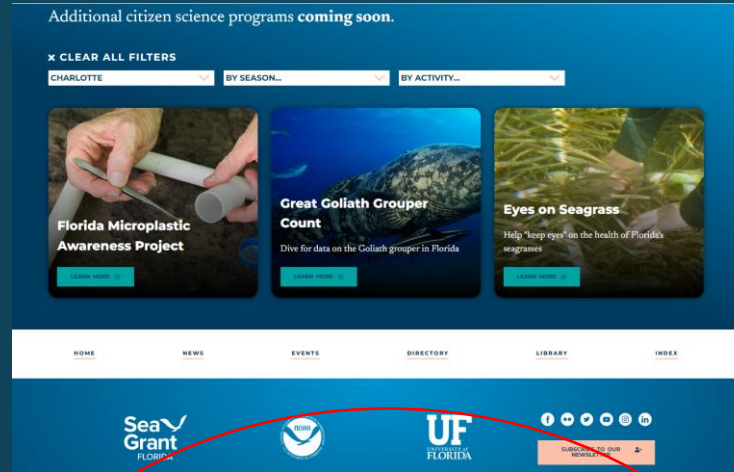
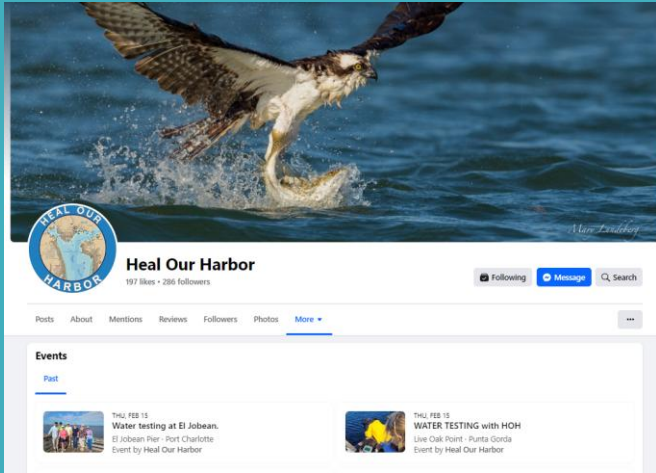
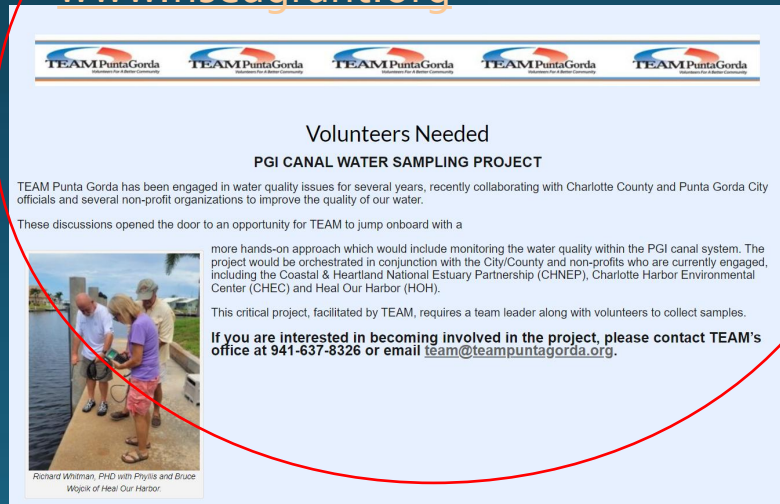


REGIONAL VOLUNTEER OPPORTUNITIES



Upcoming volunteer opportunities in April 2024! Website: www.flseagrant.org



Coming in Fall 2024!

- **What:** Environmental Conditions/Parameters, Nutrients, Bacteria
- **When:** Monthly
- **Where:** 46 sites located within the 6 Charlotte Harbor Estuary Aquatic Preserves – Lemon Bay, Gasparilla Sound, Pine Island Sound, Matlacha Pass, San Carlos Bay, Estero Bay
- Training and Equipment Provided
- Website: www.floridadep.gov

- **What:** Environmental Conditions/Parameters, Nutrients, Bacteria
- **When:** Monthly/AM
- **Where:** Live Oak Point, Charlotte Harbor; El Jobean Pier, Port Charlotte
- Training and Equipment Provided
- Website: www.healourharbor.org
- Check Facebook page for upcoming events & details



Volunteers Needed

PGI CANAL WATER SAMPLING PROJECT

TEAM Punta Gorda has been engaged in water quality issues for several years, recently collaborating with Charlotte County and Punta Gorda City officials and several non-profit organizations to improve the quality of our water.

These discussions opened the door to an opportunity for TEAM to jump onboard with a



Richard Whitman, PHD with Phyllis and Bruce Wojcik of Heal Our Harbor.

more hands-on approach which would include monitoring the water quality within the PGI canal system. The project would be orchestrated in conjunction with the City/County and non-profits who are currently engaged, including the Coastal & Heartland National Estuary Partnership (CHNEP), Charlotte Harbor Environmental Center (CHEC) and Heal Our Harbor (HOH).

