

**MINUTES
SOUTH CHARLOTTE STORMWATER
MUNICIPAL SERVICE BENEFIT UNIT (MSBU)**

**ADVISORY BOARD REGULAR MEETING
MONDAY, APRIL 18, 2022**

**10:00 a.m. – 11:35 a.m.
Charlotte Harbor Event Center
75 Taylor Street, Punta Gorda, Florida**

Members Present: Dr. Mary Ellen Kiss, Chair
Dave Evans
Sandra Funk
Craig Williams

Members Absent: None

County Staff: Karlene McDonald, Community Liaison
Brandon Moody, Water Quality Manager
Lisa Eby, Executive Assistant
Janina Stamoulis, Executive Assistant

Guests: None

Call to Order / Roll Call:

The meeting was called to order at 10:00 a.m. A roll call was taken, and a quorum was present.

Changes to the Agenda / Motion to Approve Changes:

None

Election of Officers:

- Chair: Ms. Funk nominated Dr. Kiss, seconded by Mr. Williams; there were no other nominations
- Vice-Chair: Ms. Funk nominated Mr. Evans, seconded by Mr. Williams; there were no other nominations.

Nominations were unanimously approved; Dr. Kiss accepted the position of Chair and Mr. Evans accepted the position of Vice-Chair.

Citizen Input on Agenda Items (3-Minute Limit):

None

Approval of Minutes:

The February 28, 2022 minutes were unanimously approved as written.

Unfinished Business:

- a. Water Quality Monitoring Program: Mr. Moody reviewed the water quality presentation, discussion followed regarding monitoring locations in South County, discussion on Hog Creek and Bear Branch Creek monitoring locations, potential source tracking, and the possibility of applying for grant funding assistance once a management plan has been established.
- b. Pipe Lining Program: Conversation ensued regarding the upcoming pipe lining projects for Vellum Circle and Cape Horn Boulevard at Hog Creek. Ms. McDonald confirmed the change order for the Santa Inez Road pipe lining project includes the excavation and restoration costs.

New Business:

- a. Financial Reports: The FY22 second quarter financial reports were reviewed.

Citizen Input on MSBU Items (3-Minute Limit):

None

Advisory Board Open Discussion:

Dr. Kiss requested an update on the sinkhole on Vincent Avenue near Lockhart Court, it was determined to be a depression created after a utility repair and not a sinkhole. Discussion ensued regarding Vincent Avenue drainage and a road crossing pipe that drains over county lines; Ms. McDonald confirmed that drainage cannot be rerouted without a permit application to state agencies and Public Works does not recommend any further action at this time.

Schedule Meetings / Items for Next Agenda:

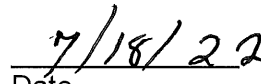
Future meetings are scheduled at 10:00 a.m. at the Charlotte Harbor Event Center as follows:

- July 18, 2022
- October 24, 2022

The meeting adjourned at 11:35 a.m.

Submitted by: Karlene McDonald
Public Works Department


Chair Signature


Date

AGENDA
SOUTH CHARLOTTE STORMWATER
MUNICIPAL SERVICE BENEFIT UNIT (MSBU)

ADVISORY BOARD REGULAR MEETING
MONDAY, APRIL 18, 2022

10:00 a.m., Charlotte Harbor Event Center
75 Taylor Street, Punta Gorda, Florida

BOARD MEMBERS: Dr. Mary-Ellen Kiss, Chair
Dave Evans
Sandra Funk
Craig Williams

COUNTY STAFF: Karlene McDonald, Community Liaison

PURPOSE: Regular Meeting

1. Call to Order / Roll Call
2. Changes to the Agenda / Motion to Approve Changes
3. Election of Officers
4. Citizen Input on Agenda Items (3-Minute Limit)
5. Approval of Minutes: February 28, 2022
6. Unfinished Business
 - a. Water Quality Monitoring Program
 - b. Pipe Lining Program
7. New Business
 - a. Financial Reports
8. Citizen Input on MSBU Items (3-Minute Limit)
9. Advisory Board Open Discussion
10. Meeting Schedule / Items for Next Agenda
11. Motion to Adjourn



**South Charlotte Stormwater
Municipal Service Benefit Unit**

Advisory Board Meeting Attendance
Monday, April 18, 2022

Location: 75 Taylor Street, Punta Gorda, Florida
Charlotte Harbor Event Center

**INFORMATION SUPPLIED ON THIS FORM
BECOMES PUBLIC RECORD**

NAME (please print)	Email Address	Phone Number
Karlene McDonald	Karlene.McDonald@charlottecountyfl.gov	941.575.3627
Dave Evans	bingkjbrian@gmail.com	757-484-7141
Sandy Funk	quilterfunk@yahoo.com	941-815-7340
Mary Eileen Kiss	rdginc@comcast.net	240.381.1894
Lisa Eby	on file	on file
Craig Williams	on file	on file
NINA STAMOUKIS	" "	" "
Brandon Moody	brandon.moody@charlottecountyfl.gov	941-743-1354

