
Business Resources Committee
2nd Quarter Meeting
June 26th, 2018
International Trade Center
Mobile Bay National Estuary Program

Meeting Agenda

Welcome and Introductions:
- Co-chairs: Jenifer Denson & Darrelyn Dunmore

Litter Gitter Update & ETAP Report:
- Don Bates & Scott Jackson w/Thompson Engineering

3MC Partnership Overview and Opportunities:
- Mike Rogers w/ Rogers and Willard, Inc.

Update and Prioritize Watershed Management Planning:
- Christian Miller w/ Mobile Bay NEP

Closing comments, discussion, and moving forward……

Litter Gitter Update and ETAP Report

One Mile Creek in the 3 Mile Creek Watershed

Osprey Initiative in action!

Funding to Support Small Stream Litter Collection

PEP/MBNEP Pilot- 90 day pilot program

EPA Region 4 Trash Free Waters Grant

- $25,000- Construction, Installation, & Maintenance
- 4 Litter Gitters- Mobile & Baldwin Co.
- One Year

Gulf of Mexico Program Grant

- $488,711 – Feb. 2018 thru Jan. 2020
- Deploy 10 Litter Gitters in TMC/Remove legacy trash
- Implement Volunteer Monitoring Program - SWAMP
- Implement Plan targeting 5 businesses in the watershed to encourage alternative packaging-ETAP results.

Osprey/Litter Gitter Totals through 6/5/18

Location	Status	Totals					
		Amount Recycled		Amount Dispose		Amount Total	
		lbs	cf	lbs	cf	lbs	cf
Gulf Of Mexico							
3MC-MapleStreet	Deployed 11/18/16	118.41	110.28	266.71	134.08	385.12	244.36
3MC-ToulminSprings@MLK	Deployed 4/27/18	22.26	27.00	94.49	66.00	116.75	93.00
3MC-3MC@MobileSt	Deployed 4/28/18	4.86	6.30	20.87	21.00	25.73	27.30
3MC-1MC@Lawrence	Deployed 4/27/18	5.76	5.00	19.97	13.85	25.73	18.85
3MC-3MC@Infirmary	Deployed 6/7/18					0.00	0.00
3MC-3MC@LanganPark	Deployed 6/7/18					0.00	0.00
3MC-12MC@LanganPark	Deployed 6/7/18					0.00	0.00
3MC-3MC@USA	Need Approval					0.00	0.00
3MC-3MC@Langan-Museum	To be deployed 6/29/18					0.00	0.00
3MC-3MC@Orangeburg	To be deployed 6/29/18					0.00	0.00
Trash Free Waters						0.00	0.00
BS-Bon Secour@CedarSt	Deployed 4/8/18	13.41	15.50	53.38	28.74	66.79	44.24
DR-BoltonBranch@NavcoRd	To be deployed 6/29/18					0.00	0.00
						0.00	0.00
MBNEP/PEP Pilot						0.00	0.00
DR-Eslava@Sage	Deployed 4/28/18	3.75	3.70	16.04	13.50	19.79	17.20
DR-WoodcockBranch@Airport	Deployed 4/27/18 Removed 6/1/18	3.21	4.20	8.96	8.00	12.17	12.20
DR-Eslava@Emogene	Need Approval					0.00	0.00
DR-Eslava@Dauphin	Need Approval					0.00	0.00
TOTALS		171.66	171.98	480.42	285.17	652.08	457.15

3MC PARTNERSHIP
THREE MILE CREEK

3milecreek.org

3MC Partnership

3MC Partnership is a coalition of volunteers working to bring people together around the vision of creating a transformational corridor of renewal in the Three Mile Creek watershed in Mobile, AL.
3MC Partnership works with the City of Mobile and private sector stakeholders to support the development of the Mobile Greenway Trail and amenities, neighborhood renewal and development in the Three Mile Creek corridor, and the creation of a more usable waterway through the environmental restoration of Three Mile Creek. READ MORE>>

EVENTS

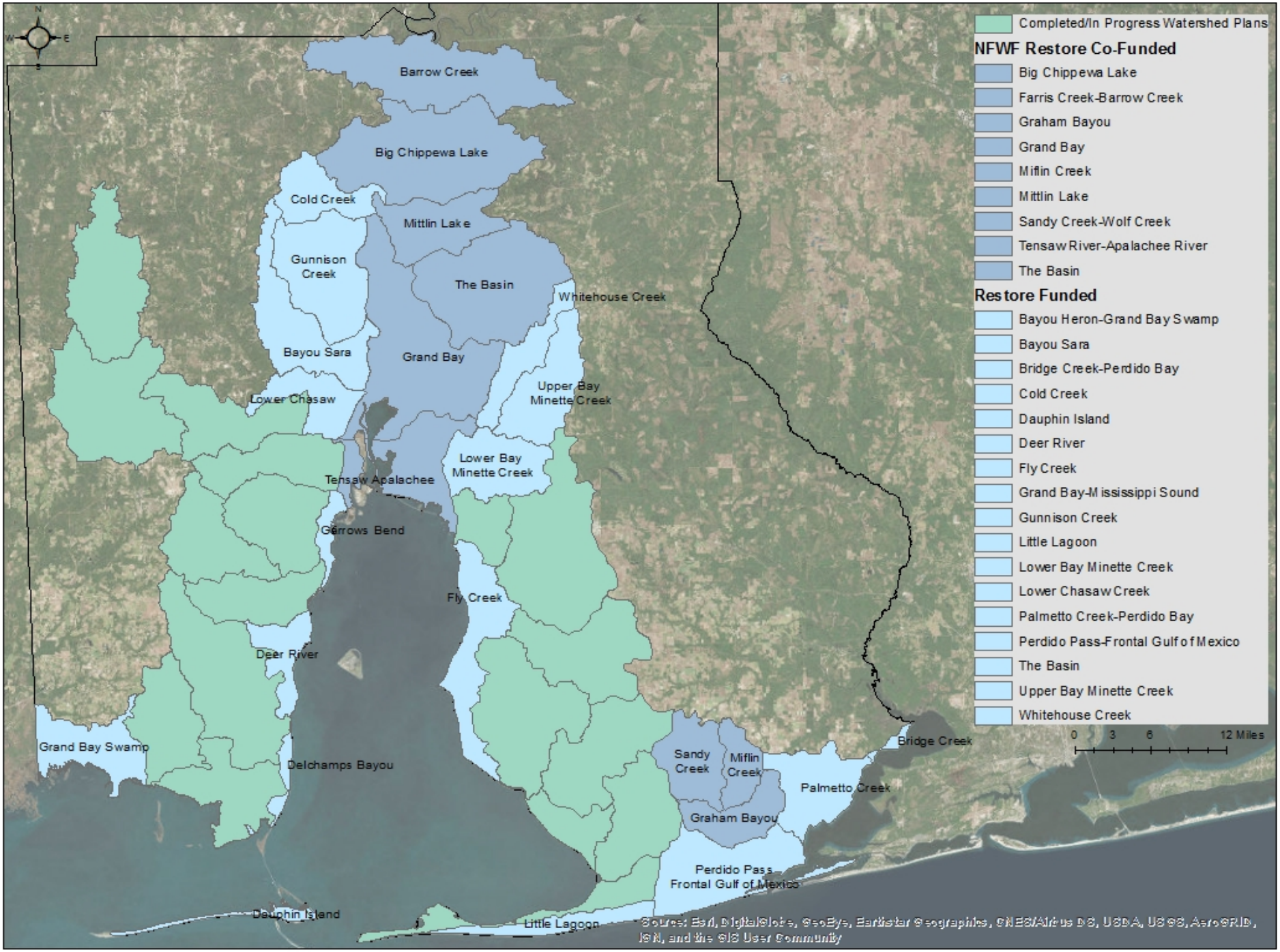
Upcoming events include our official launch with the City of Mobile on May 7, CreekFest on May 12 and Monday evening walking tours.

EXPLORE

Explore the vision for a 10-mile greenway and blueway that includes and walking and biking path that stretches from Langan Park to Downtown Mobile along historic Three Mile Creek.

SUPPORT

To realize the vision for the Three Mile Creek corridor, public and private sector partners must come together to provide the financial and volunteer resources needed to make the project a reality.


Completed/In Progress Watershed Plans
NFWF Restore Co-Funded
Big Chippewa Lake
Farris Creek-Barrow Creek
Graham Bayou
Grand Bay
Miflin Creek
Mittlin Lake
Sandy Creek-Wolf Creek
Tensaw River-Apalachee River
The Basin
Restore Funded
Bayou Heron-Grand Bay Swamp
Bayou Sara
Bridge Creek-Perdido Bay
Cold Creek
Dauphin Island
Deer River
Fly Creek
Grand Bay-Mississippi Sound
Gunnison Creek
Little Lagoon
Lower Bay Minette Creek
Lower Chasaw Creek
Palmetto Creek-Perdido Bay
Perdido Pass-Frontal Gulf of Mexico
The Basin
Upper Bay Minette Creek
Whitehouse Creek
0 3 6 12 Miles
Barrow Creek
Big Chippewa Lake
Cold Creek
Mittlin Lake
Gunnison Creek
The Basin
Whitehouse Creek
Bayou Sara
Grand Bay
Upper Bay Minette Creek
Lower Chasaw
Lower Bay Minette Creek
Tensaw Apalachee
Garrows Bend
Fly Creek
Deer River
Grand Bay Swamp
Delchamps Bayou
Sandy Creek
Miflin Creek
Bridge Creek
Palmetto Creek
Graham Bayou
Perdido Pass Frontal Gulf of Mexico
Dauphin Island
Little Lagoon
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