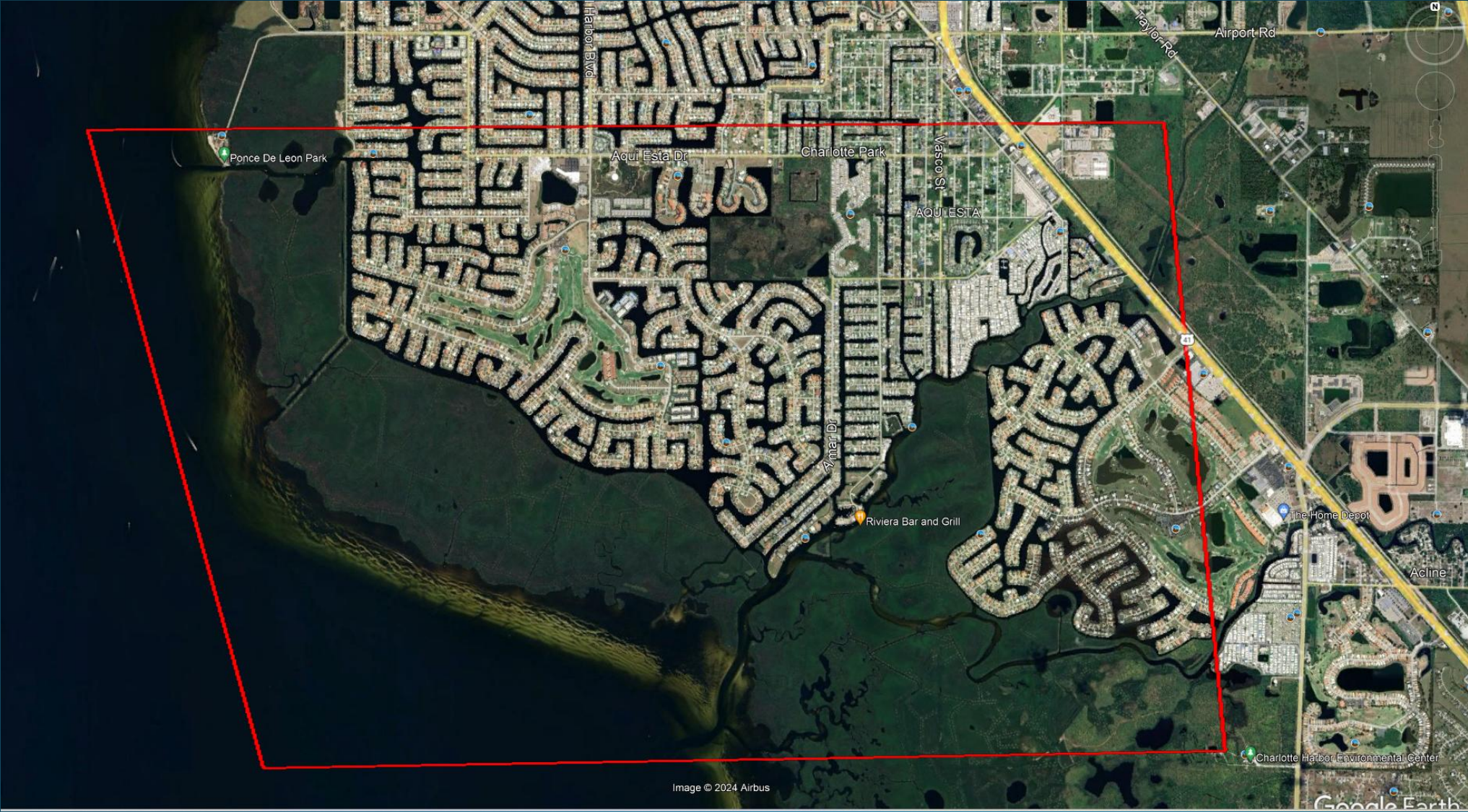
This critical project, facilitated by TEAM, requires a team leader along with volunteers to collect samples.

If you are interested in becoming involved in the project, please contact TEAM's office at 941-637-8326 or email team@teampuntagorda.org.

The Citizens Partnership for Clean Canals



Approximate Area listed as non-attainment for Fecal Indicator Bacteria.



CPCC Objectives

In response to citizen concerns, a coalition of citizen interest groups was formed to:

- Implement a Water Quality Monitoring Program for Punta Gorda canals and city waterways.
- Validate or negate the FDEP impairment designation.
- Work with regional and national experts on fecal indicator bacteria to conduct investigation into source(s) and risk, if any.
- Develop potential mitigation strategies for addressing sources of concern.



