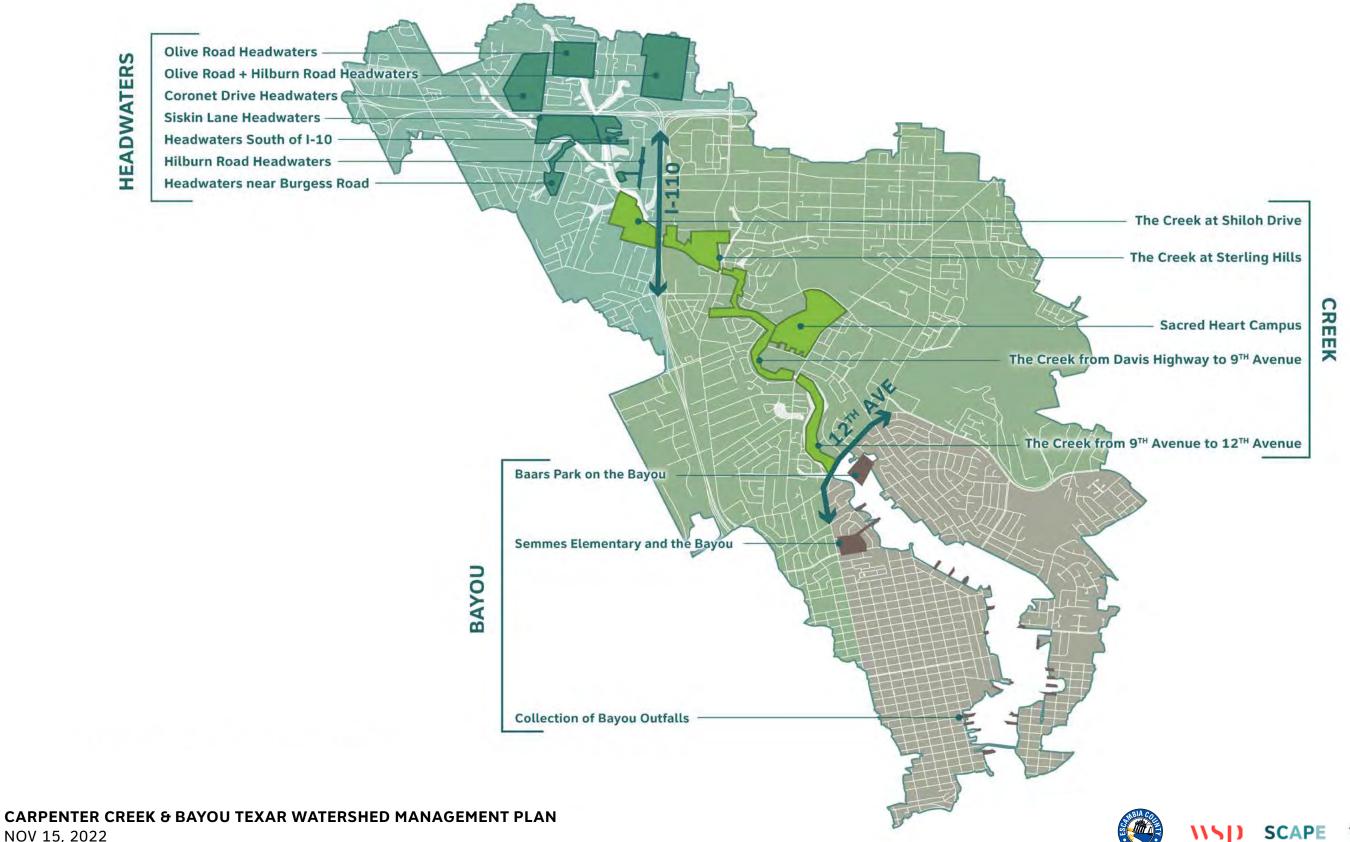








# RECOMMENDATIONS SHARED AT THE LAST PUBLIC MEETING



# RECOMMENDATION BENEFITS

If all recommendations were implemented, the watershed would see...

- 2.4 miles of stream restored
- 27.5 acres of wetland restored
- 3,285 lbs/yr total nitrogen removed
- 118.5 lbs/yr total phosphorus removed
- 2,315 tons/yr sediment removed
- 5 new kayak launches and an extended blueway
- over 10 miles of bike improvements









# **RESPONSE TO CATALYTIC PROJECTS**



THE CREEK FROM DAVIS HIGHWAY TO N 9TH AVENUE (SITE 10) - receiving 80+ "votes"











# CATALYTIC PROJECTS



### THE CREEK FROM DAVIS HIGHWAY TO AIRPORT BOULEVARD

While stream restoration is proposed throughout the catalytic projects, the 1,440-foot stretch between Davis Highway and Airport Boulevard is a critically urgent segment of proposed restoration that will improve water quality further downstream. The WMP Watershed Assessment found that Carpenter Creek is highly vulnerable from I-110 to N 9th Avenue, facing such challenges as valley slope failures. Recommended access to the creek's banks is minimal through this highly compromised segment, with an existing stormwater pond activated by pedestrian trails providing nearby residents with public green space and a multi-modal trail linking the site to key destinations. The proposed stream restoration will also extend the Bayou Texar blueway to Davis Highway, presenting the opportunity for a low impact kayak launch along the proposed trail.



Eroded hillslopes at Davis Highway (existing condition)

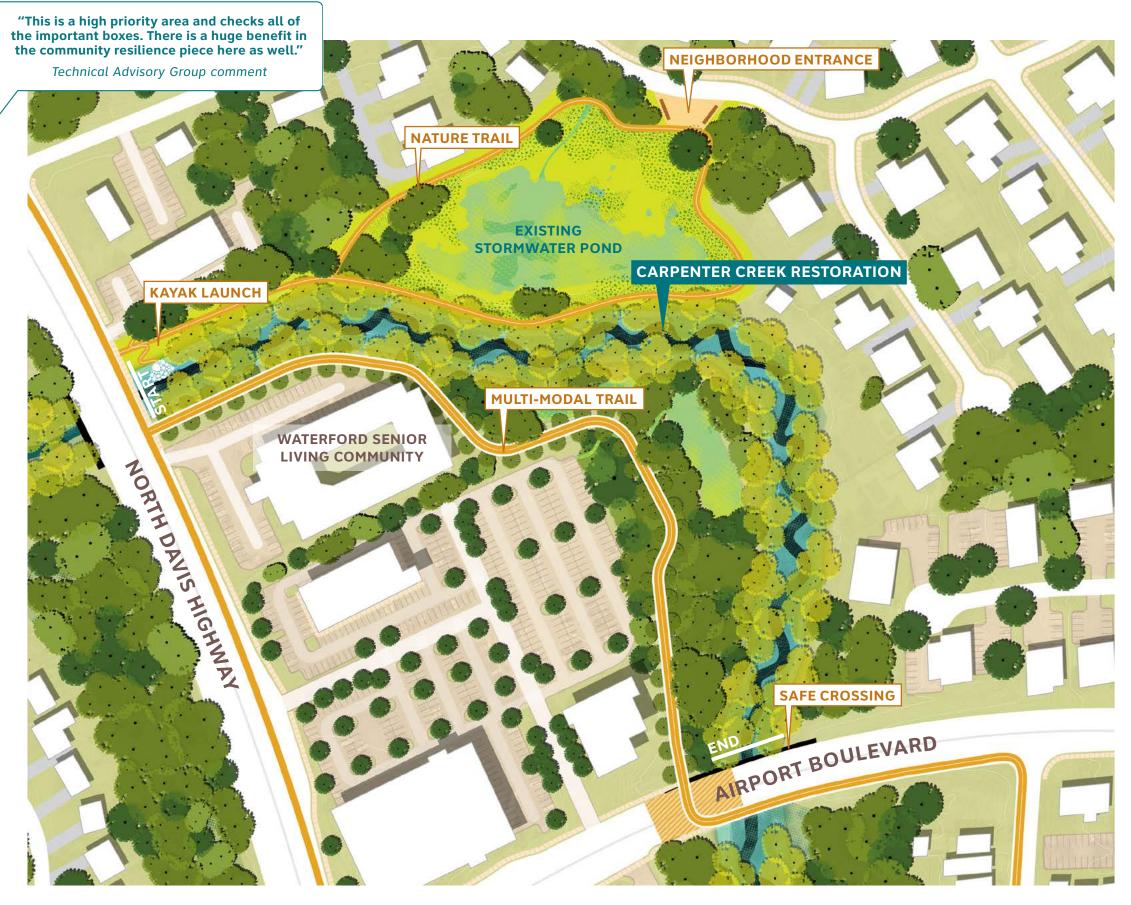


Upper Myakka River restoration approximately one year after construction

#### **LEGEND**















## THE CREEK AT JENNIE'S **SWIMMING HOLE**

Recognizing the historic and cultural significance of Jennie's Swimming Hole is a resounding priority. Jennie Hudgins was a matriarch of Pensacola's Black community and co-founder of the New Hope Missionary Baptist Church. Beyond its 2,950-foot stream restoration, the site has the potential to become a vibrant public park that serves surrounding communities while educating Pensacolans on Jennie's legacy. Potential park programming includes a flexible lawn, a swooping nature trail lined with public art installations, a dynamic "scramble" comprised of dynamic pedestrian paths interlaced with stone seating, a kayak rest, and an elevated overlook facing the restored swimming hole.



AMC parking lot backing up to the dense riparian vegetation of Carpenter Creek (existing condition)



Author and historian Ora Will and her daughter Angela Kyle, direct decendents of Jennie Hudgins











#### THE CREEK AT 9TH AVENUE

Carpenter Creek holds the potential to become the spine in a braided network of multi-modal trails, bike lanes, blueway routes, and pedestrian rambles that connect Pensacolans to one another and to key destinations across the city. At N 9th Avenue, these elements intersect. Multi-modal and walking trails paired with a kayak launch and dedicated parking provide a connection to diverse mobility networks. Plugging into a recommended bike lane along N 9th Avenue connects visitors with Downtown Pensacola to the south. Looping boardwalks over an existing stormwater pond and a low-impact window to the proposed stream restoration connect residents with water management practices in the watershed. Cumulatively, these strategies serve to provide equitable access to the creek and the amenities it will soon support.