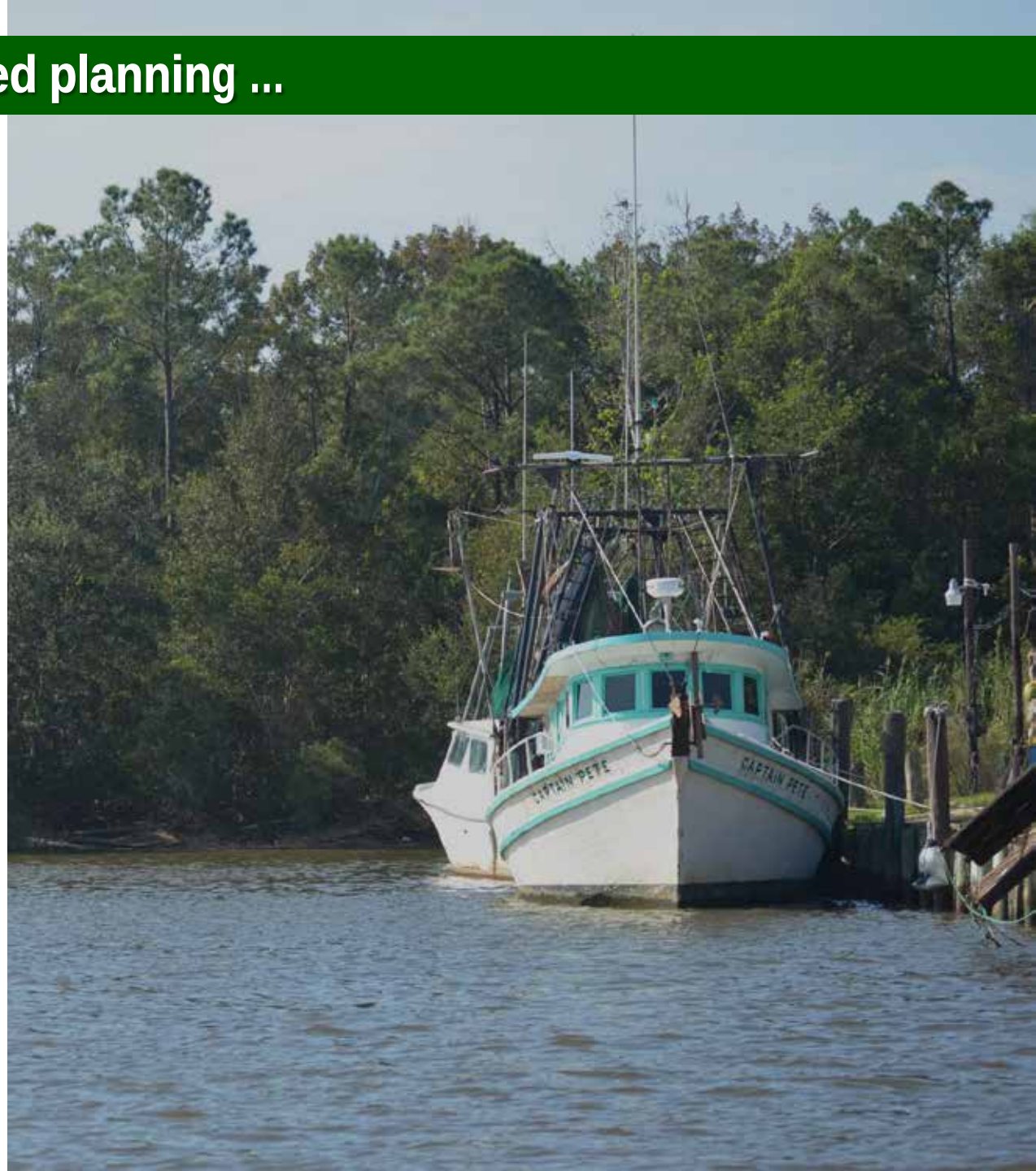
Evaluation Criteria

1. Priority Restoration Watershed
2. Priority Conservation Watershed
3. Priority Freshwater Wetlands
4. Priority Intertidal Marshes and Flats
5. Priority for Acquisition
6. Protected Lands
7. Outstanding Alabama Water
8. Impaired Waters
9. TMDL presence
10. Point Source Discharges (NPDES)
11. Toxic Release Inventory Sites
12. % Urbanization
13. ADEM Water Quality Survey
14. Watershed Management Plan Old
15. Sediment Study complete
16. Watershed Management Plan – Current
17. ADEM Long-term Monitoring Stations

	#1		#2		#3			
#Respondents	**1**	**2**	**3**	**4**	**5**	**Total**	**Wt.Score**	**Watershed PH**
Fish River	***1***	***0***	***3***	***21***	***31***	***56***	***4.4***	***Restoration***
Tensaw Apalachee	1	4	3	17	32	57	4.3	Restoration
Big Creek	***1***	***3***	***8***	***12***	***31***	***55***	***4.3***	***Restoration/Conservation***
Bon Secour	0	1	7	26	22	56	4.2	Restoration
Fowl River	1	4	7	15	30	57	4.2	Restoration
West Fowl River	0	5	8	18	26	57	4.1	Intertidal Priority
Dog River	3	4	10	15	26	58	4.0	Urban
Deer River	1	4	11	21	18	55	3.9	Restoration
Grand Bay Swamp	0	4	8	22	11	45	3.9	Conservation
Graham Bayou	3	7	17	15	13	55	3.5	Conservation
Bayou La Batre River	1	7	22	19	8	57	3.5	Restoration
Oyster Bay	1	6	26	15	9	57	3.4	Restoration
Hammock Creek	3	9	18	11	14	55	3.4	Intertidal Priority
Dauphin Island	6	6	18	10	15	55	3.4	Intertidal Priority
Little Lagoon	4	11	14	12	12	53	3.3	Intertidal Priority
Upper Blackwater	2	8	23	18	5	56	3.3	Conservation
Rains Creek	4	12	19	14	7	56	3.1	Conservation
Halls Creek	9	9	19	11	9	57	3.0	Conservation
Skunk Bayou	6	16	16	13	7	58	3.0	Conservation
Negro Creek	4	17	26	5	2	54	2.7	Conservation
Cedar Creek	9	19	18	9	1	56	2.5	Conservation

Goals of the watershed planning ...

- Improve water quality
- Improve habitats
- Protect continued uses of natural resources
- Improve watershed resilience
- Expand opportunities for community access
- Institutionalize Cooperation



What is in a Watershed Plan?

- **Partners**- key stakeholders, community input and concerns, ownership
- **Characterization of the Watershed**- history, uses, impairments, data gaps, SLR and storm surge scenarios, restoration/conservation, access opportunities
- **Goals and Identification of Solutions** management measures to achieve goals, funding alternatives
- **Implementation Program-** Initial actions, interim milestones, monitoring plan, education program

Why? ADEM funding

(originally…now BP priorities)

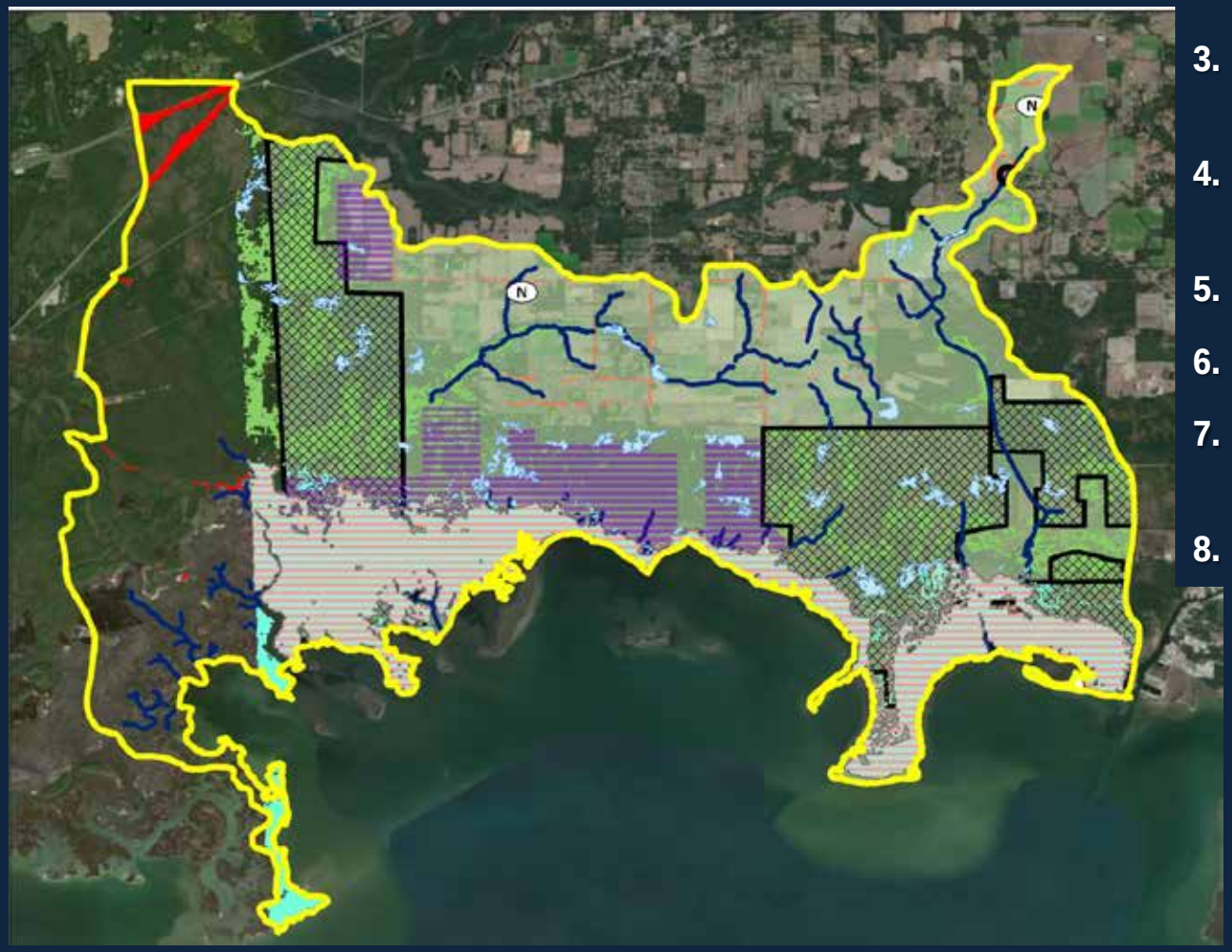
How plans support coastal restoration

- Community *education and engagement*
- Identification of *restoration and protection* opportunities
- Recommendations prioritized on *"biggest bang for the buck"*
- Tool for local governments to *secure resources*
- Funder *Justification* for projects
- National Flood Insurance Program *discounts through the Community Rating System*

CCMP STRATEGY RECAP

1. Community values
2. Streams, rivers and riparian buffers; freshwater wetlands; and intertidal marshes and flats
3. Watershed plan development
4. Improve regulations
5. Create partnerships and combine resources to undertake restoration projects
6. Engage citizens in monitoring, clean ups, other stewardship building activities

Grand Bay Swamp

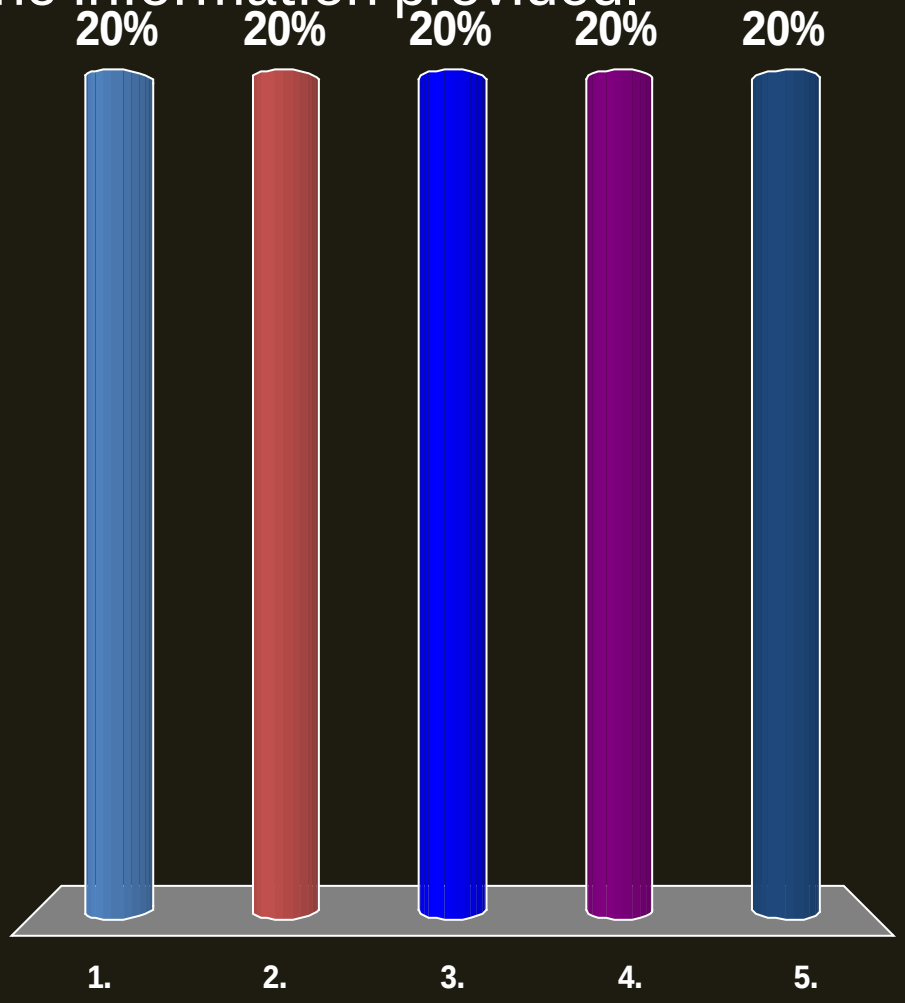


1. Priority Wetlands
2. ADEM Long-term Monitoring Stations
3. Point Source Discharges (NPDES)
4. Priority Intertidal Marsh and Flats
5. Acquisition Property
6. Protected Lands
7. Priority Conservation Watershed
8. % Urbanization- 1.3

Grand Bay Swamp

Please rate the priority of this watershed on a scale of 1 (lowest) to 5 (highest) based on the information provided.