Current CPCC Monitoring Sites



CPCC Sites			
Site ID	Site Name	Address	
PGI-1	Ponce Ramp	3400 Ponce de Leon Pkwy, Punta Gorda, FL	
AC-2	Riviera Marina	5600 Deltona Dr, Punta Gorda, FL	
PGI-3	La Costa		
PGI-4	Sea Gull	1444 Sea Gull Court, Punta Gorda, FL	
PGI-5	Captiva	5029 Captiva Court, Punta Gorda, FL	
BSI-6	Candia	3713 Candia Drive, Punta Gorda, FL	
PR-7	Gilchrist	400 W. Retta Esplanade, Punta Gorda, FL	

When/How/What we monitor

- 1st Monday of each month – Land based
- Water samples collected for enterococci analysis/DNA analysis
- Field Measurements
 - pH
 - Dissolved Oxygen
 - Specific Conductivity
 - Salinity
- Field Observations
 - Water Clarity, Color, Temp
 - Field Conditions



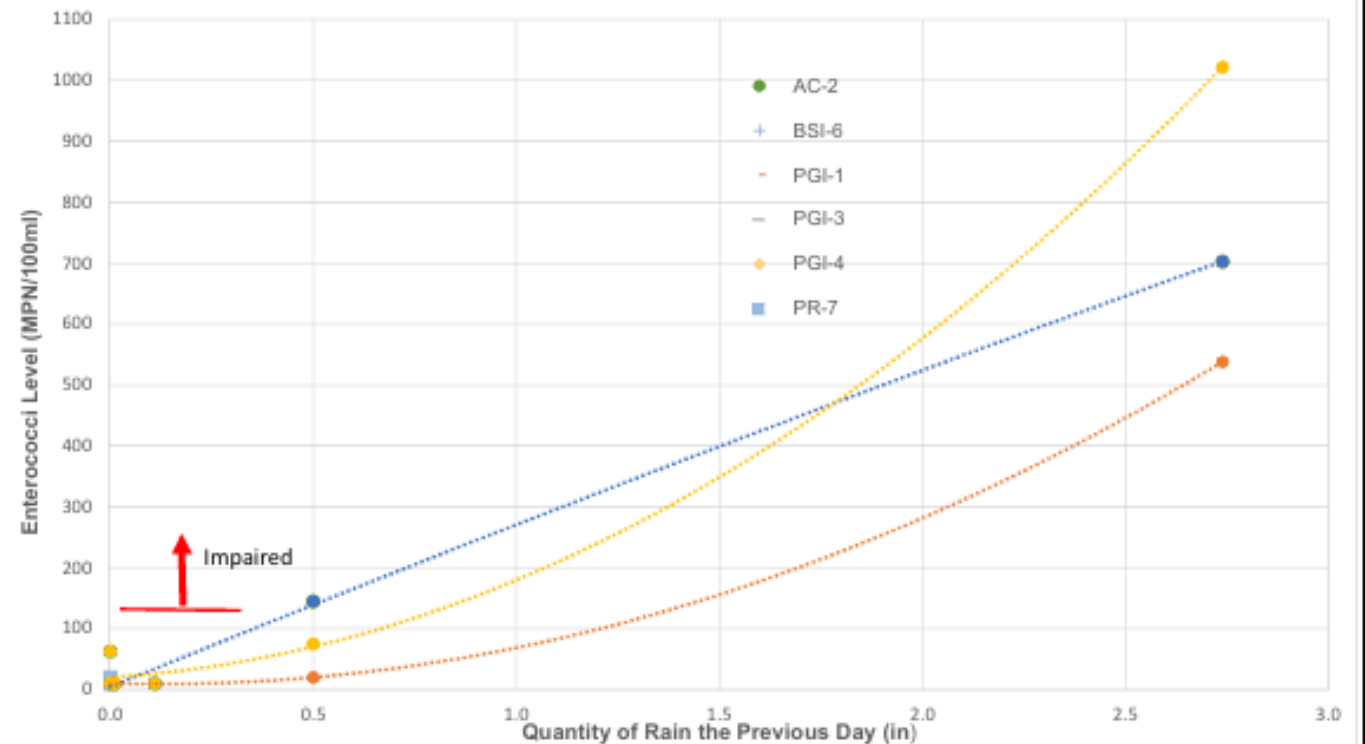
What are we seeing the water?

Monthly Monitoring: FIB April 2024 – January 2025

Citizens Partnership for Clean Canals (CPCC)

Sample Date	24-hr Rain (in)	Enterococci (MPN/ml)						
		AC-2	BSI-6	PGI-1	PGI-3	PGI-4	PGI-5	PR-7
4/1/2024	0.00	10		10	10	10		
5/6/2024	0.01	10		10		10		
6/3/2024	0.00	10		10		63		
7/1/2024	0.01	10		10		10	10	
8/6/2024	2.74	703		538		1022	144	
9/3/2024	0.50	145		20		75	10	
10/22/2024	0.11	10	10			10	20	
11/4/2024	0.00	63	10			10	10	
12/3/2024	0.00	10	10			10	10	10
1/6/2025	0.00	10				10	10	20
Arithmetic Mean		98	10	100		123	31	15
Geometric Mean		24	10	22		23	16	14
Correlation		1.00		0.99		0.99	0.98	
Correlation AC-2 to PGI-4		0.99						

PGI Canal Water Monitoring for Enterococci



Interested in being a water quality monitoring volunteer?

Contact Heal Our Harbor to...

- Join the CPCC Project team
- Sign up as a Heal Our Harbor volunteer
- Launch a water quality monitoring program in another community