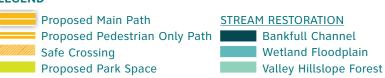


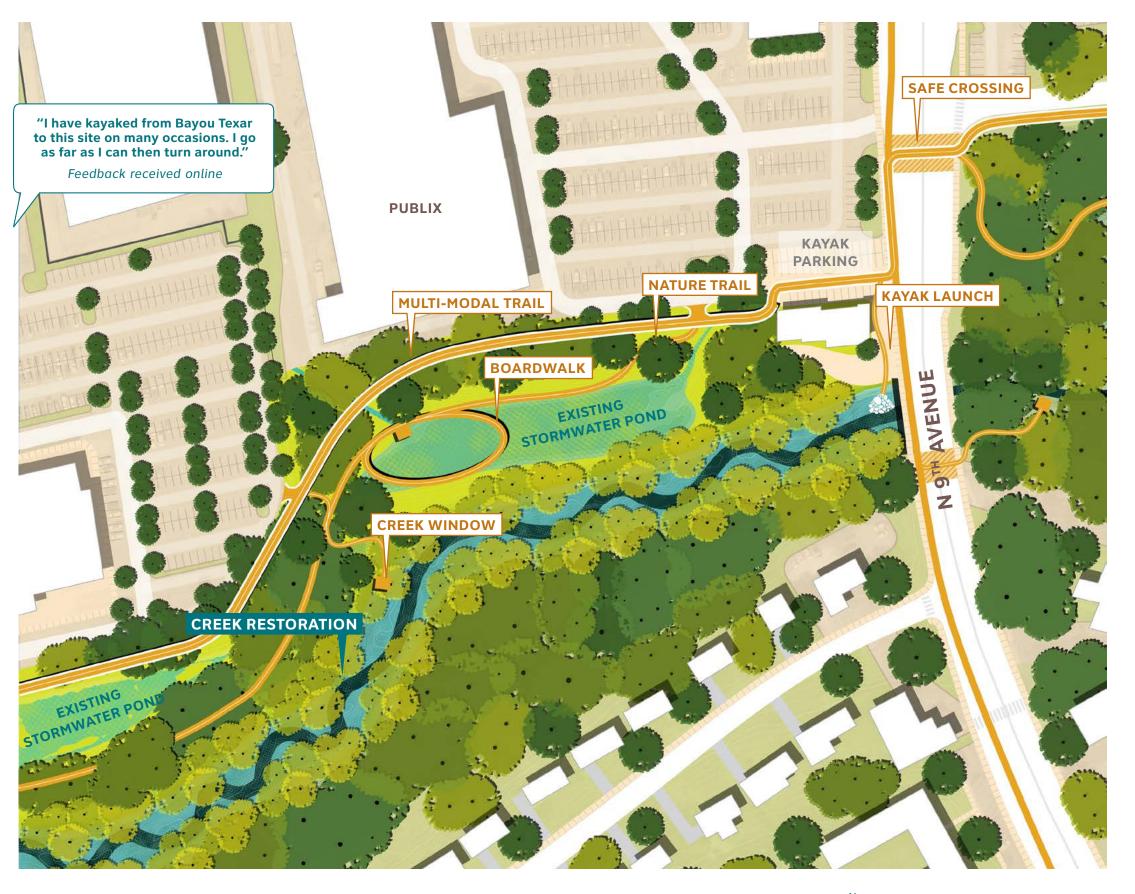
Multi-modal greenway



Blueway kayak launches

#### **LEGEND**





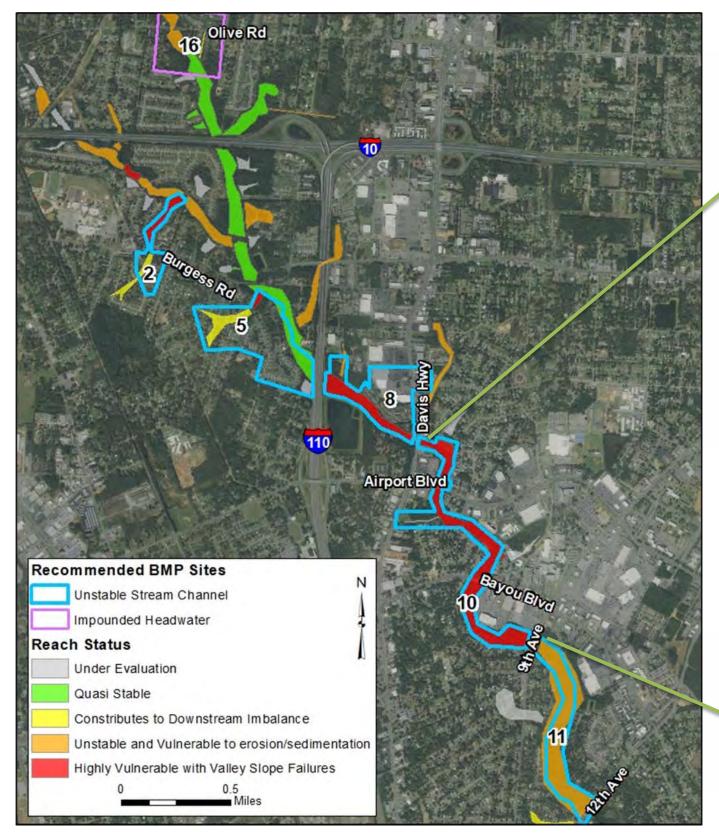






# STREAM RESTORATION PHASING

### LOGICALSTREAMENTESTARANIONSOMISTRUQUIQNUNITS









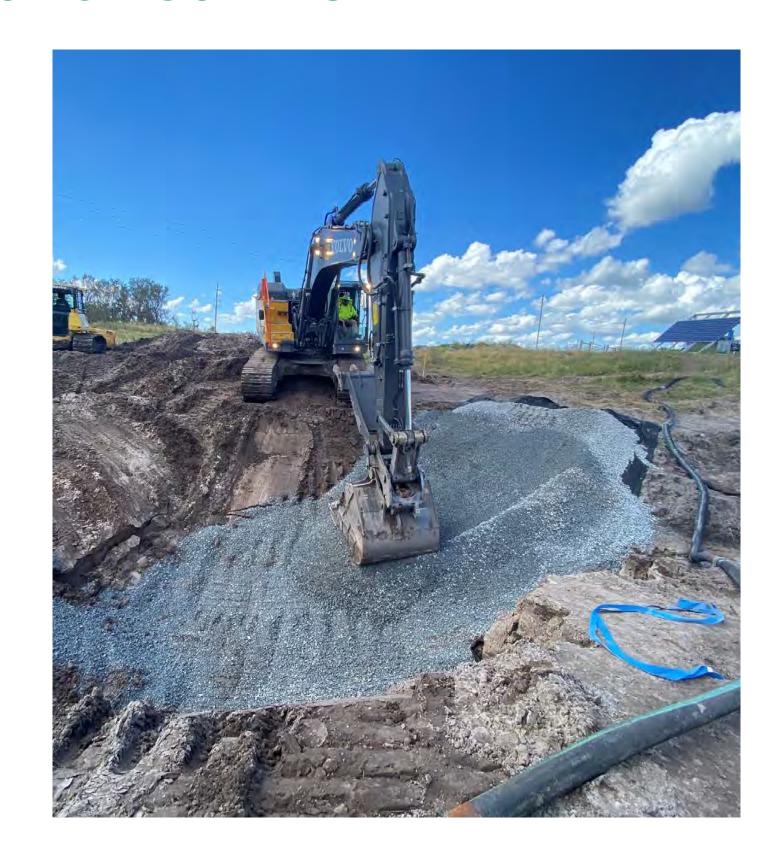






#### **FACTORS AFFECTING CONSTRUCTION SCHEDULE**

- 1. Funding cycles
- 2. Design capacity
- 3. Real estate agreements
- 4. Permitting
- 5. Contractor availability
- 6. Contractor capacity
- 7. Construction material availability
- 8. Sediment sources
- 9. Urgent needs





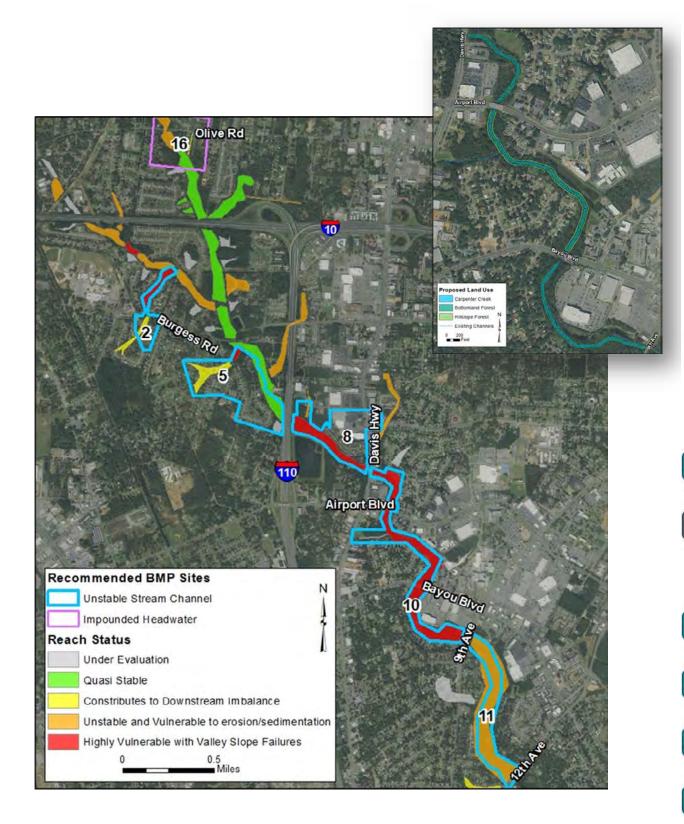




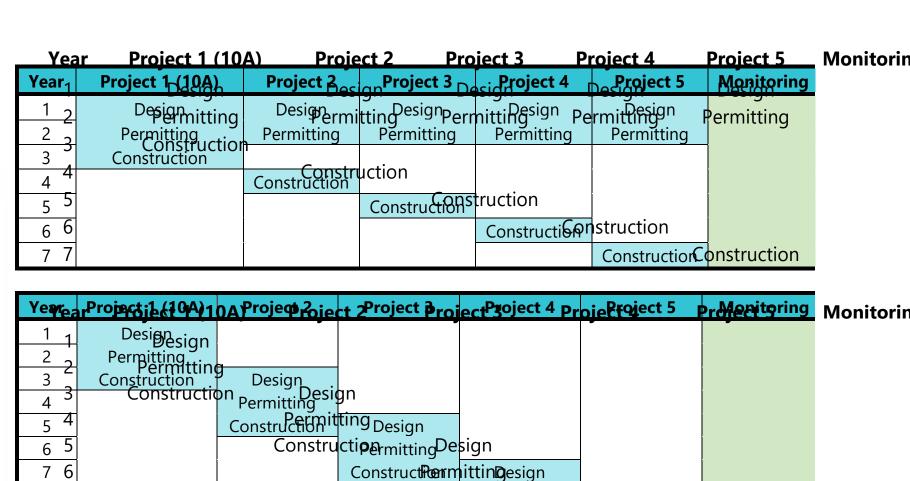


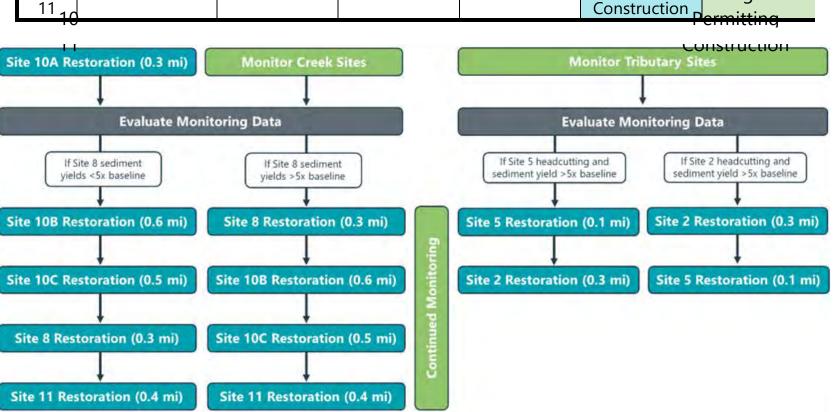


#### **SCHEDULE SCENARIOS**



10<u>9</u>









Construction Design

Construction ermitting ign

Construction





Design



# MONITORING & EVALUATION RECOMMENDATIONS

#### MONITORING AND EVALUATION RECOMMENDATIONS

- Introduction
- Purpose provide tools to track performance against objectives and provide information to help managers at all levels with implementation of the WMP
- Site Specific Projects
- Metrics











### **METRICS**

#### **SURFACE WATER QUALITY**

- Design above/below watershed
- Parameters
  - Field measurements Flow, pH, temperature, dissolved oxygen, oxygen saturation, specific conductivity, turbidity, etc.
  - Laboratory analysis
    - Nutrients
    - Total Suspended Solids
    - Chlorophyll a
    - Microbiology

#### **BIOLOGICAL**

- Benthic Macro Invertebrates
  - Stream Condition Index
- Plant Community Structure
  - Forested Wetland Condition Index
  - Modified Line Intercept Technique
- Fish











### METRICS, CONT.

#### **GEOMORPHIC STREAM MONITORING**

- Bank Pins
- Scour Chains
- Cross-Sectional Surveys





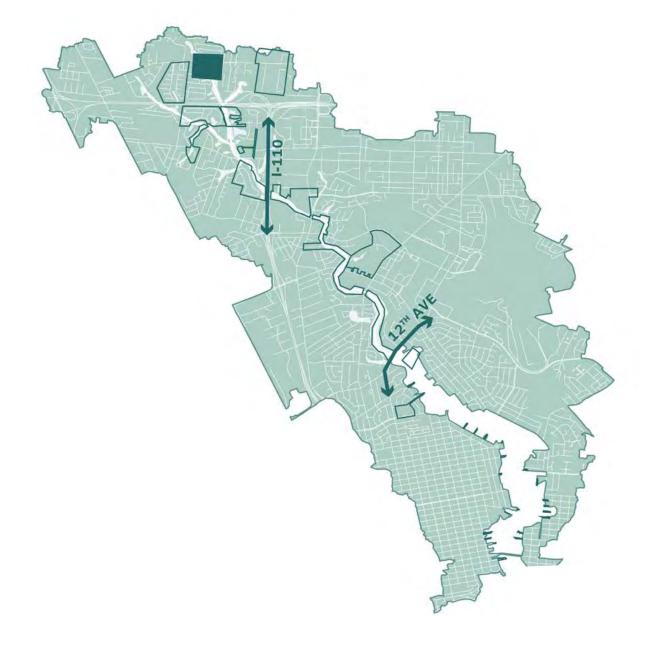




# ESCAMBIA COUNTY RESTORE DIVISION

### **OLIVE ROAD HEADWATERS SITE (SITE 16)**

- County is currently under negotiations with a consultant to design a stormwater pond to improve water quality and park amenities
- County applied for additional implementation funding through FDEP Resilient Florida Program
- If awarded, funds will expand plans for drainage and roadway improvements along West Olive Road and boost efforts to enhance water quality while providing recreation opportunities at the future Carpenter Creek Headwaters site
- The list of awarded projects is expected to be released by FDEP in early 2023