1. Lowest
2. Somewhat low
3. Neutral
4. Somewhat high
5. Highest



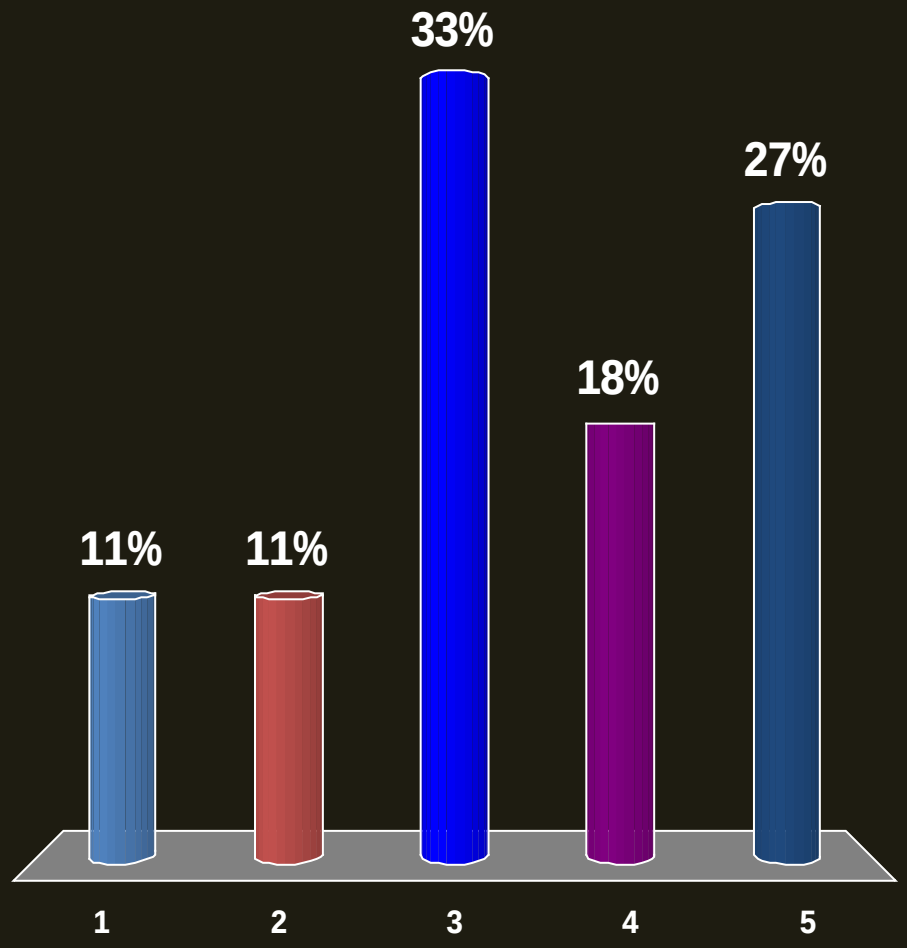
Dauphin Island

1. ADEM Long-term Monitoring Stations
2. Point Source Discharges (NPDES)
3. Priority Intertidal Marsh and Flats
4. Protected Lands
5. % Urbanization- 28

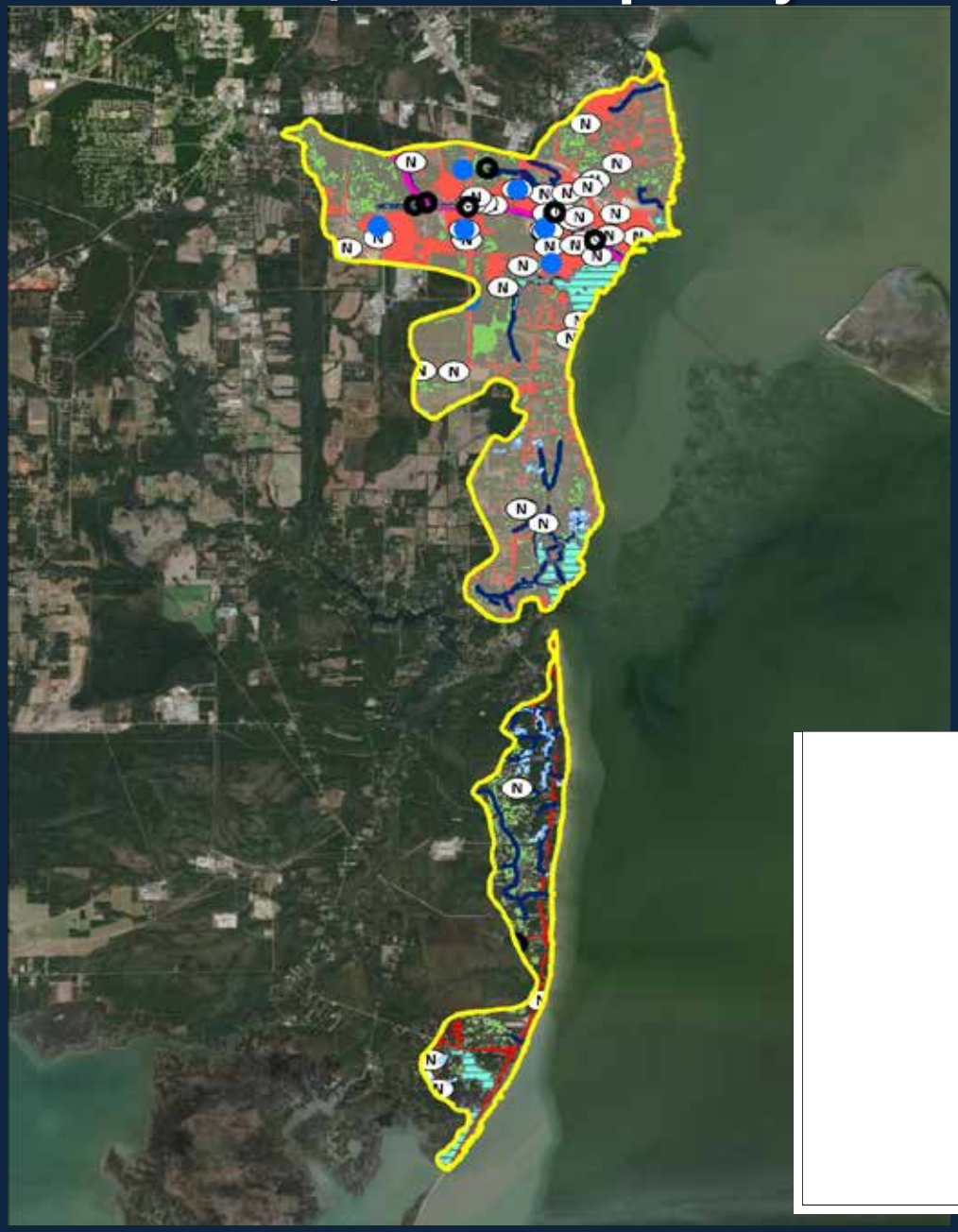
Dauphin Island

Please rate the priority of this watershed on a scale of 1 (lowest) to 5 (highest) based on the information provided.

1. Lowest
2. Somewhat low
3. Neutral
4. Somewhat high
5. Highest



Deer River, Delchamps Bayou

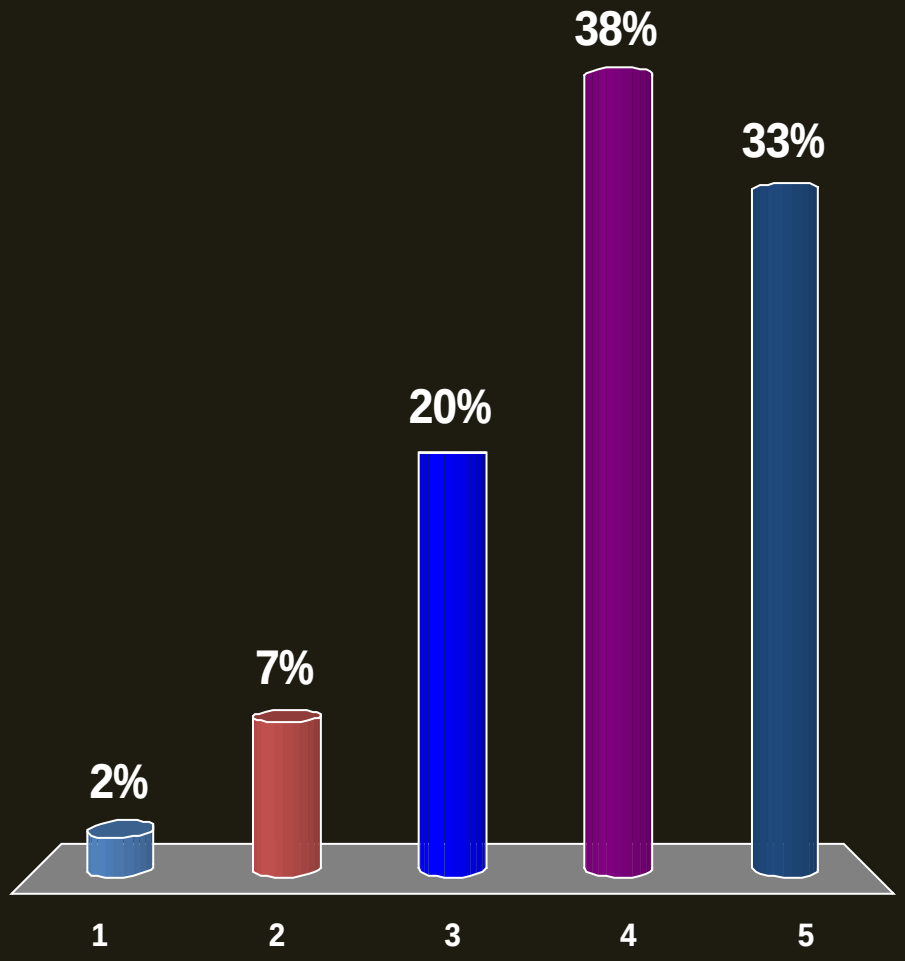


1. Priority Wetlands
2. ADEM Monitoring Stations
3. Toxic Release Inventory
4. Point Source Discharges (NPDES)
5. Priority Intertidal Marsh and Flats
6. Impaired Waters
   - OE/DO
7. Prioritized Restoration Watershed (Deer River)
8. % Urbanization- 17.3