Monthly MSBU Activity Report

START DATE: 12/1/2021 END DATE: 2/28/2022

PW-SCSWUM South Charl Stormwater

Project	WO Number	WO Description	Equipment Code	Equipment Description	Location	Date Worked	Labor Hours	Labor Cost	Parts Cost	Equipment Cost	Contract or Cost	Work Accompl.	UOM	Total Cost
C390202	1011014	PW-MSBU-S SCSWUM NPDES C390202	PW-SCSWUM	South Charl Stormwater										
				96-9657D Stormwater Project Mgmt		12/01/2021	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						12/07/2021	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						12/09/2021	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						12/10/2021	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						12/14/2021	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						12/15/2021	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						12/16/2021	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						01/05/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						01/11/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						01/12/2022	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						01/13/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						01/14/2022	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						01/19/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						01/20/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						01/21/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						01/25/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						01/26/2022	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						01/27/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						01/28/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						02/01/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						02/02/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						02/03/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						02/04/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						02/08/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						02/09/2022	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						02/10/2022	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						02/11/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						02/15/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						02/16/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						02/17/2022	3.00	320.28	0.00	0.00	0.00	3.00	LHR	320.28
						02/18/2022	3.00	320.28	0.00	0.00	0.00	3.00	LHR	320.28
						02/23/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						02/24/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						02/25/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
				Stormwater Project Mgmt Total			62.00	6,619.12	0.00	0.00	0.00	62.00	LHR	6,619.12
				Total WO Number: 1011014			62.00	6,619.12	0.00	0.00	0.00	62.00	LHR	6,619.12
1015691	PW-SCSWUM	Aquatic Weed (Annual) & SWFWMD Annual Inspections for Permit	PW-SCSWUM	South Charl Stormwater										
				94-9460R Cap Road Project Inspection		12/01/2021	2.00	162.82	0.00	0.00	0.00	2.00	LHR	162.82
						12/02/2021	2.00	162.82	0.00	0.00	0.00	2.00	LHR	162.82
						12/03/2021	2.00	162.82	0.00	0.00	0.00	2.00	LHR	162.82
						12/06/2021	2.00	162.82	0.00	0.00	0.00	2.00	LHR	162.82