#### **OLIVE ROAD HEADWATERS (SITE 16) - CONCEPT PLAN**

UPLAND

HARDWOOD

FOREST

EXISTING BIKE ROUTE SEDIMENT & TRASH REMOVAL

WATER QUALITY TREATMENT

RESTORED BEAVER POND

IMPROVED

LAUNCH

HIKING TRAILS

**EXISTING PATH** 

PADDLE CRAFT

#### RECOMMENDATIONS

- Modify the existing drainage pipe north of Olive Road to create a permanent headwaters pond
- Construct sediment sump with skimmer device in existing roadside ditch for sediment and gross pollutants capture
- Amend soil upflow treatment system to remove nutrients from baseflow and low stormwater flows
- Potential location for stormwater pond to provide detention and treatment for Olive Road drainage and sidewalk improvements.
- Install water flow control feature under boardwalk
- Construct linear planted channels that work with grade control structures to move and filter water from incising eastern ditch to the wetlands at the center of the site
- Create primary park entrance and improve existing bike routes in alignment with ongoing Olive Road drainage and sidewalk improvements
- Improve and extend existing paths on site to create continuous public access, with combination of walking and biking trails
- Provide opportunities for fishing and wildlife viewing, including a boardwalk north of Olive Road and a paddle craft launch
- Pair restoration with educational programming of various scales such as a nature center, an outdoor classroom with benches and tables, and signage
- Homeowner rebate programs for "going green," permeable pavement replacement programs, public/private partnerships to inventivize LID/GI retrofits
- Restore drainage ditch with a meander and compact forested floodplain to prevent excessive erosion and improve water quality
- Support beaver habitat by installing beaver dam analogs and restoring central pond

#### LEGEND

Please note that while each recommendation is assigned to a RESTORE grant category, many recommendations are applicable to more than one category

#### WATER QUANTITY & QUALITY



Refer to text and points on map for individual



Treatment Basins

Level Spreader or Bioswale

#### **FISH & WILDLIFE HABITAT**



Refer to text and points on map for individual Ecological Communities\*

\*see labels on plan for type

#### PUBLIC ACCESS & RECREATION



TREATMENT BASINS

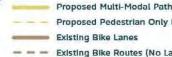
ADJACENT BMP SITE

CORONET DR HEADWATERS

REBATES & INCENTIVES

Refer to text and points on map for Individual Existing Park or Easement

Proposed Green Space



Proposed Pedestrian Only Path Existing Bike Lanes Existing Bike Routes (No Lane)

WETLANDS

\_\_CARPENTER

CREEK

HEADWATERS

Proposed Blueway **Existing Stops** Along Blueway

WILDLIFE VIEWING

NTERPRETIVE SIGNAGE

Refer to text and points on map for individual

Nearby Schools and other Social Infrastructure

COMMUNITY RESILIENCY

#### STREAM RESTORATION

BAYGALL WETLAND



#### **PROGRAMMATIC**



125

BENEFITS

**PERVIOUS PARKING** 

**STORMWATER** 

NATURE PLAY

PLANTED

CHANNELS

12 RESTORED DITCH

NATURE CENTER

BIORETENTION

OUTDOOR CLASSROOM

BEAVER DAM ANALOGS

RETENTION POND

**BOARDWALK WATER** 

**CONTROL FEATURE** 

Total Nitrogen: 207.4 lb/yr

· Sediment: 4.1 tons/yr

· Total Phosphorus: 66.3 lbs/yr

Refer to text and points on map for Individual recommendations

375 FT

Programmatic recommendations are watershed-wide strategies with

250

#### CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN

NOTE: ALL CONCEPT PLANS ARE DRAFTS AND WILL BE EDITED TO REFLECT FEEDBACK RECEIVED DURING THE PUBLIC MEETING

**EXPANDED HEADWATERS POND** 

FISHING &

OLIVE RD ENTRANCE

WILDLIFE VIEWING









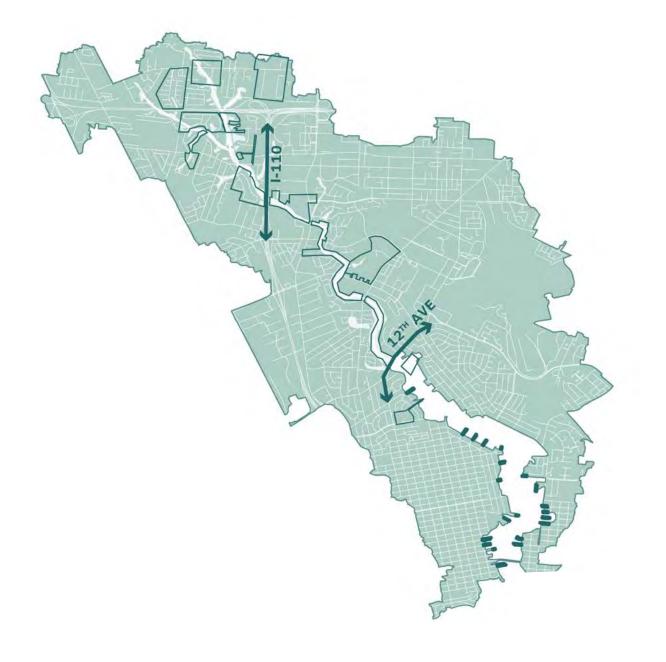


IMPACT Campaigns



## **COLLECTION OF OUTFALLS (SITE 15)**

- County submitted an application June 2022 to the Florida Department of Environmental Protection's (DEP) Deepwater Horizon Program (DWH) for RESTORE Funded Priorities List 3b for this site.
- The City of Pensacola will manage the project upon grant award











#### **COLLECTION OF BAYOU OUTFALLS (SITE 15) - CONCEPT PLAN**

#### RECOMMENDATIONS

- Maturalize flume by replacing existing concrete with rip rap
- 2 Install an inlet filter or other stormwater treatment unit at the head of the outfall
- Plant native riparian vegetation along both sides of the outfall to slow runoff
- Provide a low impact window to the bayou at outfall to visually connect residents with the water and showcase native vegetation and wildlife
  - · Where possible, consider potential small-scale community kayak launches or other public access programming in conjunction with Windows to the Bayou
- Rebate programs for conservation landscaping, rain barrel programs, permeable pavement replacement programs, lawn-to meadow principles
- Educational campaigns on BMPs for waterbody-edge design and on importance of the health of the headwaters
- Install "litter-gitter" or other trash collection and removal device
- Encourage and assist with promotional events such as bike tours to showcase green infrastructure, awards program for businesses that "go green"



#### LEGEND

Please note that while each recommendation is assigned to a RESTORE grant category, many recommendations are applicable to more than one category

#### WATER QUANTITY & QUALITY



Refer to text and points on map for individual

Treatment Basins

Level Spreader or Bioswale

#### **FISH & WILDLIFE HABITAT**



Refer to text and points on map for individual Ecological Communities\* \*see labels on plan for type





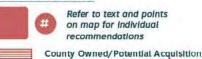
#### Proposed Blueway **Existing Stops** Along Blueway

Refer to text and points on map for individual

#### Nearby Schools and other Social Infrastructure



Bankfull Channel Wetland Floodplain Valley Hillslope Forest



Refer to text and points on map for Individual recommendations

Programmatic recommendations are watershed-wide strategies with















### **GRANT OPPORTUNITIES**

• County will continue looking for grant opportunities to fund other projects identified in the Watershed Master Plan

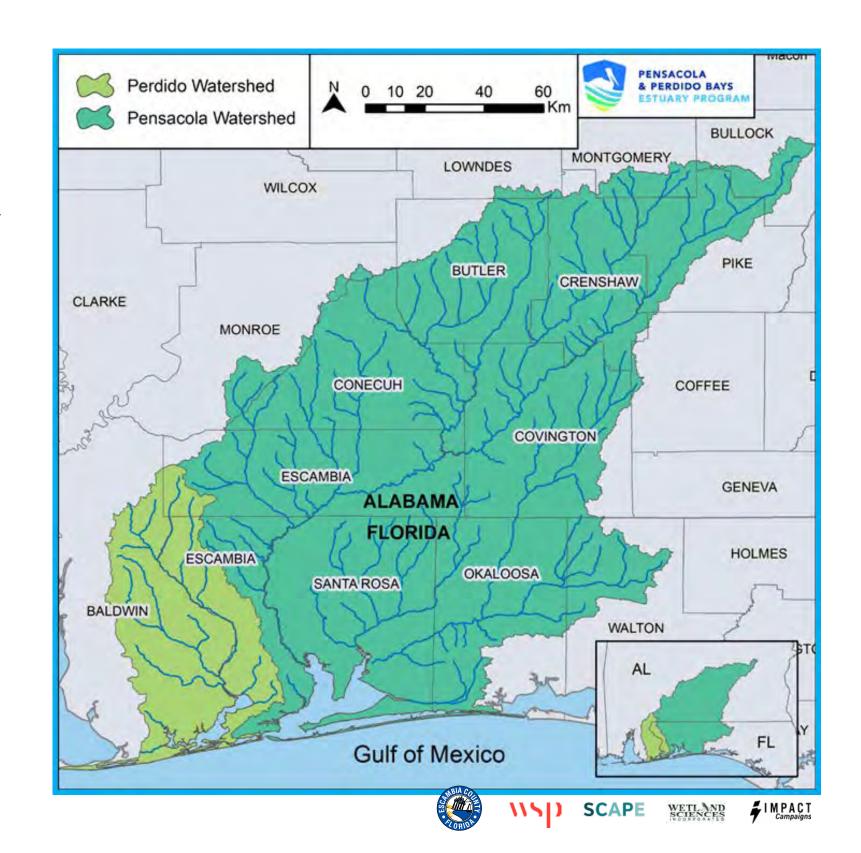








- Non-regulatory and non-taxing
- Stakeholder-driven, science-based
- Actionable and measurable targets
- Restoration, education and monitoring



- Non-regulatory and non-taxing
- Stakeholder-driven, science-based
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- Non-regulatory and non-taxing
- Stakeholder-driven, science-based
- Actionable and measurable targets
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- Non-regulatory and non-taxing
- Stakeholder-driven, science-based
- Actionable and measurable targets
- Restoration, education and monitoring
- Connection to the WMP:
  - RESTORE grant submitted for the design of Creek restoration catalytic project









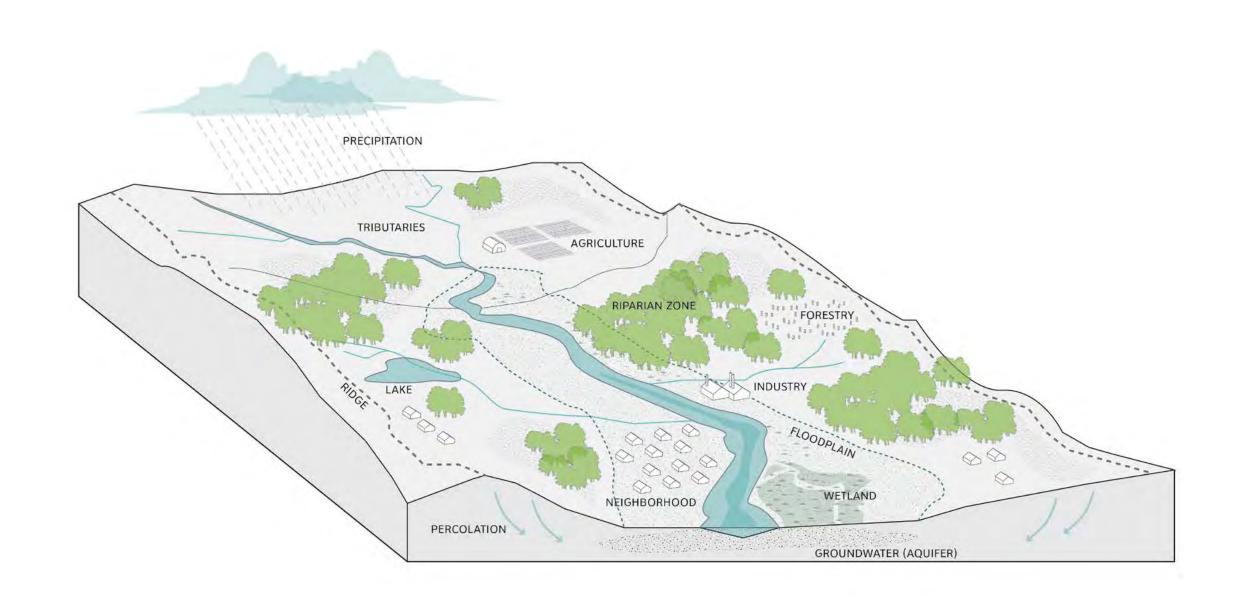




# TRIVIA!

# WHAT IS THE DEFINITION OF A WATERSHED?

A watershed is an area of land that drains all of its streams and rainfall to a common outlet, such as the mouth of a bay or a point along a stream's channel.