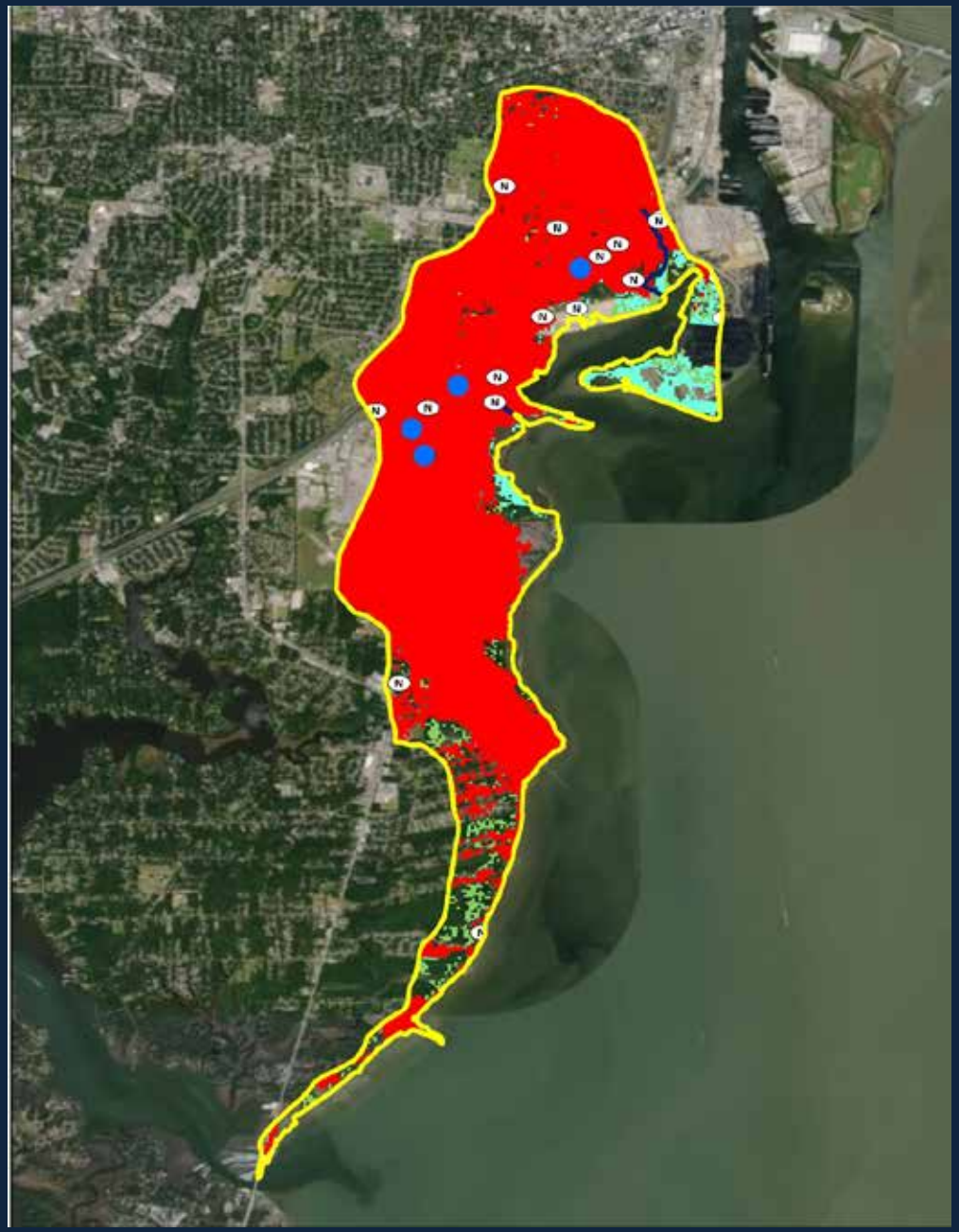
Deer River, Delchamps Bayou

Please rate the priority of this watershed on a scale of 1 (lowest) to 5 (highest) based on the information provided.

1. Lowest
2. Somewhat low
3. Neutral
4. Somewhat high
5. Highest



Garrows Bend

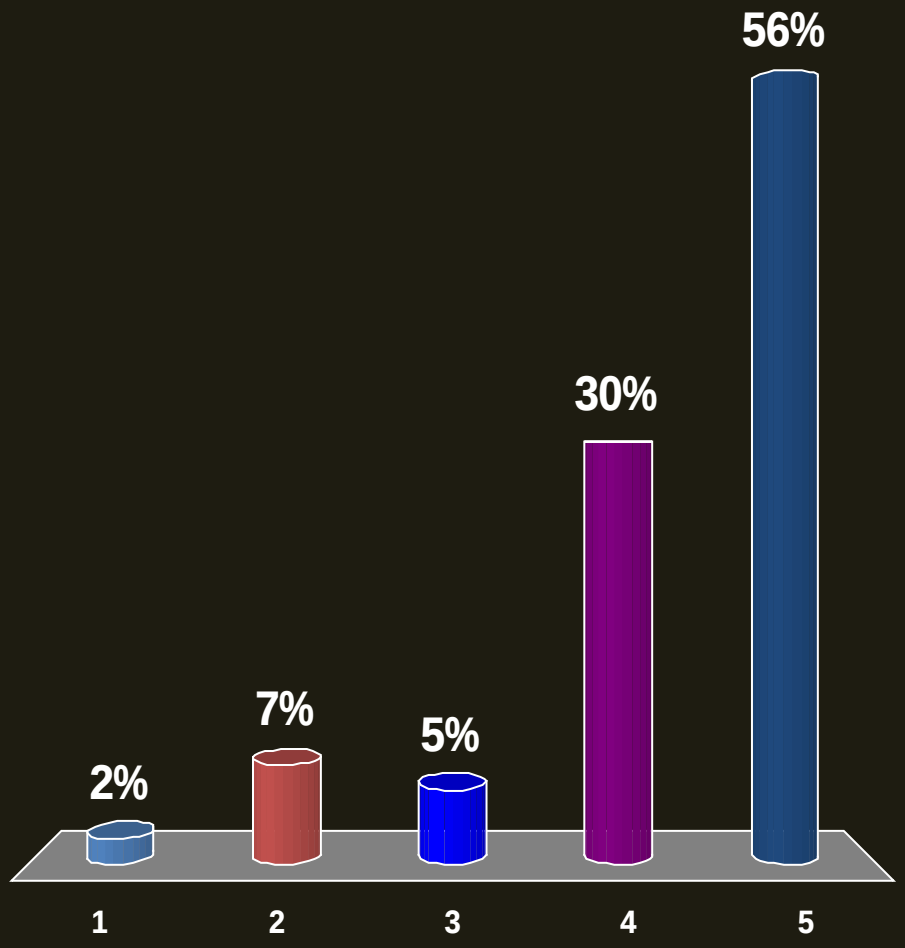


1. Toxic Release Inventory
2. Point Source Discharges (NPDES)
3. Intertidal Marsh and Flats
4. % Urbanization- 76.4

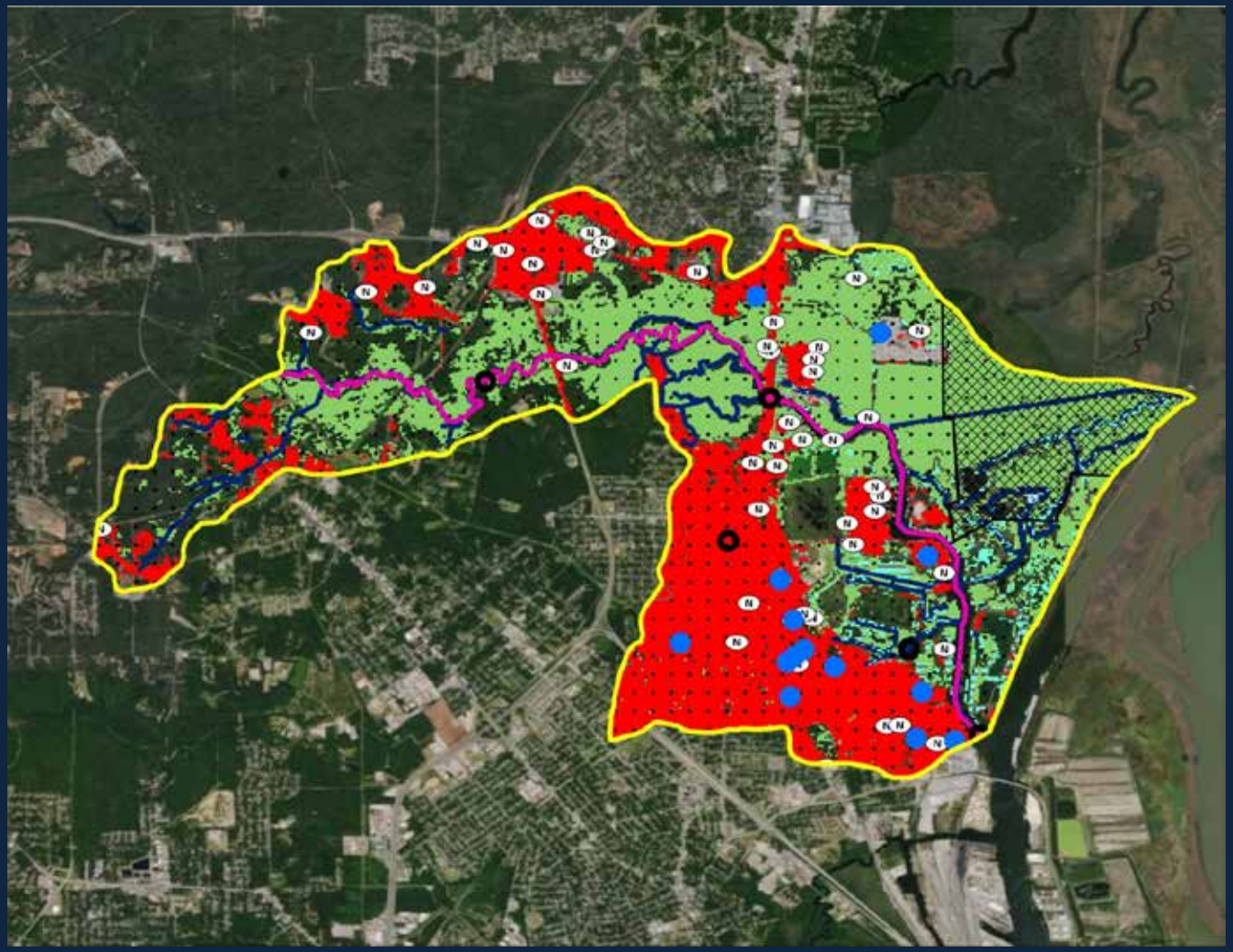
Garrows Bend

Please rate the priority of this watershed on a scale of 1 (lowest) to 5 (highest) based on the information provided.