Monthly MSBU Activity Report

START DATE: 12/1/2021 END DATE: 2/28/2022

PW-SCSWUM

Project	WO Number	WO Description	Equipment Code	Equipment Description	Location	Date Worked	Labor Hours	Labor Cost	Parts Cost	Equipment Cost	Contract or Cost	Work Accompl.	UOM	Total Cost
						12/07/2021	2.00	162.82	0.00	0.00	0.00	2.00	LHR	162.82
						12/08/2021	3.00	244.23	0.00	0.00	0.00	3.00	LHR	244.23
						12/09/2021	2.00	162.82	0.00	0.00	0.00	2.00	LHR	162.82
						12/10/2021	3.00	244.23	0.00	0.00	0.00	3.00	LHR	244.23
						12/13/2021	3.00	244.23	0.00	0.00	0.00	3.00	LHR	244.23
						12/14/2021	2.00	162.82	0.00	0.00	0.00	2.00	LHR	162.82
						12/15/2021	3.00	244.23	0.00	0.00	0.00	3.00	LHR	244.23
						12/16/2021	2.00	162.82	0.00	0.00	0.00	2.00	LHR	162.82
						12/20/2021	3.00	244.23	0.00	0.00	0.00	3.00	LHR	244.23
						12/21/2021	3.00	244.23	0.00	0.00	0.00	3.00	LHR	244.23
						12/22/2021	2.00	162.82	0.00	0.00	0.00	2.00	LHR	162.82
						12/27/2021	2.00	162.82	0.00	0.00	0.00	2.00	LHR	162.82
						12/28/2021	2.00	162.82	0.00	0.00	0.00	2.00	LHR	162.82
						12/29/2021	2.00	162.82	0.00	0.00	0.00	2.00	LHR	162.82
						12/30/2021	2.00	162.82	0.00	0.00	0.00	2.00	LHR	162.82
						01/03/2022	2.00	162.82	0.00	0.00	0.00	2.00	LHR	162.82
						01/04/2022	2.00	162.82	0.00	0.00	0.00	2.00	LHR	162.82
						01/05/2022	1.00	81.41	0.00	0.00	0.00	1.00	LHR	81.41
						01/07/2022	5.00	407.05	0.00	0.00	0.00	5.00	LHR	407.05
						01/10/2022	3.00	244.23	0.00	0.00	0.00	3.00	LHR	244.23
						01/11/2022	1.00	81.41	0.00	0.00	0.00	1.00	LHR	81.41
						01/24/2022	1.00	81.41	0.00	0.00	0.00	1.00	LHR	81.41
Cap Road Project Inspection Total							59.00	4,803.19	0.00	0.00	0.00	59.00	LHR	4,803.19
Total WO Number: 1015691							59.00	4,803.19	0.00	0.00	0.00	59.00	LHR	4,803.19
1220421	PW-SCSWUM	South Charlotte Stormwater Annual Work Order	PW-SCSWUM	South Charl Stormwater										
					10-9866 MS DR	12/01/2021	0.50	45.70	0.00	0.00	0.00	0.50	LHR	45.70
						12/02/2021	0.25	22.85	0.00	0.00	0.00	0.25	LHR	22.85
						12/08/2021	0.50	45.70	0.00	0.00	0.00	0.50	LHR	45.70
						12/13/2021	0.50	45.70	0.00	0.00	0.00	0.50	LHR	45.70
						12/14/2021	0.25	22.85	0.00	0.00	0.00	0.25	LHR	22.85
						12/20/2021	0.25	22.85	0.00	0.00	0.00	0.25	LHR	22.85
						12/21/2021	0.75	68.54	0.00	0.00	0.00	0.75	LHR	68.54
						12/27/2021	0.75	68.54	0.00	0.00	0.00	0.75	LHR	68.54
						12/28/2021	0.75	68.54	0.00	0.00	0.00	0.75	LHR	68.54
						12/29/2021	0.50	45.70	0.00	0.00	0.00	0.50	LHR	45.70
						01/03/2022	0.75	68.54	0.00	0.00	0.00	0.75	LHR	68.54
						01/05/2022	0.50	45.70	0.00	0.00	0.00	0.50	LHR	45.70
						01/10/2022	2.00	182.78	0.00	0.00	0.00	2.00	LHR	182.78
						01/11/2022	1.25	114.24	0.00	0.00	0.00	1.25	LHR	114.24
						01/12/2022	1.00	91.39	0.00	0.00	0.00	1.00	LHR	91.39
						01/13/2022	1.50	137.09	0.00	0.00	0.00	1.50	LHR	137.09
						01/19/2022	0.25	22.85	0.00	0.00	0.00	0.25	LHR	22.85