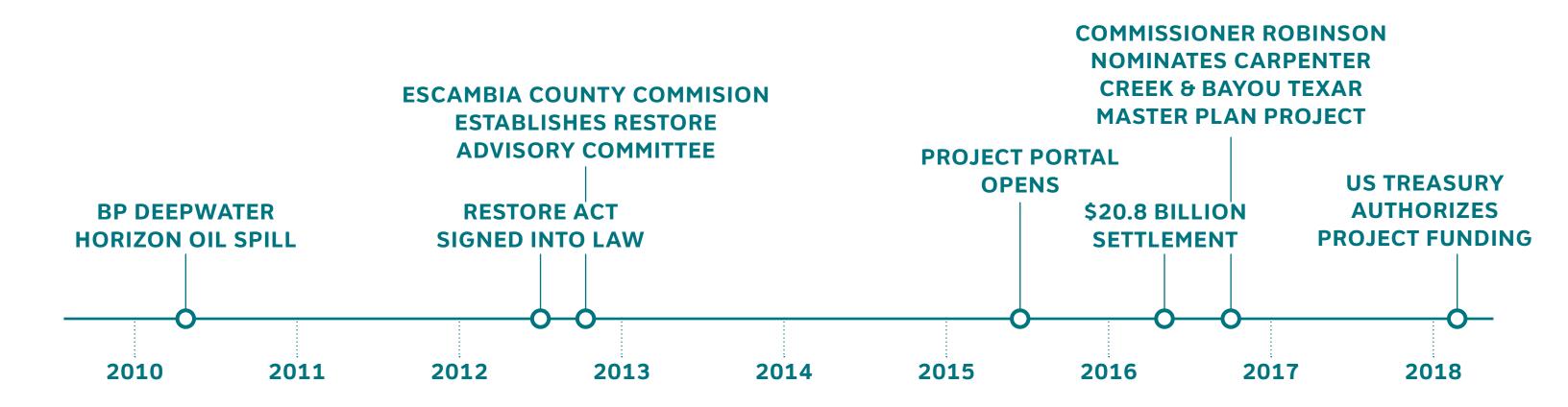


# HOW MANY "CATALYTIC PROJECTS" WERE RECOMMENDED AS PART OF THE WMP?



# WHICH GRANT FUNDS MADE THE WMP POSSIBLE?

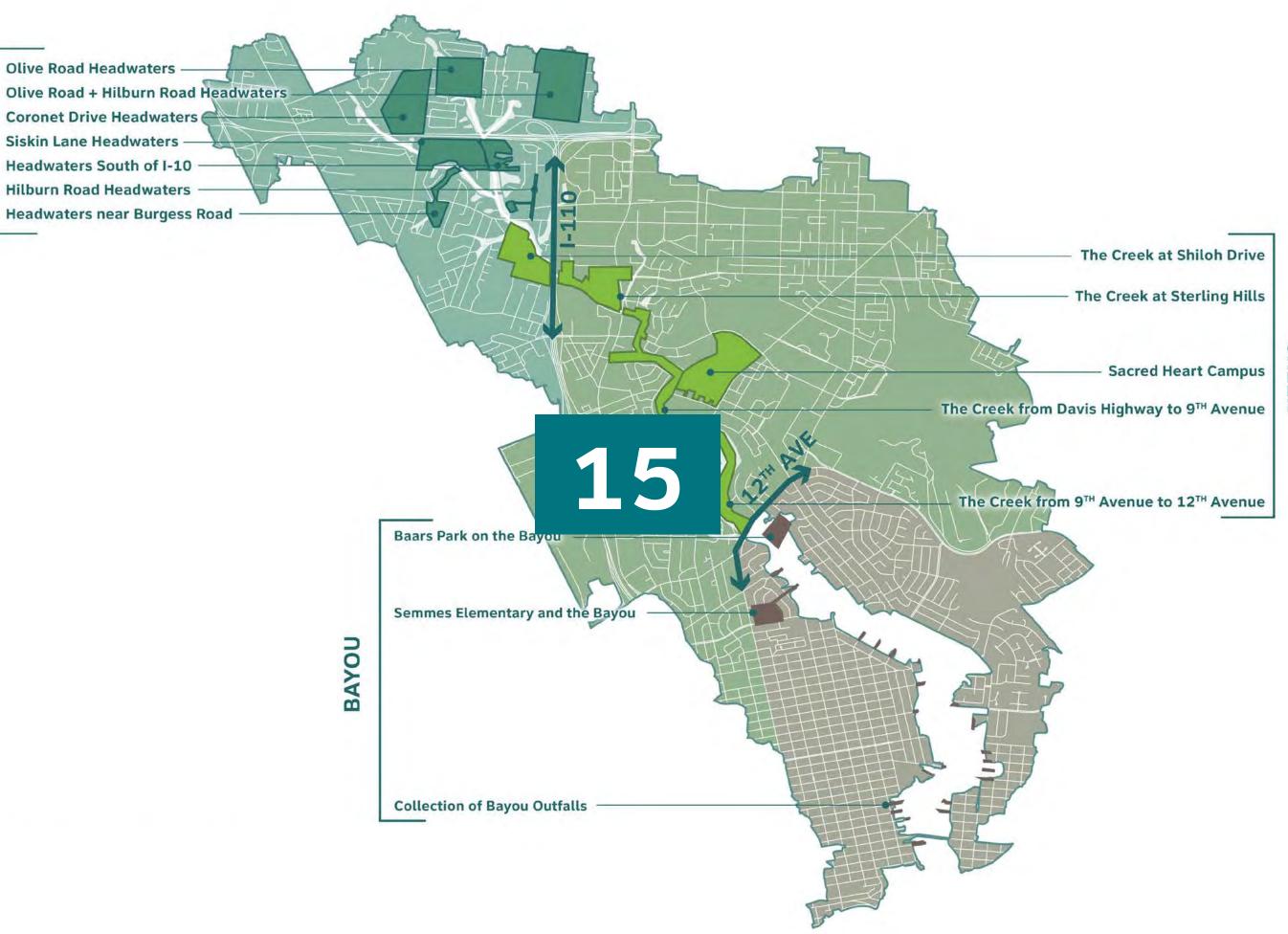
# RESTORE DIRECT COMPONENT ALLOCATION (POT 1)



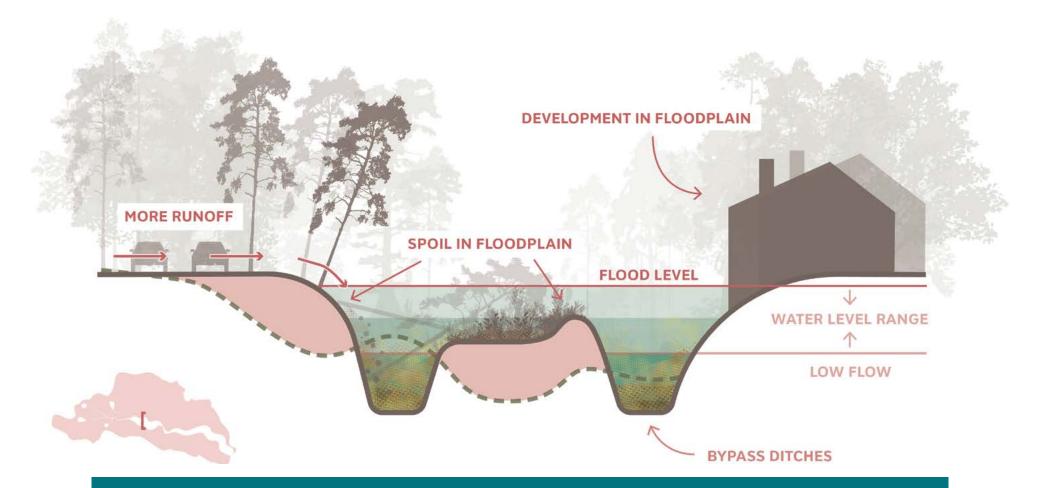
# HOW MANY SITE-SPECIFIC RECOMMENDATIONS WERE PUT FORWARD UNDER THE WMP?