1. Lowest
2. Somewhat low
3. Neutral
4. Somewhat high
5. Highest



Lower Chasaw

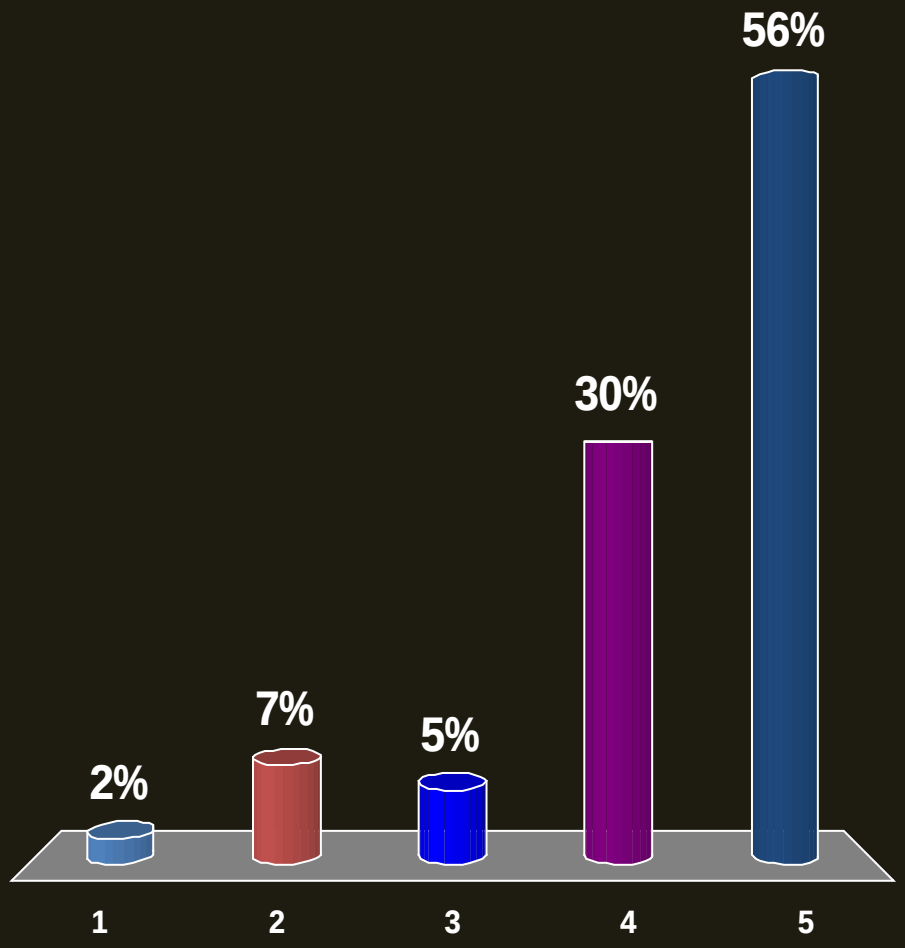


1. Priority Wetlands
2. ADEM Long-term Monitoring Stations
3. Toxic Release Inventory
4. Point Source Discharges (NPDES)
5. Impaired Waters
   - Metals (Hg)
6. Protected Lands
7. Priority Intertidal Marsh and Flats
8. ADEM Water Quality Survey
9. % Urbanization- 31.4

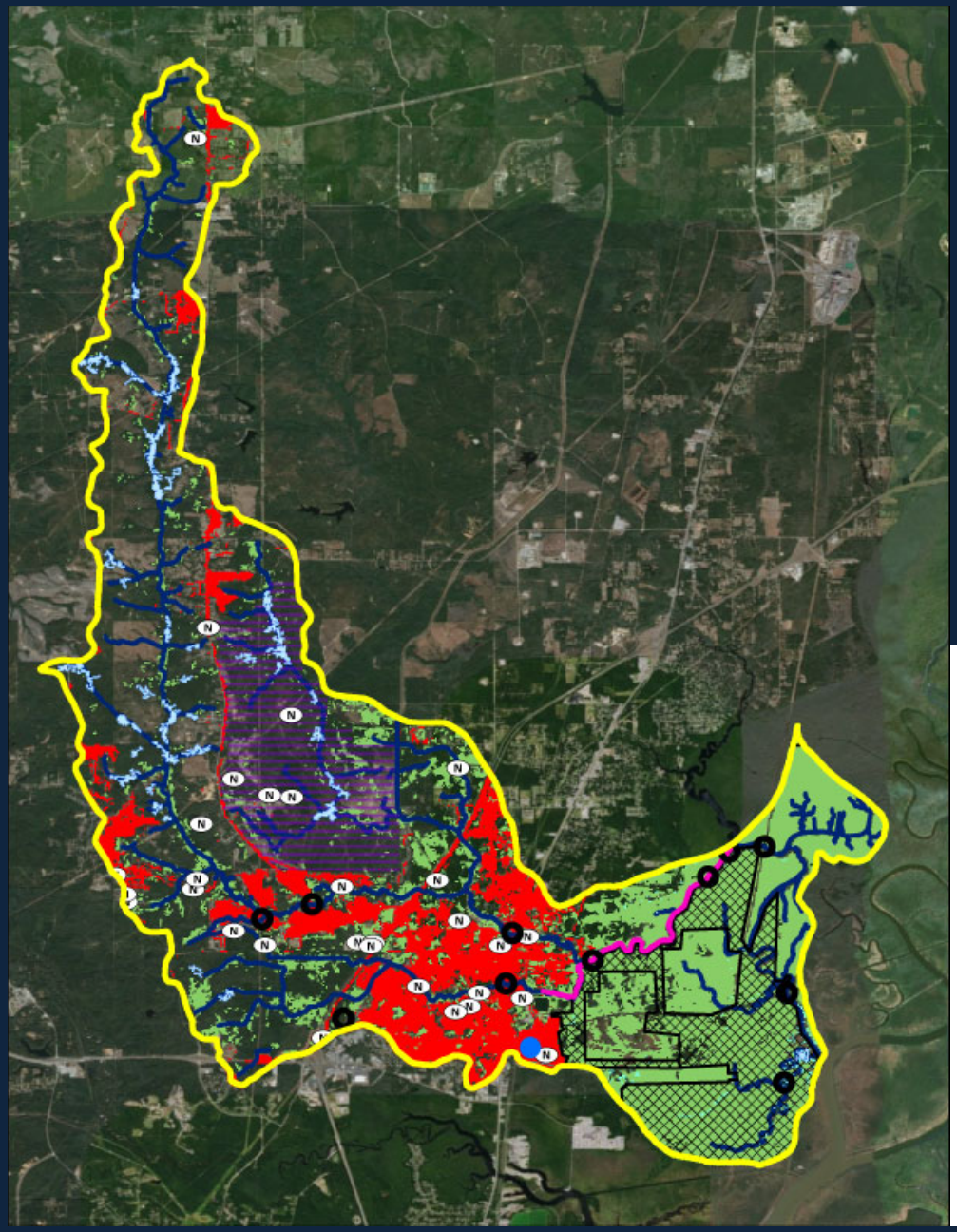
Lower Chasaw

Please rate the priority of this watershed on a scale of 1 (lowest) to 5 (highest) based on the information provided.

1. Lowest
2. Somewhat low
3. Neutral
4. Somewhat high
5. Highest



Bayou Sara



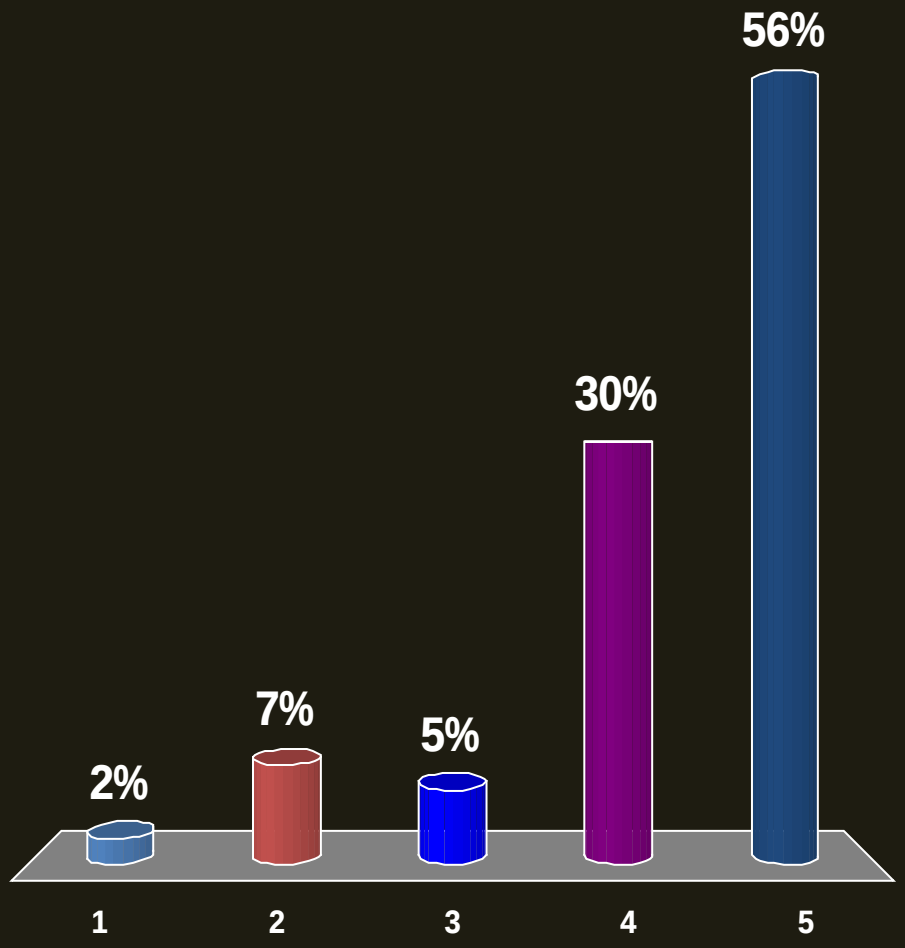
1. Priority Freshwater Wetlands
2. ADEM Long-term Monitoring Stations
3. Point Source Discharges (NPDES)
4. Protected Lands
5. Impaired Waters
   - OE/DO
6. Acquisition Property
7. TMDL