**Olive Road Headwaters** 

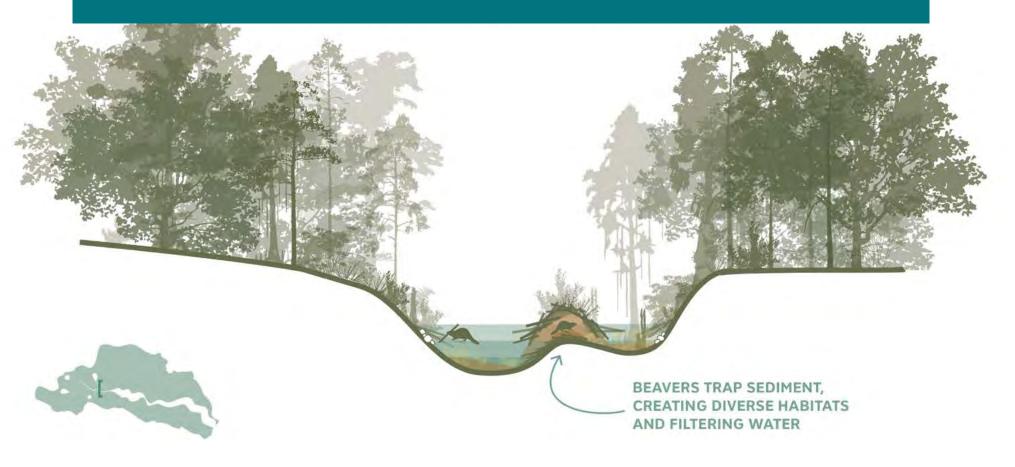
Siskin Lane Headwaters



# WHAT IS THE TERM FOR AREAS ALONG THE EDGES OF CREEKS & BAYOUS?

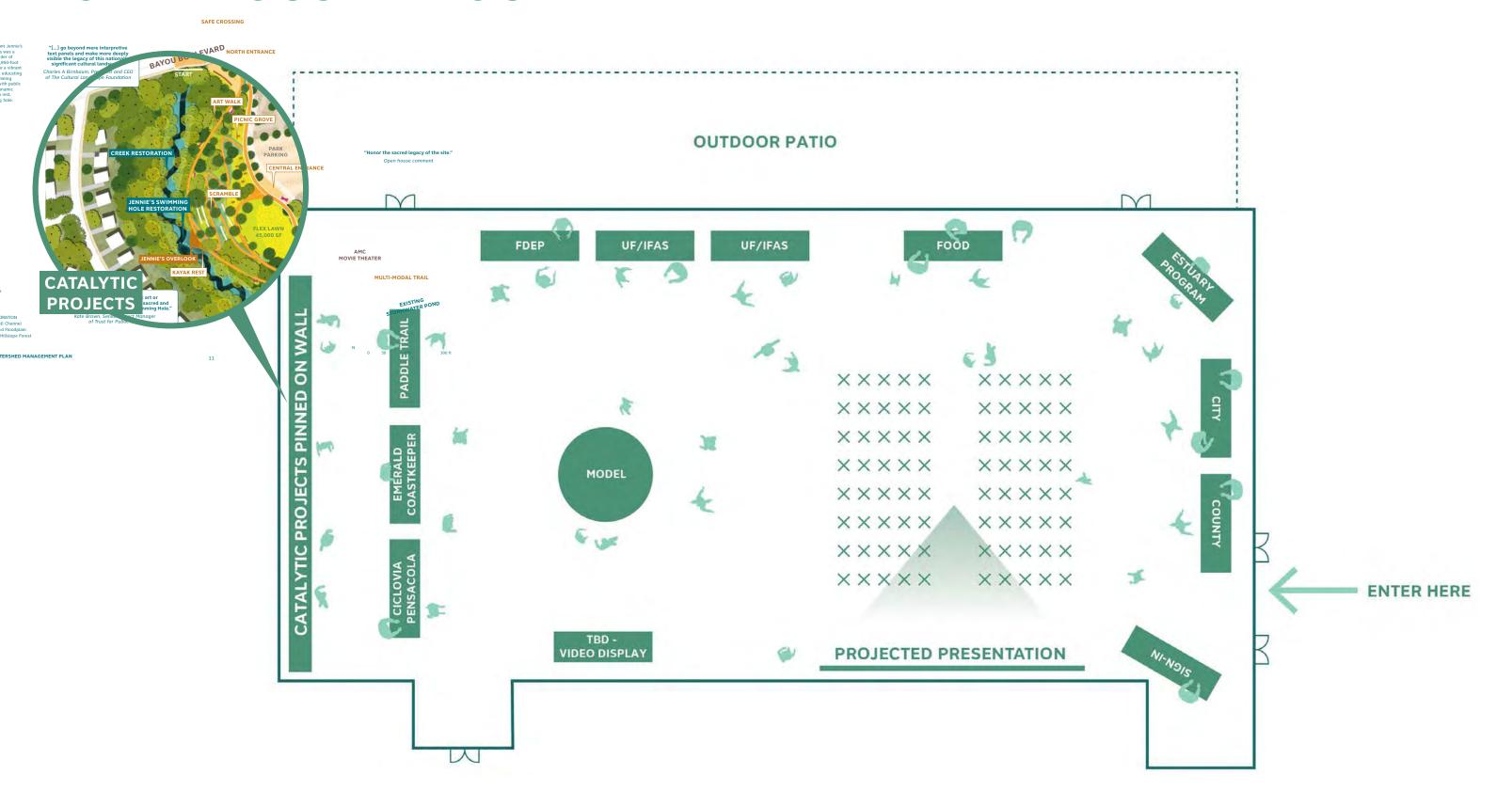


# RIPARIAN ZONES



## OPEN HOUSE

#### **OPEN HOUSE LAYOUT**













## **VOLUME 1E**

# ADDITIONAL COMMUNITY ENGAGEMENT PLATFORMS

WSP SCAPE IMPACT CAMPAIGNS WETLAND SCIENCES

# CARPENTER CREEK & BAYOU TEXAR WATERSHED MANAGEMENT PLAN

FOR ESCAMBIA COUNTY

# SUMMARY OF VIRTUAL ENGAGEMENT

**DECEMBER 2022** 

#### TABLE OF CONTENTS

VIRTUAL ENGAGEMENT OVERVIEW	3
VIRTUAL ENGAGEMENT STRATEGIES	4
PROJECT WEBSITE	4
IDEAS WALL	6
CREEK GEEK VIDEO SERIES	7
PUBLIC COMMENT MAP	8
SITE SURVEY MAP	10
STORY MAP	12
APPENDICES	14
APPENDIX A: IDEAS WALL FEEDBACK	14
APPENDIX B: PUBLIC COMMENT MAP FEEDBACK	24
APPENDIX C: SITE SURVEY MAP FEEDBACK	36

#### VIRTUAL ENGAGEMENT OVERVIEW

When work began on the Carpenter Creek & Bayou Texar Watershed Management Plan in 2019, the team envisioned an in-person community engagement strategy comprised of large public meetings and intimate stakeholder events. Following the onset of the COVID-19 pandemic in early 2020, however, virtual engagement strategies became a critical tool in ensuring that the WMP incorporated resident and stakeholder feedback.

In-person community workshops were held in February of 2020, May of 2022, and November of 2022. In addition to bridging the gap between the first and second public workshop, however, the team continued to employ virtual strategies throughout 2022 to diversify opportunities for resident and stakeholder engagement and enrich in person events. The following timeline summarizes the use of in-person and virtual engagement strategies throughout the WMP process:

- Public Meeting (Dec 2019)
- Site Walk (Feb 2020)
- Stakeholder Meeting (Feb 2020)
- Public Meeting (Sep 2020)
- Online Story Map + Idea Wall (Sep 2020)
- Creek Geek Videos (Jun + Oct 2021)
- Technical Advisory Group Outreach (Feb 2022)
- Online Site Surveys (Mar 2022)
- Public Meeting (May 2022)
- Virtual Stakeholder Workshop (Jun 2022)
- Public Meeting (Nov 2022)

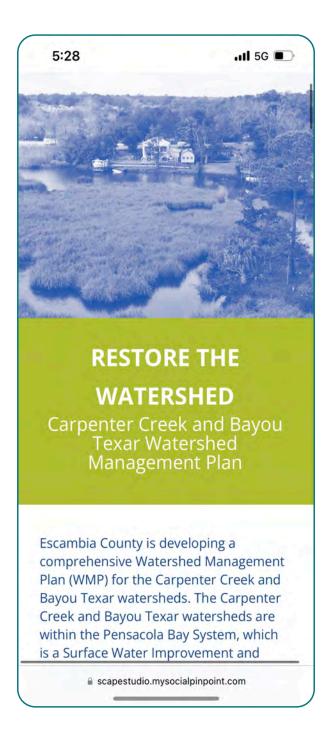
This report summarizes the virtual engagement strategies used throughout the Carpenter Creek & Bayou Texar WMP process: the project website, ideas wall, creek geek video series, public comment map, site survey map, and story map. Appendices A, B, and C provide a detailed record of the feedback that was received through these platforms and used to shape the final WMP.

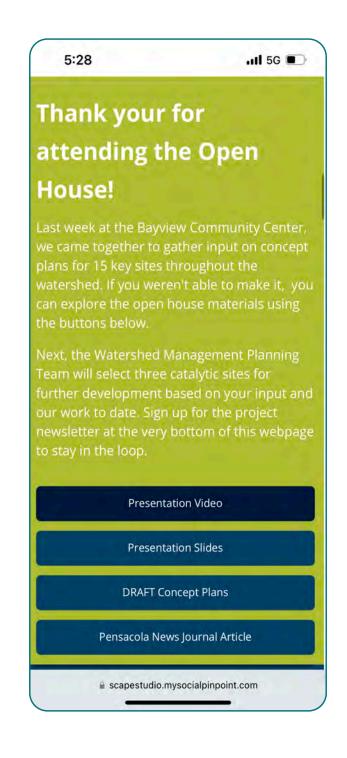














5:28 ....l 5G ....

# What Will The Plan Do?

The watershed plan will identify existing challenges and provide a roadmap to:

- Manage water quantity and improve water quality for a safer and healthier environment.
- Protect, enhance, and restore fish and wildlife habitat for a stronger ecosystem.
- Expand public access and recreational opportunities for learning and fun!
- Build more equitable and resilient communities in the face of a changing climate.
- Connect residents to their watershed and waterways for stewardship and conservation.

But this watershed plan only works if YOU help us build it.

Add your thoughts to the online and interactive Project Map and Ideas Wall linked above and Sign Up below to receive information about future engagement opportunities!

a scapestudio.mysocialpinpoint.com

## **PROJECT WEBSITE**

Using Social Pinpoint, SCAPE created a project website to engage residents and stakeholders online throughout the COVID-19 pandemic. The home page of the website provided background on the Carpenter Creek and Bayou Texar Watershed Management Plan (WMP), project updates, links to material from past public meetings, and connections to the other virtual engagement tools developed by the project team. Visitors were also able to sign up for the project mailing list on the site.









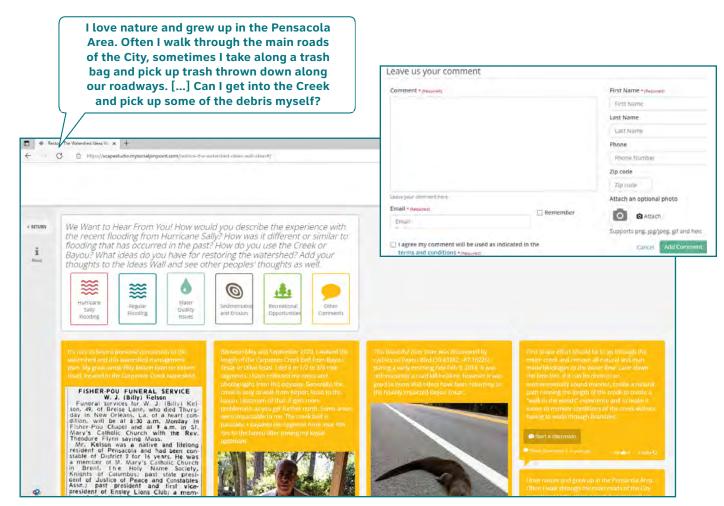
### **IDEAS WALL**

The Ideas Wall offered residents and stakeholders the opportunity to share open-ended questions, memories, and observations on the Carpenter Creek and Bayou Texar watershed through a more traditional forum interface.

Ideas Wall visitors were able to tag their comments as being primarily related to one of five categories (Hurricane Sally flooding, regular flooding, water quality issues, sedimentation and erosion, and recreational opportunities) or to post them in the neutral category of "other comments." Unlike comments to the Public Comment Map, visitors were not required to pinpoint a geographic location related to their comment.

Ideas Wall visitors were also able to upload images that illustrate their thinking, a feature that was used to share newspaper clippings, site photos, and personal photos. All visitors could see all earlier comments and start a discussion by replying to a previously posted comment.

Please see Appendix A to review feedback received through the ideas wall.



Screenshots of the "Ideas Wall," where residents and stakeholders shared open-ended questions, memories, and observations on the Carpenter Creek and Bayou Texar watershed

## **CREEK GEEK VIDEO SERIES**

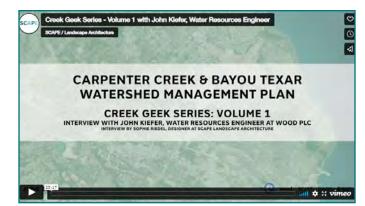
In order to provide a diversity of mediums for resident and stakeholder engagement with the contents of the Watershed Evaluation, SCAPE conducted interviews with select experts from the WMP team. The Creek Geek Series contextualizes the WMP by giving a conversational overview of the Watershed Evaluation. Both volumes were available on the project website and live on SCAPE's Vimeo account for reference.

#### **CREEK GEEK SERIES: VOLUME 1**

The first installment of the Creek Geek series featured an interview with WSP Water Resources Engineer John Kiefer. As a self-professed Creek Geek, Kiefer offered input on what a healthy creek system looks like. The interview also explores the impacts of major commercial and residential development along Carpenter Creek. Beyond reviewing the contents of the Watershed Evaluation, John Kiefer provides a high level explanation of some creek restoration principles that can be seen in the final WMP.

#### **CREEK GEEK SERIES: VOLUME 2**

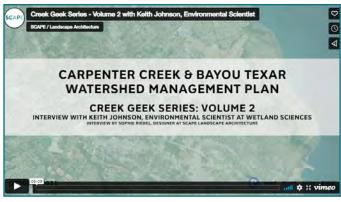
The second installment of the Creek Geek series featured an interview with Keith Johnson, an Environmental Scientist at Wetland Sciences. Johnson's segment focuses on habitat improvements along Bayou Texar for native species like the Monarch butterfly.



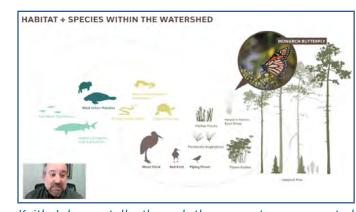
Creek Geek Series: Volume 1 featuring an interview with Water Resources Engineer John Kiefer. Watch the full video at https://vimeo.com/563690201



John Kiefer talks through the environmental challenges facing Carpenter Creek and Bayou Texar



Creek Geek Series: Volume 2 featuring an interview with Environmental Scientist Keith Johnson. Watch the full video at https://vimeo.com/639761182

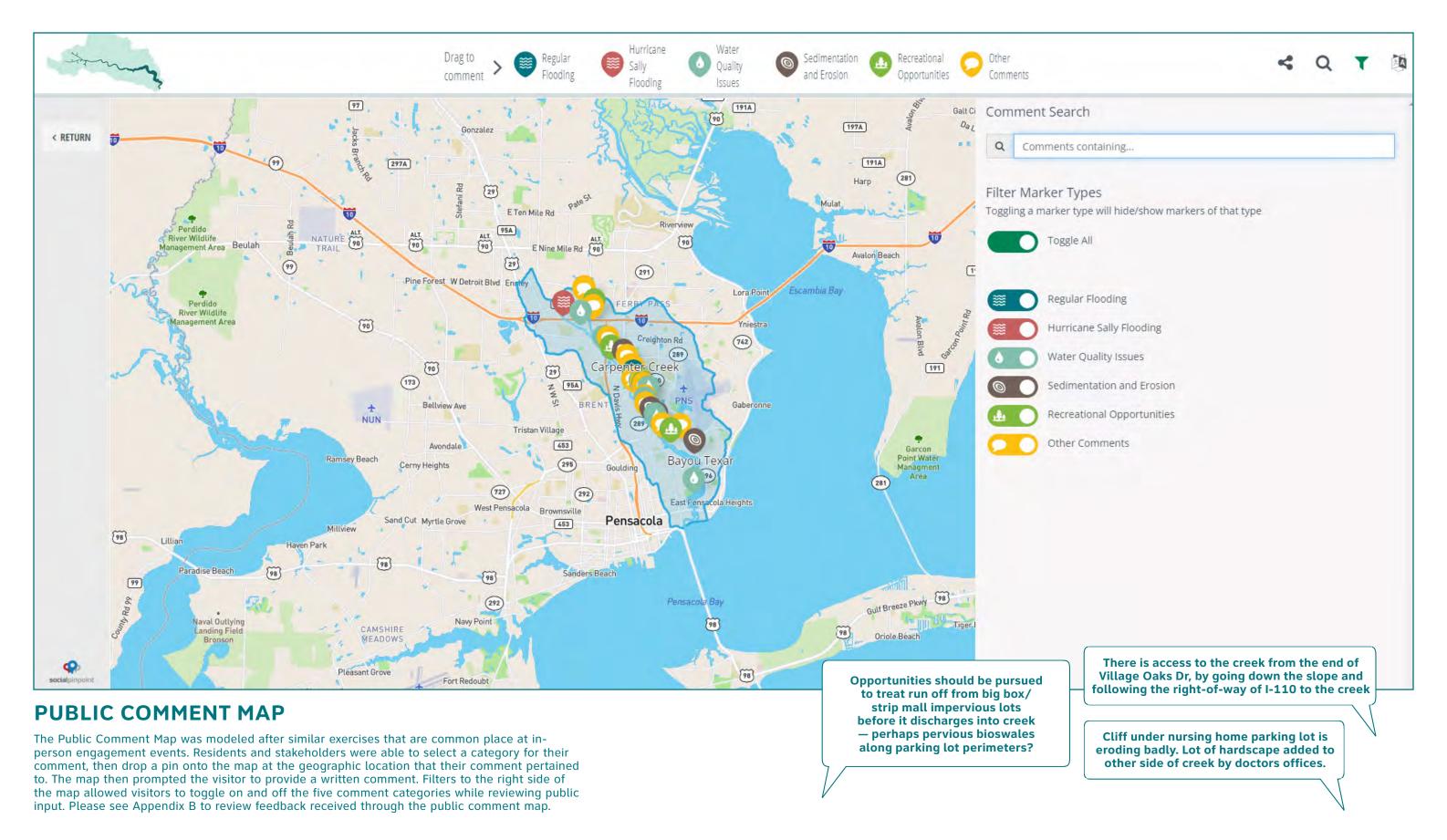


Keith Johnson talks through the ecosystems supported by the Carpenter Creek and Bayou Texar watersheds





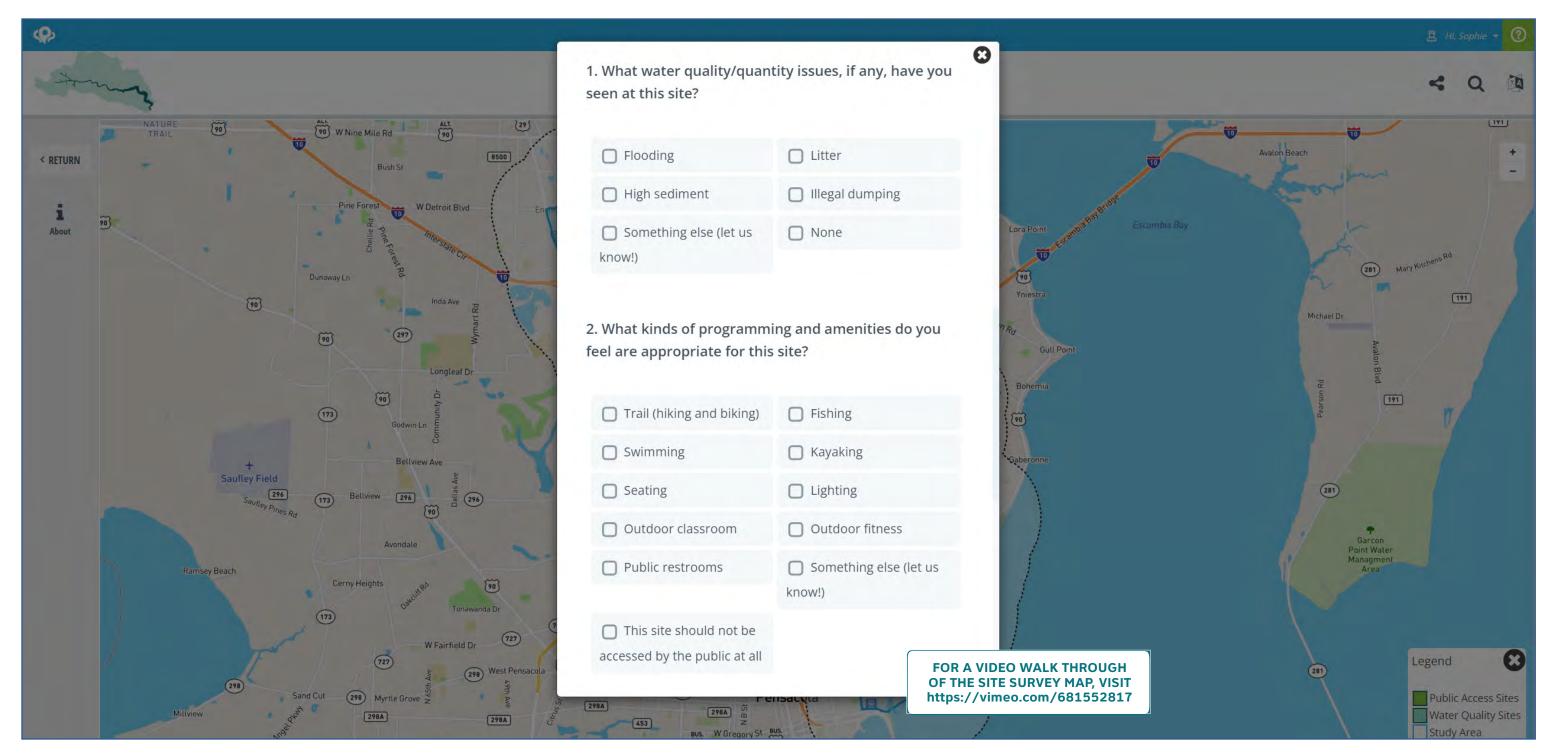












# **SITE SURVEY MAP**

On May 2, 2022, a public meeting was held in person at the Bayview Community Center to review and collect input on the 15 priority project sites developed up to that point. In conjunction with this first post-covid public meeting for the project, the team developed an interactive map and surveys for each site through the project website. The public was made aware of this opportunity through a newsletter and promotion at the May 2 event. Please see Appendix C to review feedback received through the site survey map.









## **STORY MAP**

A story map was created to guide project website visitors through the WMP recommendations virtually. The story map linked images of each site's concept plan to a map of the watershed, allowing users to click on any given site on the watershed map and review its corresponding recommendations. No feedback was associated with the story map. Rather, it provided residents and stakeholders with an easily accessible overview of the WMP's recommendations.







Date	Туре	Comment	Likes	Dislikes	Email	Zip	Name	Photo
10/12/2020	Other Comments	Is this the work of a beaver?	1	0	sophie@scapestudio.com		Sophie	
2/2/2021		Working with private and government property owners along Carpenter's Creek, we have got to end the vagrant encampments. The woods get trashed and replete with bodily function waste and it all ends up in the water. I have some ideas as to how to try to make that happen if anyone would care to discuss.	2	0	horganmjh@cox.net	32504	Mike Horgan	
2/3/2021	Other Comments	I love nature and grew up in the Pensacola Area. Often I walk through the main roads of the City sometimes I take along a trash bag and pick up trash thrown down on along our roadways. My last venture took me to Burgess Road Bridge and Olive Road. Can I get into the Creek and pick up some of the debre myself? Not worried about snakes and wildlife just wanting to help	1	0	kimbooe031967@gmail.com	32506	Kim Young	
2/5/2021		Access - I agree with the earlier post about citizen access to help with trash pickup. By developing access points and (open) trails for the public, less unlawful activity would be discouraged. My neighborhood lies along the creek but I have never seen it due to no public access.	0	0	bettzito@gmail.com			
2/5/2021		First major effort should be to go through the entire creek and remove all natural and man made blockages to the water flow. Later down the time line, if it can be done in an environmentally sound manner, create a natural path running the length of the creek to create a "walk in the woods" experience and to make it easier to monitor conditions of the creek without having to wade through brambles.	5	0	horganmjh@cox.net	32504	Mike Horgan	







2/5/2021	Other Comments	This beautiful river otter was discovered by cyclists on Bayou Blvd (30.43782, -87.18226) during a early morning ride Feb 9, 2018. It was unfortunately a road kill incident, however it was good to know that otters have been returning to the heavily impacted Bayou Texar.	1	0	jm11826@gmail.com	32503	Jay Massey	
2/5/2021	Other Comments	Between May and September 2020, I walked the length of the Carpenter Creek bed from Bayou Texar to Olive Road. I did it in 1/2 to 3/4 mile segments. I have collected my notes and photographs from this odyssey. Generally, the creek is easy to walk from Airport Road to the bayou. Upstream of that, it gets more problematic as you get further north. Some areas were impassable to me. The creek bed is passable. I kayaked the segment from near 9th Ave to the bayou after towing my kayak upstream.	2	0	hubris47@yahoo.com	32504	Thomas Riederer	
2/7/2021	Other Comments	It's nice to have a personal connection to the watershed and this watershed management plan. My great-uncle Billy Kelson lived on Kelson Road, located in the Carpenter Creek watershed.	1	0	jeanette.kelson@woodplc.com		Jeanette Kelson	FISHER-POU FUNERAL SERVICE  W. J. (Billy) Kelson  Funeral services for W. J. (Billy) Kelson, 49, of Breise Lane, who died Thuys day in New Orleans. La. or a nearl con- drilon, will be at 8:30 a.m., Monday in  Fisher-Pou Chapel and at 9 a.m. in 51.  Mary's Catholic Church with the Rev.  Theodure Flynn saying Mass.  Mr. Kelson was a native and lifetong resident of Pensacola and had been con- stable of District 2 for 16 vears. He was a member of St. Mary's Catholic Church in Breint. The Holy Name Society.  Knights of Colombus, bast state presi- cent of Justice of Peace and Constables Asan.; past president and first vice- gresident of Ensley Lions Club; a mem- ber of the West Pensacola. Lions Diub,  YMCA and she Anterican Legion.  During his Weither Program, Kelson had been a city police officer, a deputy sher- tilf and had been employed in the consta- ble's office as a cierk prior to being elected to line post. He was a Navy yet- eran of World War I!  Survivors Include the widow Mrs.  Vera Patane Kelson of Pensacola; four daughters, Mrs. Joann Huelsbeck, Mrs.  Carolyn Privatere and Miss Debble Kel-  son, all of Pensacola and Mrs. Mary  Harrnon of Cincinnali, Dhio; a son, W.  J Kelson, both of Pensacola; three sis- ters. Mrs. Cicil Malone. Mrs. Belty Dur- den and Mrs. Mildred Stoll, all of Pensa- cola; four brothers, Kennenh J. Per- shing, Lee and C. M. Kelson Jr., all  of Pensacola; and nine grandchildren.  The rosary will be recited at 7 p.m.
2/8/2021	Other Comments	Excellent! Did you run across many vagrant encampments? What are some of your major takeaways from your journey?	1	0	horganmjh@cox.net	32504	Mike Horgan	
4/2/2021	Other Comments	Poor guy Has anyone been documenting them in the creek or bayou? It would be good to know when and how often they are sighted	0	0	bibzaj@nwf.org			