% Urbanization- 13.6

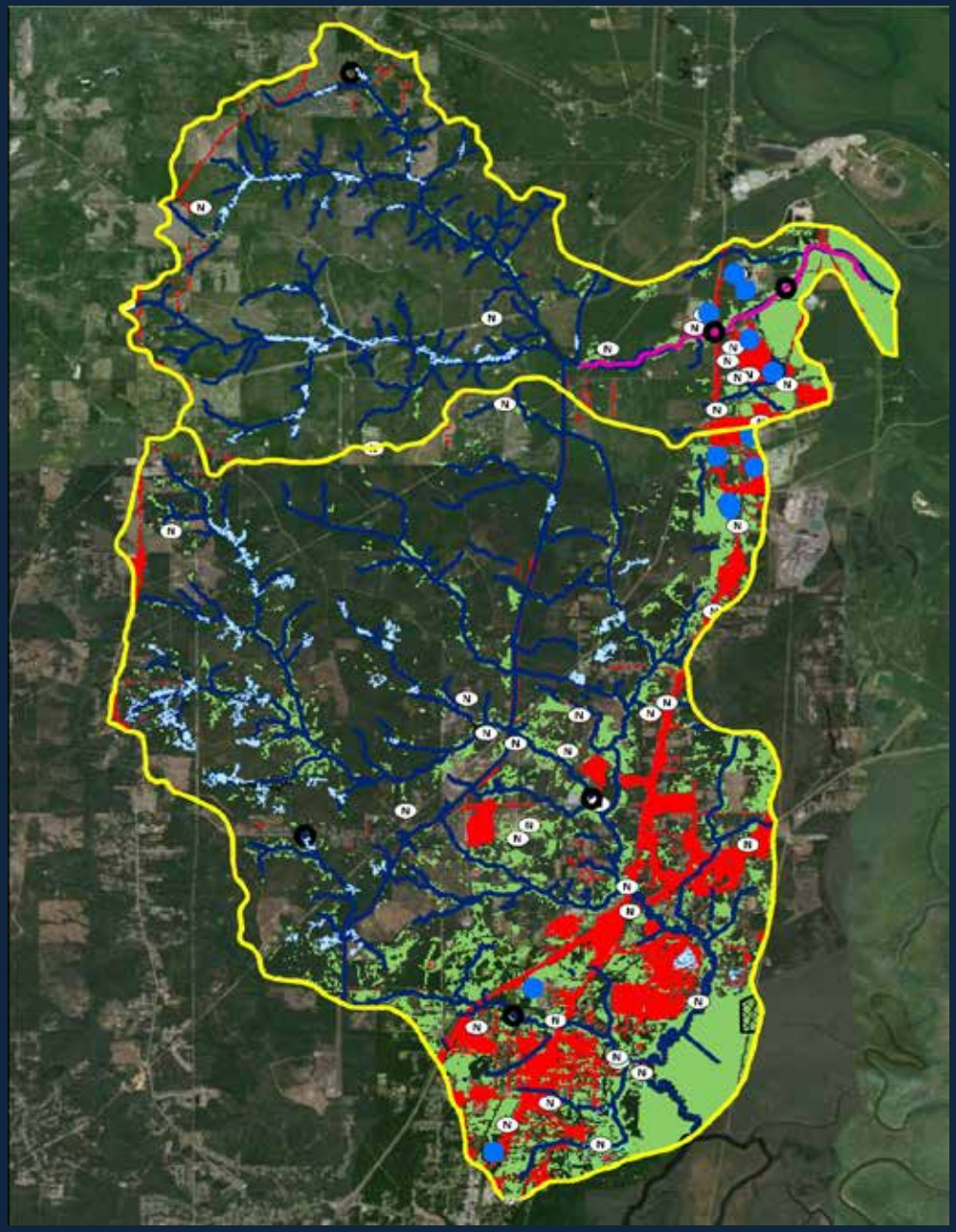
Bayou Sara

Please rate the priority of this watershed on a scale of 1 (lowest) to 5 (highest) based on the information provided.

1. Lowest
2. Somewhat low
3. Neutral
4. Somewhat high
5. Highest



Gunnison Creek, Cold Creek

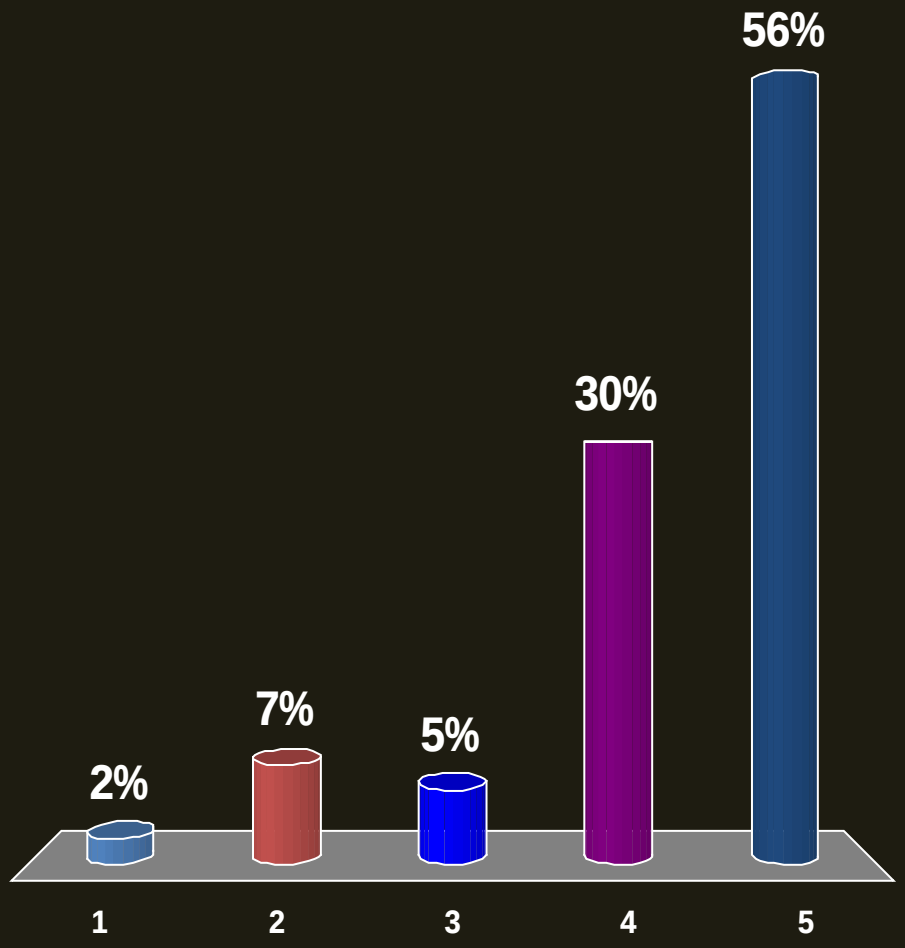


1. Priority Wetlands
2. ADEM Long-term Monitoring Stations
3. Toxic Release Inventory
4. Point Source Discharges (NPDES)
5. Impaired Waters
   - Metals (Hg)
6. Protected Lands
7. Acquisition Property
8. Priority Intertidal Marsh and Flats
9. TMDL
10. % Urbanization- 7.2

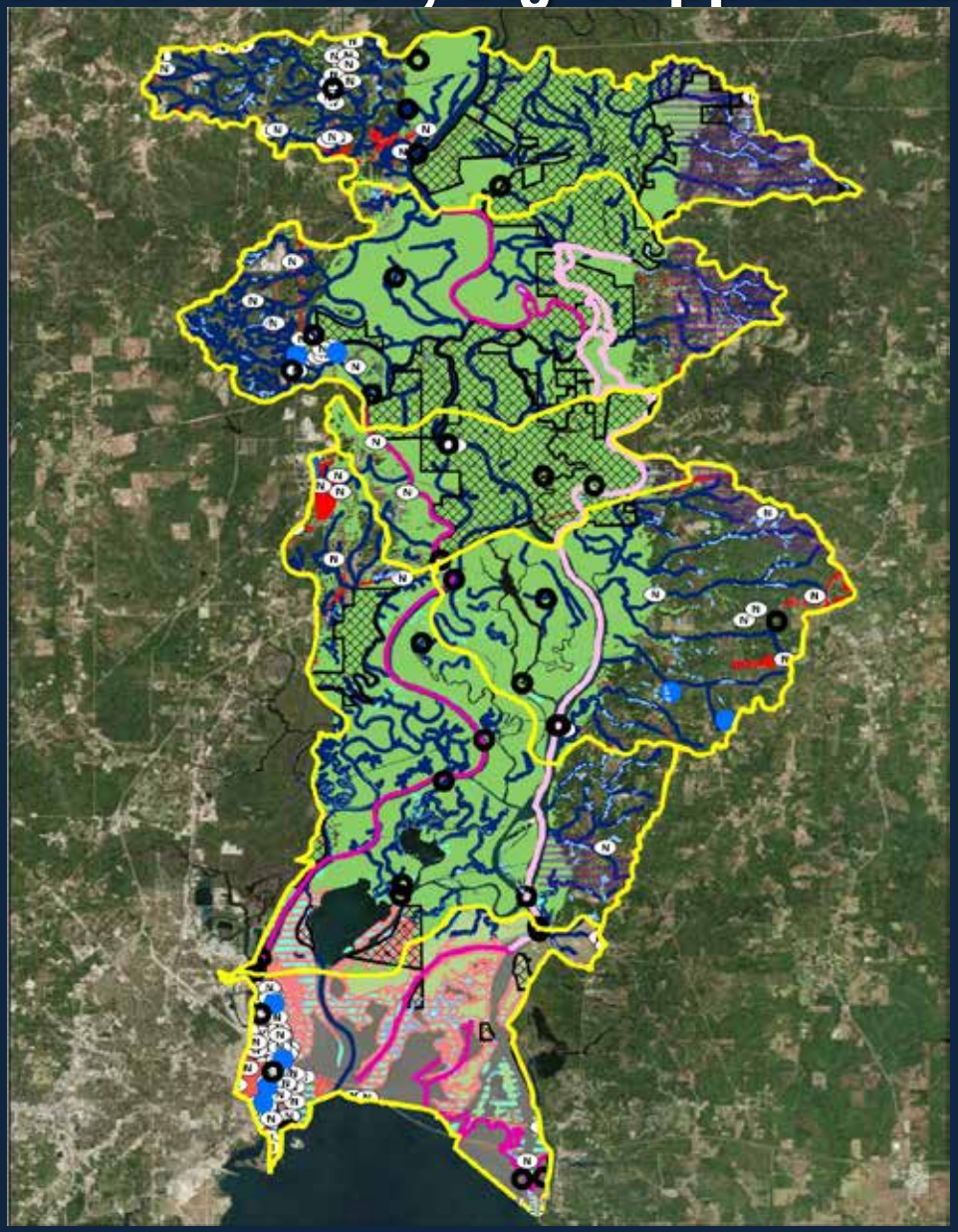
Gunnison Creek, Cold Creek

Please rate the priority of this watershed on a scale of 1 (lowest) to 5 (highest) based on the information provided.