4/2/2021	Other Comments	I think a chronicle of your journey would make for a great presentation at an upcoming meeting!	0	0	bibzaj@nwf.org		
10/12/2020	Recreational Opportunities	Can we bring back the diving team at Bayview Park?	1	0	sophie@scapestudio.com	Sophie	
10/12/2020	Recreational Opportunities	Could there be a bike path along the Creek with pocket parks along the way?	5	0	sophie@scapestudio.com	Sophie	
1/30/2021	Recreational Opportunities	Most of the land along the creek is privately owned. In many places it is washed out banks due to clear cutting and city storm water projects. No there cannot not be pocket parks or bike paths along the creek. The county purchased the headwaters on Olive Rd. There is an 8.5 acreas of undeveloped land that DEP is looking at to turn into a nature park.	3	1	sfmada@aol.com		
2/3/2021	Recreational Opportunities	That is where the Beaver Dam is? The culverts running under Olive Road seem rather small considering the amount of water that is behind it. Who cleans out those culverts?	0	0	kimbooee031967@gmail.com		
2/3/2021	Recreational Opportunities	Even though there are privately owned sections should the creek itself be owned by the community?	0	0	kimbooe031967@gmail.com 329	506 Kim Young	3
2/5/2021	Recreational Opportunities	This photo made my day!	0	0	bettzito@gmail.com		
10/12/2020	Water Quality Issues	Believe this is an outfall near Burgess Rd	0	0	sophie@scapestudio.com	Sophie	







12/22/2020	1	There used to be signs up all over the East Hill/Cordova Park/East Pensacola Heights areas that you were entering the Carpenter Creek watershed. I'm glad those signs are GONE, because we need NEW signs that say "Entering the Gulf of Mexico Watershed." People obviously do not realize that all bodies of water are connected. When they dump their motor oil, allow pesticides to run off their lawns, or let a leaking septic tank go untreated, ALL of that ends up in the gulf!!!	1	0	rrowan55@gmail.com	32503	Robin	
6/29/2021	Water Quality Issues	Agree with this idea. We need to upvote this one. As a resident on the Creek I know that some put chemicals in their yard. We need to know what amount is safe and how far away from the creek should people use things like Round up, if at all. We should put signs up and send out information to residents along Carpenter's Creek if we want more wild life to come back to the creek.	0	0	jhaag75@gmail.com			









Date	Topic	Site	Comment	Likes	Dislikes	Email	Name	Latitude	Longitude	Photo
10/19/2020	Recreational Opportunities	1	Wynadee St Property Recreational Access Potential (Information provided in Workshop #1)	0	0	sophie@scapestudio.com	Sophie	30.50457	-87.23591	
10/19/2020	Water Quality Issues	3	2/11/20 300k Sewage Discharge (Information provided in Workshop #1)	0	0	sophie@scapestudio.com	Sophie	30.49976	-87.2426	
10/19/2020	Water Quality Issues	5	WQ Exceedances typically observed at Davis (Information provided in Workshop #1)	0	0	sophie@scapestudio.com	Sophie	30.48942	-87.2315	
10/19/2020	Recreational Opportunities	8	Can we improve Water Quality (WQ) in ponds and add public access? (Information provided in Workshop #1)	0	0	sophie@scapestudio.com	Sophie	30.48569	-87.22801	
10/19/2020	Other Comments	16	Beaver Habitat Near Olive Rd (Information provided in Workshop #1)	1	0	sophie@scapestudio.com	Sophie	30.50982	-87.2408	
10/19/2020	Other Comments		historic swimming hole was location near here - known as Aunt Jenny's Swimming Hole (Information provided in Workshop #1)	1	0	sophie@scapestudio.com	Sophie	30.47802	-87.2183	
10/19/2020	Regular Flooding	10	Flooding occurred here in 2014 (Information provided in Workshop #1)	0	0	sophie@scapestudio.com	Sophie	30.47538	-87.21745	
10/19/2020	Water Quality Issues	10	Large parking lots add contaminated runoff to Creek (Information provided in Workshop #1)	0	0	sophie@scapestudio.com	Sophie	30.47132	-87.21411	
10/19/2020	Sedimentation and Erosion	11	Sediment collects hear near the bridge (Information provided in Workshop #1)	0	0	sophie@scapestudio.com	Sophie	30.46017	-87.20915	
10/19/2020	Recreational Opportunities	20	Paddle trail opportunity between Baars Park and Bayview Park! (Information provided in Workshop #1)	2	0	sophie@scapestudio.com	Sophie	30.45155	-87.19964	
1/11/2021	Other Comments	11	Be careful in this area, there's quicksand to be found.	0	0	panhandlewatershed@gmail.com	Barbara Albrecht	30.46235	-87.21154	
1/21/2021	Water Quality Issues	11	I'm not sure of the exact location, but while kayaking in this general area, the creek was blocked by a fallen tree which had collected a pileup of trash causing what looked like a small beaver dam made of garbage and debris	0	0	haydenbrown53.hb@gmail.com	Hayden Brown	30.46434	-87.21191	
1/28/2021	Other Comments	15	This area was once a wet lands with marshwith a small creek that ran from area just north of Gumwood Rd parallel to Bayou Blvd until it turned into the Bayou in the cove just south of Hwy 296 symbol. This area was heavily damaged in the 2014 April floods.	0	0	ewb@ewbullock.com	Ellis Bullock	30.45348	-87.19504	

NOTE: comments submitted on 10/19 reflect information provided to the project team at Workshop #1







1/29/2021	Water Quality Issues		Bayou Texar water quality has significant degraded since I moved here just seven years ago. The water in this bayou was more blue, clearer, had less water quality alerts, and less trash and pollution. At this rate, if nothing drastic is done to improve the environment in and around this waterway/watershed it will be completely polluted and likely toxic to the wildlife that depends on it.	0	0	mw1gapech@aol.com	М	30.43125	-87.18862	
1/29/2021	Other Comments	15	We kayaked up Bayou Texar, under the bridge and into Carpenter Creek, but you can't get very far after that because too many trees are down and blocking the waterway. Trash and tree debris is also creating huge log jams. There are some homeless encampments along here and although we were trying to pick up trash in heavy-duty trash bags, there were some "poop pails" left to rot or overflow or be knocked over into the water. It is gorgeous back in there with lots of islands and shade.	3	0	rrowan55@gmail.com	Robin Rowan	30.45371	-87.20364	
1/30/2021	Water Quality Issues	15	Sediment from the *fill and build* that was authorized by the city of Pensacola even though there was continual sediment running directly into the Bayou from day 1 and is still an issue. Nothing was done by the City who blamed the owner and builder. I feel the City is ultimately responsible as they are the ones giving the permits. This homes drainage issues should have been addressed PRIOR to the build and now the bayou at this end needs dredging even more and yet it's not being done.	0	0	lr.evers@yahoo.com	Lisa Ever	30.45796	-87.20712	
1/30/2021	Sedimentation and Erosion	15	Sediment is constantly being deposited and is closing off the water way through to carpenters creek. It used to be 4-6' and is not 2-3' on a good day. If left it will be even more expensive and possibly impossible to rescue this beautiful area of the bayou.	0	0	lr.evers@yahoo.com	Lisa Ever	30.45804	-87.20604	
1/30/2021	Water Quality Issues	15	The water here smells frequently. I receive a weekly water quality report and 90% of the time the water quality is the worst in Florida! Yet I see people swimming and fishing in these waters. This issue needs to be address asap for the safety of our people. There are no signs to tell people not to swim and/or fish or at least not to eat the fish! I believe dredging will remove the issue and needs to be done right away. It's not far enough up on the list.	2	0	lr.evers@yahoo.com	Lisa Ever	30.45671	-87.2063	







2/1/2021	Hurricane Sally Flooding	1	Winodee Rd & amp; Vickery Dr: Constant sheet flow across our property to creek during outer bands and through the eye of storm. Only several inches of actual standing water on our property.  We think the main stormwater ditch along Olive backed up and caused a larger shet flow than would typically happen. No one sustained flooding-related damage in our immediate vicinity but I'm not sure about the properties closer to creek's edge.	0	0	samanthab9321@gmail.com	Sam Bolduc	30.50359	-87.25067	
2/2/2021	Other Comments	10	Site of City Dump	0	1	sonnyordiane@att.net	Vaughn Urquhart	30.47266	-87.21754	
2/2/2021	Sedimentation and Erosion	15	Sedimentation at Tyler flume due to lack of dredging when it was owned by state- the flume is choked with sand and weed growth at the entrance to the bayou as a result	0	0	wmyarb@att.net	Wm Yarbrough	30.44725	-87.18822	
2/3/2021	Other Comments	10	Thank you for your comment! Could you please clarify? Do you mean there is unmanaged waste in this area? Or that it historically was a city dump?	0	0	lee@scapestudio.com	Lee	30.47266	-87.21754	
2/5/2021	Other Comments	16	This area looks like a pond on the map but, for humans, it is a muck hole with no bottom and not to be entered without considerable risk	0	0	hubris47@yahoo.com	Thomas Riederer	30.50982	-87.2408	
2/5/2021	Other Comments	16	This area looks like a pond on the map but, for humans, it is a muck hole with no bottom and not to be entered without considerable risk	0	0	hubris47@yahoo.com	Thomas Riederer	30.50982	-87.2408	
2/5/2021	Other Comments	11	The creek from 9th Avenue to 12th avenue is kayakable (i've done it) but needs a place to put in. I had to tow my kayak upstream, clearing obstacles along the way.	0	0	hubris47@yahoo.com	Thomas Riederer	30.46235	-87.21154	
2/5/2021	Recreational Opportunities	3	You can get into the creek from the large reservoir in this location, although the path is rocky. The reservoir can be accessed on foot or bike from the end of Hedge Rd.	0	0	hubris47@yahoo.com	Thomas Riederer	30.48569	-87.22801	
2/5/2021	Other Comments	10	The best access I found to the creek was from the end of Springhill Drive. This could be easily developed	1	0	hubris47@yahoo.com	Thomas Riederer	30.47717	-87.21692	
2/5/2021	Other Comments	16	This area looks like a pond on the map but is actually muck with no bottom. It is dangerous, as I found out the hard way. I looked pretty rough when I finally got out. I was not able to negotiate the creek within a couple hundred yards of I-10 without a machete and maybe a chain saw.	1	0	hubris47@yahoo.com	Thomas Riederer	30.50926	-87.2411	





2/5/2021	Other Comments	8	There is access to the creek from the end of Village Oaks Dr, by going down the slope and following the right-of-way of I-110 to the creek. There is a concrete basin with sluice gate inlets on the west side of I-110 (water level control?)	0	0	hubris47@yahoo.com	Thomas Riederer	30.4891	-87.2293	
2/5/2021	Other Comments	10	The creek bed upstream of this point is either rocks, stumps and logs, or muck and very difficult to negotiate. As it narrows, it becomes overgrown with bushes and smilax vines. Downstream, the wooded areas on either side offer possibilities for developing a trail. A friend of mine told me that, when he was in college at PJC in the 60's, they ran a path from the campus to Airport Road.	0	0	hubris47@yahoo.com	Thomas Riederer	30.48172	-87.22055	
2/5/2021	Other Comments	15	The creek for a few hundred yards upstream and downstream of I-10 was impassable to me coming at it from the north and south and would need heavy brushing if anyone were to want to use it.	0	0	hubris47@yahoo.com	Thomas Riederer	30.5021	-87.23672	
2/9/2021	Other Comments		Picture from approximate location. Lots of storm debris, a few downed trees, and trash along the bank (Hurricane Sally deposits from high water level).	0	0	ppipes@cityofpensacola.com	Paul Pipes	30.47042	-87.21242	
4/2/2021	Recreational Opportunities	11	There should be a public access point/dock near 9th Avenue for kayak/canoe/SUP launching and/or bird/wildlife watching.	1	0	drew@drewbuchanan.com	Drew Buchanan	30.47079	-87.21295	
4/2/2021	Water Quality Issues		Opportunities should be pursued to treat run off from bigbox/strip mall impervious lots before it discharges into creek — perhaps pervious bioswales along parking lot perimeters?	0	0	drew@drewbuchanan.com	Drew Buchanan	30.46875	-87.21002	
4/2/2021	Other Comments	10	This commercial property could be a great amenity overlooking the creek — the team should collaborate with property owner to showcase the location as a waterfront restaurant, similar to Nick's Boat house along Washerwoman's Creek in downtown Pensacola.	0	0	drew@drewbuchanan.com	Drew Buchanan	30.47134	-87.21362	
6/4/2021	Sedimentation and Erosion		Cliff under nursing home parking lot is eroding badly. Lot of hardscape added to other side of creek by doctors offices.	0	0	eluu20@cox.net	Lana Weathers	30.48397	-87.22219	
6/15/2021	Other Comments		Approximate location of Aunt Jenny's swimming hole - a bathing and gathering place as well as the site of baptisms for New Hope Baptist Church	0	0	angela@playbuild.org	Angela Kyle	30.47226	-87.21784	