1. Lowest
2. Somewhat low
3. Neutral
4. Somewhat high
5. Highest



MTA Delta (Tensaw-Apalachee, Grand Bay, The Basin, Barrow Creek, Big Chippewa Lake, Mittlin Lake

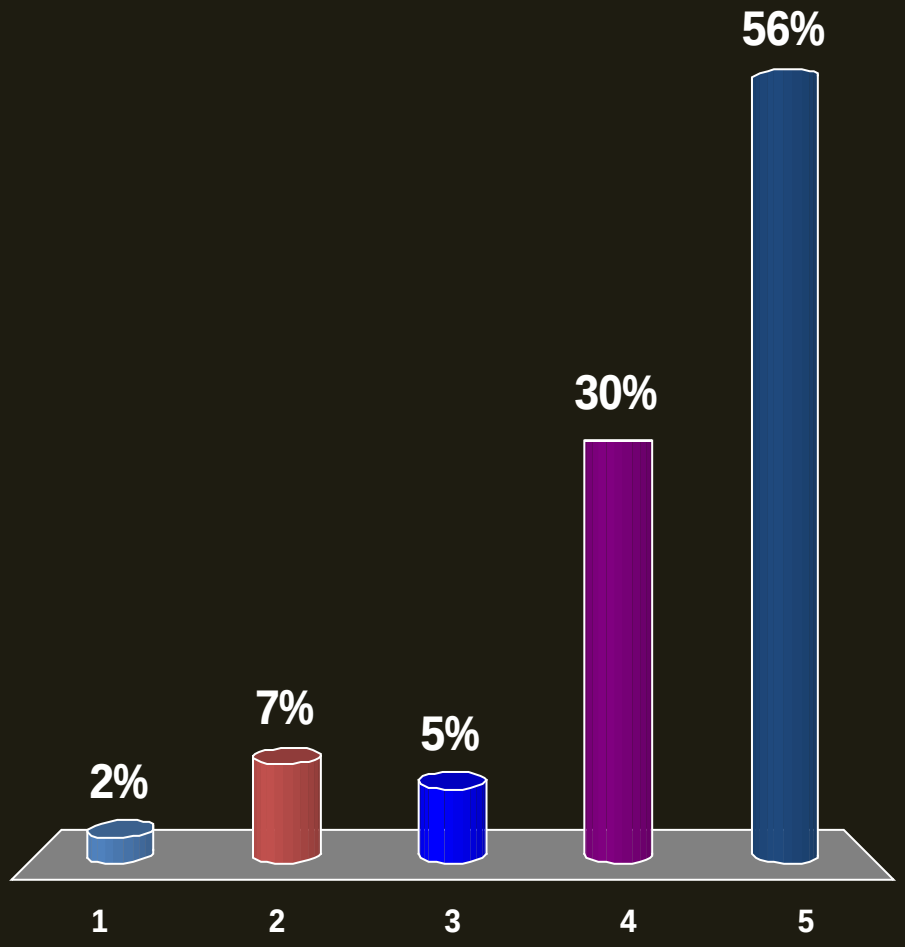


1. Priority Wetlands
2. ADEM Monitoring Stations
3. Outstanding Waters
   - Tensaw River
4. Toxic Release Inventory
5. Point Source Discharges (NPDES)
6. Impaired Waters
   - Metals (Hg)
7. Protected Lands
8. Acquisition Properties
9. Priority Intertidal Marsh and Flats
10. Prioritized Restoration Watershed
11. % Urbanization- 2.7

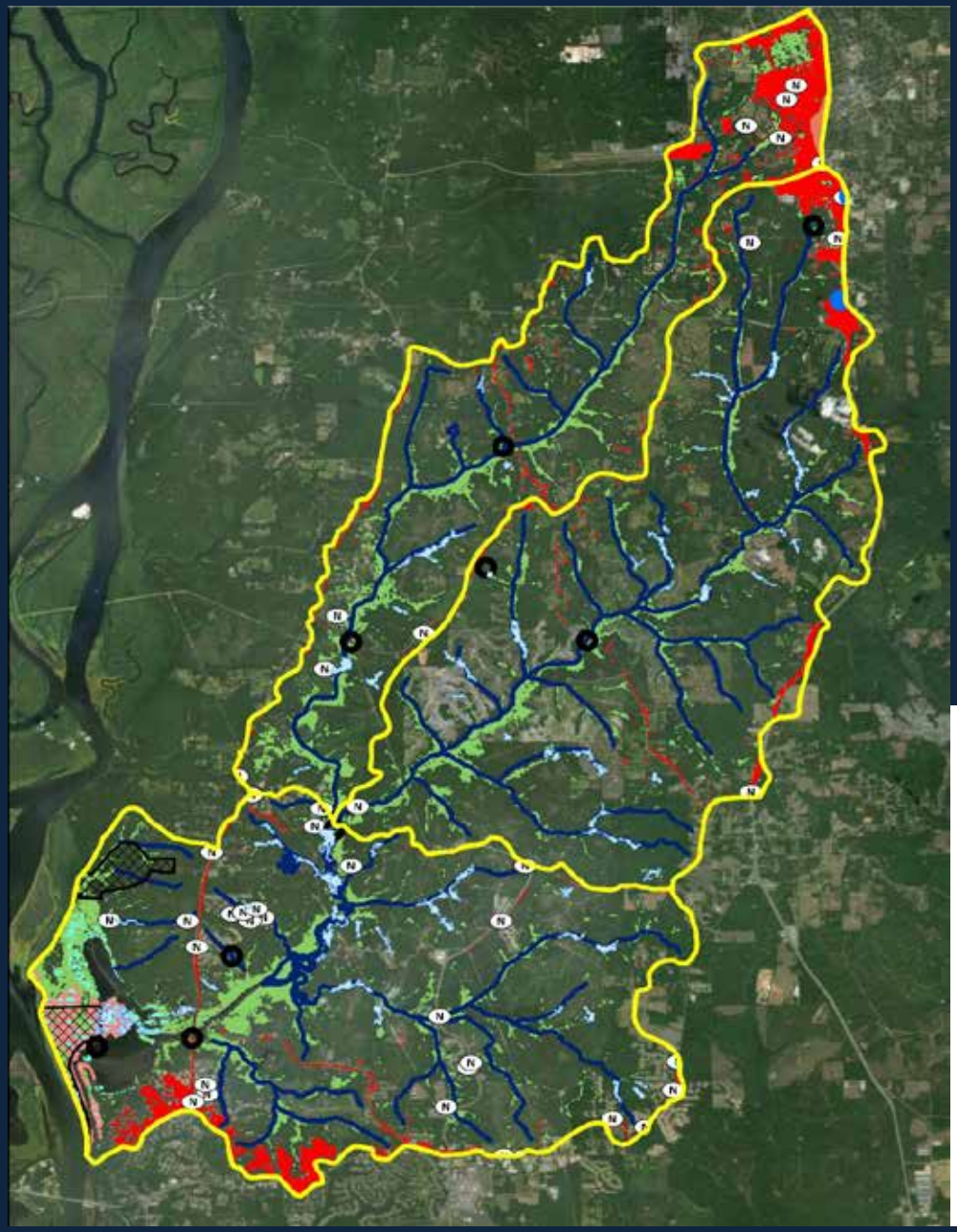
MTA Delta

Please rate the priority of this watershed on a scale of 1 (lowest) to 5 (highest) based on the information provided.

1. Lowest
2. Somewhat low
3. Neutral
4. Somewhat high
5. Highest



Bay Minette (upper, lower), Whitehouse Creek

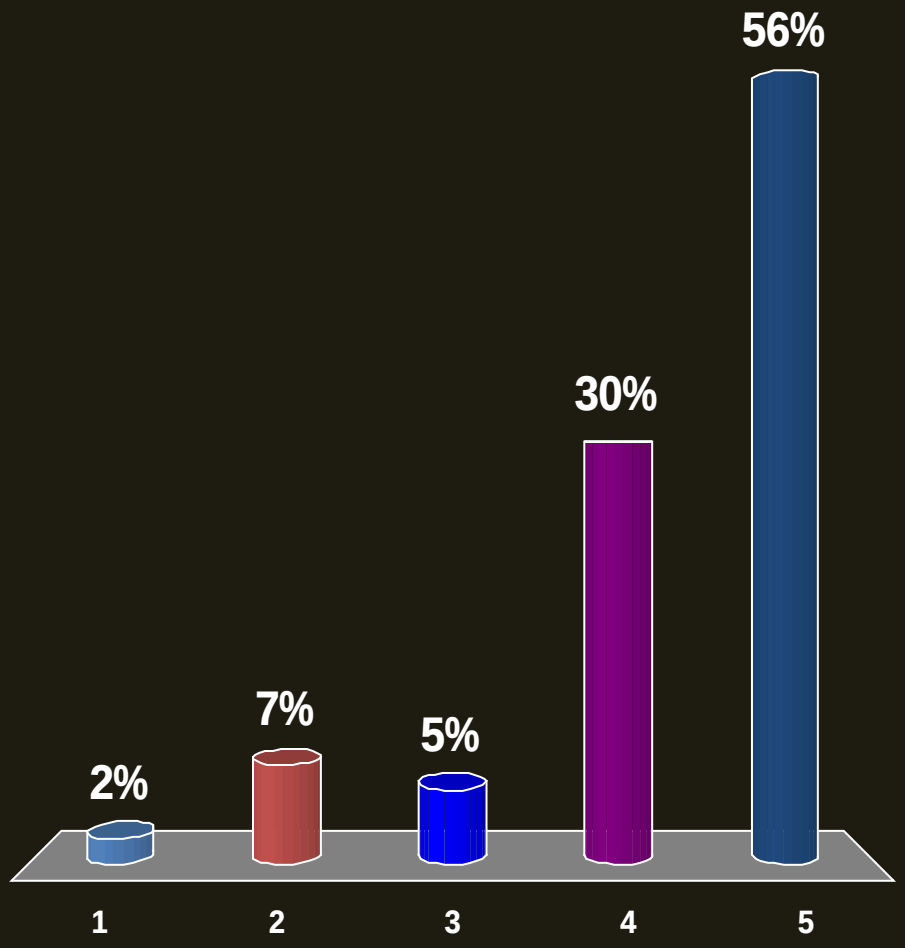


1. Priority Freshwater Wetlands
2. ADEM Long-term Monitoring Stations
3. Point Source Discharges (NPDES)
4. Protected Lands
5. Priority Intertidal Marsh & Flats
6. % Urbanization- 4.6

Bay Minette Creek, Whitehouse Creek

Please rate the priority of this watershed on a scale of 1 (lowest) to 5 (highest) based on the information provided.

1. Lowest
2. Somewhat low
3. Neutral
4. Somewhat high
5. Highest



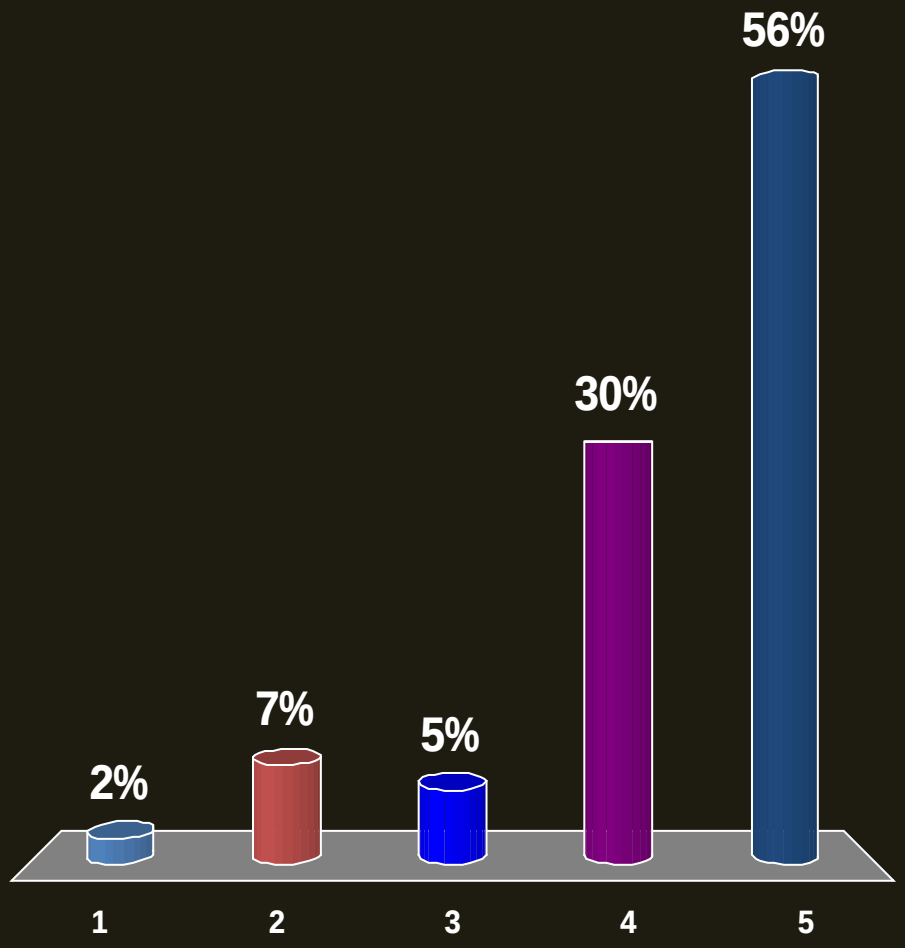
Fly Creek

1. Priority Wetlands
2. ADEM Long-term Monitoring Stations
3. Point Source Discharges (NPDES)
4. Priority Intertidal Marsh and Flats
5. % Urbanization- 18.5

Fly Creek

Please rate the priority of this watershed on a scale of 1 (lowest) to 5 (highest) based on the information provided.