6/15/2021	Other Comments		Access to Creek overlook via wooden walkway adjacent to NW FL Oral Surgery parking lot	0	0	angela@playbuild.org	Angela Kyle	30.46946	-87.21266
6/15/2021	Other Comments	11.1	Access to the Creek via an unmarked trail behind St Paul Lutheran Church	0	0	angela@playbuild.org	Angela Kyle	30.46513	-87.21189









	What water quality/quantity issues, if any, have you seen at this site?											
Site	Created on	Name	Email	Flooding	Litter	High sediment	Illegal Dumping	Other				
16	3/3/2022	Shawn Brown	sbgulfcoast@gmail.com		Х							
5	3/3/2022											
8	3/3/2022	Shawn Brown	sbgulfcoast@gmail.com		Х							
10	3/3/2022	Shawn Brown	sbgulfcoast@gmail.com		Х							
11	3/3/2022	Shawn Brown	sbgulfcoast@gmail.com		Х							
20	3/3/2022	Shawn Brown	sbgulfcoast@gmail.com									
11	3/21/2022	Anthony Romeo	Aromeo@aramsco.com	Х	Х	х	Х					
10	3/21/2022	Amanda			Х	Х	Х					
15	3/21/2022	Jayleen	Fitad1@yahoo.com	Х	Х		Х					
11	3/22/2022	Ralph Fenn	rfennjr@gmail.com	Х	Х	Х	Х	The Carpenters Creek that I knew as a child has been turned into a drainage ditch				
11	3/22/2022	David Landau	Dlandau2512@gmail.com		Х		Х					
5	3/23/2022	Daven Hartsock	savidavi08@gmail.com			х		The creek runs through my backyard and is nothing but swamp land because of all the vegetation.				
8	3/24/2022	David Donnelly	Davdonnelly@gmail.com									
11	3/28/2022	Jarah Jacquay	jarah.jacquay@gmail.com		Х	Х	Х					
20	3/28/2022				Х	Х						
10	4/1/2022	Angela Kyle	angela@playbuild.org					Shallow stream; some litter in the surrounding woods, but not necessarily in the water				
10	4/1/2022	Paul Jones	reelfun038@gmail.com		Х		Х					
13	4/1/2022	Cheryl Hobratschk	Bundtrockatx@gmail.com	Х	Х		Х					
13	4/1/2022	Mamie Hixon	mhixon@uwf.edu					none				
10	4/2/2022	jamin wells			Х							
10	4/2/2022				Χ		Х					
10	4/2/2022	Katrice	1katrice.johnson@gmail.com		Χ		Х					
	4/10/2022	Marie Mason	529 Royce Street Apt B	Х								
10	4/11/2022	Gwen Crosby	grevans@cox.net		Χ							







	4/12/2022	Donald Givehand	giveybaby@msn.com	Х	Х	Х	Х	Each building that goes up affects the creek because no matter what they say or do , heavy sediment goes into it amd it becomes more shallow creating more flooding issues.  The creek needs to be dredged!
16	4/19/2022	Bryan Chaffin	bryanchaffin@bryanchaffin.com		Х	Х		Low water volume. In the last few years the water height has gone down drastically. I'm not sure why but I've seen several dead beavers on olive road so that's a possibility.
10	4/23/2022	Mugdim	mugdim.basigovac@gmail.com	Х	Х	Х		
11	5/2/2022	Sarah	waltonss@gmail.com		Х			
20	5/2/2022				Х			
15	5/2/2022	Sarah	waltonss@gmail.com					none
15	5/4/2022	Melanie McConnell	melaniemcconnell@me.com		Х		Х	people parking, cutting bushes and trying to access the water and also coming into our backyard from this area. Loitering by kids/adults (drinking spot, etc.)
15	5/4/2022	Frank White	frankhwhite@yahoo.com		Х			
	6/23/2022	Donald Givehand	donaldgivehand@gmail.com	Х	Х	Х		Along Airport Ave from Davis Hiway all of the new buildings have pushed sediment into the creek. Made is shallow and it now floods residents on the opposite side.







	What kinds of programming and amenities do you feel are appropriate for this site?												
Site	Created on	Name	Email	Trail (hiking and biking)	Fishing	Swimming	Kayaking	Seating	Lighting	Outdoor classroom	Outdoor fitness	Public restrooms	Other
16	3/3/2022	Shawn Brown	sbgulfcoast@gmail.com	Х	Х		Х					Х	
5	3/3/2022		5	Х								İ	
8	3/3/2022	Shawn Brown	sbgulfcoast@gmail.com	Х					Х			Х	
10	3/3/2022	Shawn Brown	sbgulfcoast@gmail.com	Х	Х	Х	Х			Х		Х	
11	3/3/2022	Shawn Brown	sbgulfcoast@gmail.com	Х	Х		Х			Х	Х	Х	
20	3/3/2022	Shawn Brown	sbgulfcoast@gmail.com	Х			Х						
11	3/21/2022	Anthony Romeo	Aromeo@aramsco.com		Х	Х	Х	Х					
10	3/21/2022	Amanda		Х			Х	Χ			Χ		
15	3/21/2022	Jayleen	Fitad1@yahoo.com										
11	3/22/2022	Ralph Fenn	rfennjr@gmail.com	Х	Х	Х	Х						
11	3/22/2022	David Landau	Dlandau2512@gmail.com	Х	Χ	Х	Х	Х	Х	Х			
5	3/23/2022	Daven Hartsock	savidavi08@gmail.com										
8	3/24/2022	David Donnelly	Davdonnelly@gmail.com	Х	Х	Х	Х	Х	Х	Х	Х	Х	
11	3/28/2022	Jarah Jacquay	jarah.jacquay@gmail.com	Х	Х	Х	Х	Х					
20	3/28/2022			Х	Χ	Х	Χ	Χ					
10	4/1/2022	Angela Kyle	angela@playbuild.org	Х				Χ	Х	X			
10	4/1/2022	Paul Jones	reelfun038@gmail.com	Х									
13	4/1/2022	Cheryl Hobratschk	Bundtrockatx@gmail.com	Х	Х	Х	Х			Х	Х		
13	4/1/2022	Mamie Hixon	mhixon@uwf.edu	Х					Х		Χ		
10	4/2/2022	jamin wells		Х			Χ	Х		Х	Χ		
10	4/2/2022			Х									Walking path, benches, markers for Black History (Aunt Ginny's swimming hole)
10	4/2/2022	Katrice	1katrice.johnson@gmail.com	Х				Χ					
	4/10/2022	Marie Mason	529 Royce Street Apt B	Х		Х							
10	4/11/2022	Gwen Crosby	grevans@cox.net	Х		Х			Х	Х		Х	Public access so that people can enjoy these activities
	4/12/2022	Donald Givehand	giveybaby@msn.com	Х	Х	Х	Х	Х	Х		Х		
16	4/19/2022	Bryan Chaffin	bryanchaffin@bryanchaffin.com	1									none
10	4/23/2022	Mugdim	mugdim.basigovac@gmail.com	Χ			Х	Х	Х	Х			
11	5/2/2022	Sarah	waltonss@gmail.com										none
20	5/2/2022						Х						
15	5/2/2022	Sarah	waltonss@gmail.com										





15	5/4/2022	Melanie McConnell	melaniemcconnell@me.com							
15	5/4/2022	Frank White	frankhwhite@yahoo.com							
	6/23/2022	Donald Givehand	donaldgivehand@gmail.com	Х	X	Х	Х	Х		







Site	Created on	Name	Email	Do you know any historic or cultural components of this site, and if so, how would you like to see them represented? Or, are there historic or cultural sites that we should leave undisturbed?	Consider the other potential project sites.  Should this site be advanced for further planning and potentially host early action projects for the Watershed Plan?	Is there any other information we've missed that you would like to share with us about this site?
16		Shawn Brown	sbgulfcoast@gmail.com		Yes	
5	3/3/2022					
8	3/3/2022	Shawn Brown	sbgulfcoast@gmail.com			
10	3/3/2022	Shawn Brown	sbgulfcoast@gmail.com		Yes	
11	3/3/2022	Shawn Brown	sbgulfcoast@gmail.com		Yes	Beautiful place to kayak. A group of us kayaked from 9th to the bayou. Here's some photos https://platform.crowdriff.com/m/s-DGEHndOyOEQUBIDz
20	3/3/2022	Shawn Brown	sbgulfcoast@gmail.com		Yes	
11	3/71/71177	Anthony Romeo	Aromeo@aramsco.com		Yes	
10	3/21/2022					If i have selected the right parcel, this is the one that runs behind the carpenters creek retirement community. I think it should be pretty for them to look at. Maybe some walking paths if possible.
15	3/21/2022	Jayleen	Fitad1@yahoo.com		Yes	
11	3/22/2022	Ralph Fenn	rfennjr@gmail.com		Yes	This area used be be a beautiful clear stream where we swam and fished
11	3/22/2022	David Landau	Dlandau2512@gmail.com	Nonr	Yes	
5	3//3//11//	Daven Hartsock	savidavi08@gmail.com	This site should not be accessed by the public at all	No	I know most of us here on Shiloh Dr would love to see the creek restored to its former glory.
8	3/24/2022	David Donnelly	Davdonnelly@gmail.com			
11	3/28/2022	Jarah Jacquay	jarah.jacquay@gmail.com		Yes	
20	3/28/2022				Yes	
10	4/1/2022	Angela Kyle	angela@playbuild.org			
10	4/1/2022	Paul Jones	reelfun038@gmail.com		Yes	
13		Cheryl Hobratschk	Bundtrockatx@gmail.com	Historic site for Aunt Jennys swimming hole	Yes	Vital to Pensacola tourism and history and ecological site
13	4/1/2022	Mamie Hixon	mhixon@uwf.edu	African-American historic and cultural sites that should be left undisturbed	Yes	
10	4/2/2022	jamin wells		historic african american community lived by and used this stretch of creek. Signage, etc. would mark this important historic community space	Yes	





10	4/2/2022			Ginny's swimming hole location near intersection of Brent lane and SpringHill drive. Black church baptisms.	Yes	Public art and a nature playground for the kids in the community
10	4/2/2022	Katrice	1katrice.johnson@gmail.com	Yes, this is a historical place for black people and black churches.	Yes	
	4/10/2022	Marie Mason	529 Royce Street Apt B		Yes	
10	4/11/2022	Gwen Crosby	grevans@cox.net	Historic marker with names commemorating African American history- Sister Hudgins and Sister Dawson. Commemorate New Hope members to hope baptisms in the Creek.	Yes	I am an East Hill resident and this site is an important African-American landmark in Pensacola
	4/12/2022	Donald Givehand	giveybaby@msn.com	None		The city is charging home owners additional taxes claiming run off sediment. Many of the homes along the creek have been here for more than 60 years. I have lived along the creek since '88.
16	4/19/2022	Bryan Chaffin	bryanchaffin@bryanchaffin.co m		Yes	
10	4/23/2022	Mugdim	mugdim.basigovac@gmail.com		Yes	The site is home to river otters, birds, raccoons and turtles
11	5/2/2022	Sarah	waltonss@gmail.com	I have kayaked from bayou texar to this site on many occasions. I go as afar as I can then turn around. There is a lot of litter.	No	
20	5/2/2022					
15	5/2/2022	Sarah	waltonss@gmail.com	This used to be a boat ramp. It would be a nice public access point for kayaks and paddle boards.	Yes	
15	5/4/2022	Melanie McConnell	melaniemcconnell@me.com		No	Hi, we recently purchased the house at the end of Hyde Park and Banquos Trail. I have many concerns about the public access for the Hyde park site. Can I speak with you all about this 850-393-1301. TY
15	5/4/2022	Frank White	frankhwhite@yahoo.com	No knowledge of anything historic or cultural		My home at 4 Hyde Park Rd is next to this site. The seagrass is in poor condition. We'll look at work on our property to complement your runoff improvements. Call anytime 850-748-9025. Thank you!
	6/23/2022	Donald Givehand	donaldgivehand@gmail.com		Yes	I live along it and I love it.