1. Lowest
2. Somewhat low
3. Neutral
4. Somewhat high
5. Highest



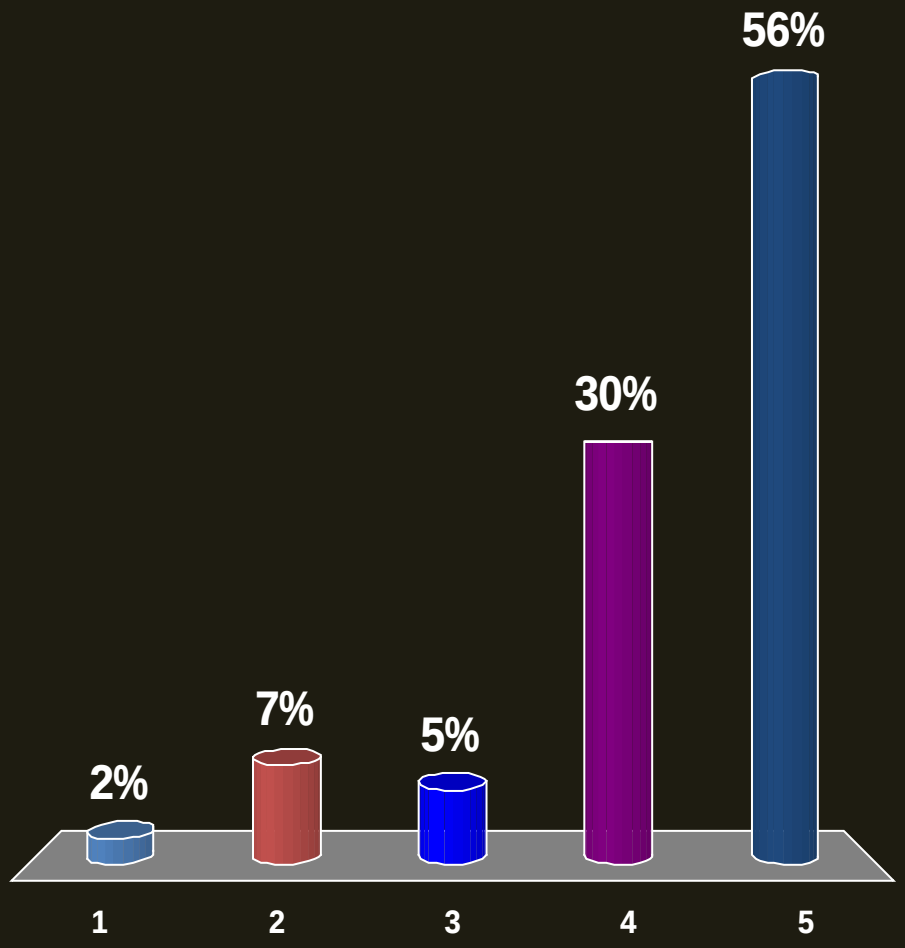
Little Lagoon, Perdido Pass

1. Priority Wetlands
2. ADEM Long-term Monitoring Stations
3. Point Source Discharges (NPDES)
4. TMDL - Pathogens
5. Protected Lands
6. Priority Intertidal Marsh and Flats
7. % Urbanization- 22

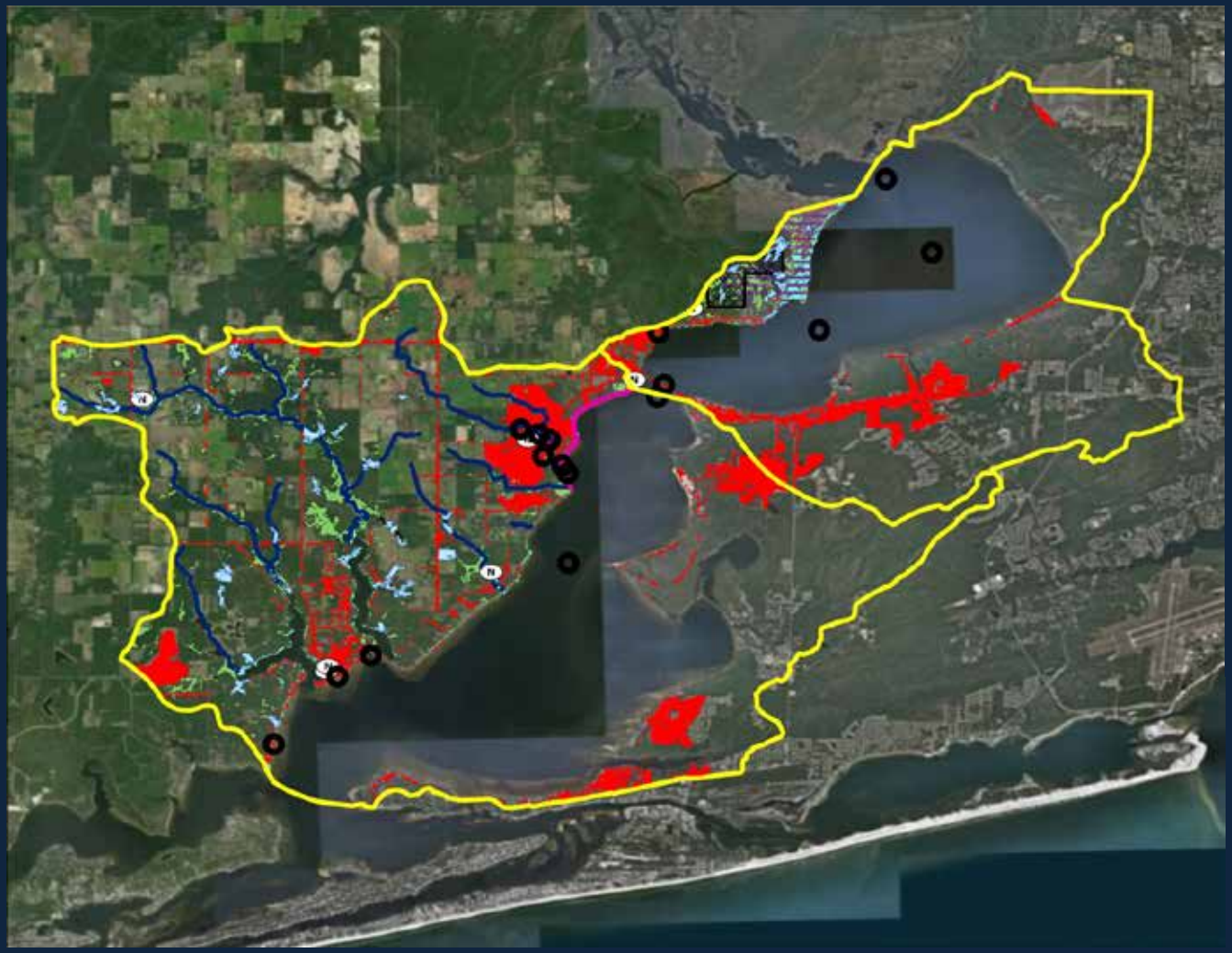
Little Lagoon, Perdido Pass

Please rate the priority of this watershed on a scale of 1 (lowest) to 5 (highest) based on the information provided.

1. Lowest
2. Somewhat low
3. Neutral
4. Somewhat high
5. Highest



Bridge Creek, Palmetto Creek

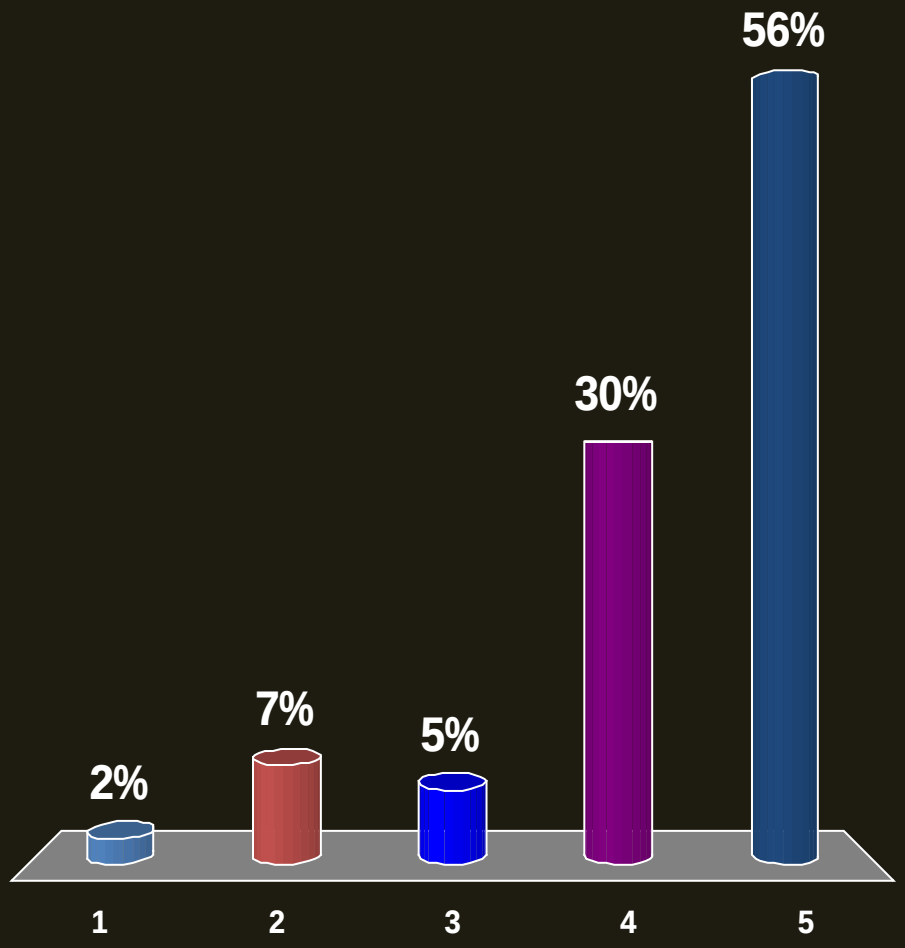


1. Priority Freshwater Wetlands
2. ADEM Long-term Monitoring Stations
3. Point Source Discharges (NPDES)
4. Impaired Waters
    1. Pathogens
5. Protected Lands
6. Acquisition Property
7. Priority Intertidal Marsh and Flats
8. % Urbanization- 6.4

Bridge Creek, Perdido Creek

Please rate the priority of this watershed on a scale of 1 (lowest) to 5 (highest) based on the information provided.

1. Lowest
2. Somewhat low
3. Neutral
4. Somewhat high
5. Highest



Adjourn