Monthly MSBU Activity Report

START DATE: 12/1/2021 END DATE: 2/28/2022

PW-SCSWUM

Project	WO Number	WO Description	Equipment Code	Equipment Description	Location	Date Worked	Labor Hours	Labor Cost	Parts Cost	Equipment Cost	Contract or Cost	Work Accompl.	UOM	Total Cost
						01/20/2022	0.25	22.85	0.00	0.00	0.00	0.25	LHR	22.85
						01/25/2022	0.25	22.85	0.00	0.00	0.00	0.25	LHR	22.85
						01/26/2022	2.50	228.48	0.00	0.00	0.00	2.50	LHR	228.48
						01/31/2022	0.75	68.54	0.00	0.00	0.00	0.75	LHR	68.54
						02/01/2022	0.25	22.85	0.00	0.00	0.00	0.25	LHR	22.85
						02/02/2022	1.50	137.09	0.00	0.00	0.00	1.50	LHR	137.09
						02/03/2022	0.50	45.70	0.00	0.00	0.00	0.50	LHR	45.70
						02/07/2022	0.25	22.85	0.00	0.00	0.00	0.25	LHR	22.85
						02/08/2022	0.75	68.54	0.00	0.00	0.00	0.75	LHR	68.54
						02/09/2022	0.50	45.70	0.00	0.00	0.00	0.50	LHR	45.70
						02/14/2022	0.75	68.54	0.00	0.00	0.00	0.75	LHR	68.54
						02/15/2022	0.75	68.54	0.00	0.00	0.00	0.75	LHR	68.54
						02/16/2022	0.25	22.85	0.00	0.00	0.00	0.25	LHR	22.85
						02/17/2022	0.25	22.85	0.00	0.00	0.00	0.25	LHR	22.85
						02/22/2022	1.25	114.24	0.00	0.00	0.00	1.25	LHR	114.24
						02/23/2022	0.50	45.70	0.00	0.00	0.00	0.50	LHR	45.70
						02/24/2022	1.00	91.39	0.00	0.00	0.00	1.00	LHR	91.39
						02/28/2022	2.50	228.48	0.00	0.00	0.00	2.50	LHR	228.48
					MSDR Total		27.00	2,467.53	0.00	0.00	0.00	27.00	LHR	2,467.53
					Total WO Number: 1220421		27.00	2,467.53	0.00	0.00	0.00	27.00	LHR	2,467.53
1635484	South Cty S.Water - Annual "ROUTINE" WO - Menzie SCSWU		DITCH-1133	Primary Ditch										
					10-3006D Menzi Muck	02/02/2022	5.00	425.75	0.00	390.65	0.00	9,540.00	SF	816.40
						02/03/2022	7.00	596.05	0.00	546.91	0.00	32,500.00	SF	1,142.96
						02/04/2022	10.00	851.50	0.00	781.30	0.00	25,250.00	SF	1,632.80
						02/07/2022	4.00	340.60	0.00	312.52	0.00	18,865.00	SF	653.12
						02/08/2022	5.00	425.75	0.00	390.65	0.00	21,385.00	SF	816.40
						02/10/2022	10.00	851.50	0.00	781.30	0.00	29,490.00	SF	1,632.80
						02/11/2022	8.00	681.20	0.00	625.04	0.00	36,250.00	SF	1,306.24
						02/16/2022	20.00	1,703.00	0.00	1,562.60	0.00	80,405.00	SF	3,265.60
						02/17/2022	17.00	1,447.55	0.00	1,308.40	0.00	66,760.00	SF	2,755.95
						02/18/2022	2.50	212.88	0.00	195.33	0.00	6,000.00	SF	408.20
						02/22/2022	4.00	340.60	0.00	312.52	0.00	8,000.00	SF	653.12
						02/23/2022	8.00	681.20	0.00	625.04	0.00	28,475.00	SF	1,306.24
						02/28/2022	7.00	596.05	0.00	546.91	0.00	12,000.00	SF	1,142.96
					Menzi Muck Total		107.50	9,153.63	0.00	8,379.17	0.00	374,920.00	SF	17,532.79
					10-8004D Transport	02/03/2022	3.00	255.45	0.00	71.25	0.00	3.00	LHR	326.70
					Transport Total		3.00	255.45	0.00	71.25	0.00	3.00	LHR	326.70
					10-5005D Sod Watering	01/06/2022	8.00	568.56	0.00	40.48	0.00	8.00	LHR	609.04
					Sod Watering Total		8.00	568.56	0.00	40.48	0.00	8.00	LHR	609.04
					Total WO Number: 1635484		118.50	9,977.64	0.00	8,490.90	0.00	374,931.00	LHR	18,468.53

Monthly MSBU Activity Report

START DATE: 12/1/2021 END DATE: 2/28/2022

PW-SCSWUM South Charl Stormwater

Project	WO Number	WO Description	Equipment Code	Equipment Description	Location	Date Worked	Labor Hours	Labor Cost	Parts Cost	Equipment Cost	Contract or Cost	Work Accompl.	UOM	Total Cost
	1703047	Year 1 Specialty Mowing (So Charl SW) Contract # 20-047	POND-149	RETPOND-Taylor Road/Airport Road Intersection_1										
				10-9857R Project Management		12/01/2021	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						12/02/2021	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						12/03/2021	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						12/07/2021	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						12/08/2021	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						12/09/2021	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						12/10/2021	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						12/14/2021	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						12/15/2021	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						12/16/2021	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						12/17/2021	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						12/28/2021	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						12/29/2021	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						12/30/2021	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						01/04/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						01/05/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						01/06/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						01/07/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						01/11/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						01/12/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						01/13/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						01/14/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						01/19/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						01/20/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						01/21/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						01/25/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						01/26/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						01/27/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						01/28/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						02/01/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						02/02/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						02/03/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						02/04/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						02/08/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						02/09/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						02/10/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						02/11/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						02/15/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						02/16/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						02/17/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						02/18/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						02/23/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69

Monthly MSBU Activity Report

START DATE: 12/1/2021 END DATE: 2/28/2022

PW-SCSWUM

Project	WO Number	WO Description	Equipment Code	Equipment Description	Location	Date Worked	Labor Hours	Labor Cost	Parts Cost	Equipment Cost	Contract or Cost	Work Accompl.	UOM	Total Cost
						02/24/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
						02/25/2022	0.25	29.86	0.00	0.83	0.00	0.25	LHR	30.69
				Project Management Total			11.00	1,313.84	0.00	36.30	0.00	11.00	LHR	1,350.14
				Total WO Number: 1703047			11.00	1,313.84	0.00	36.30	0.00	11.00	LHR	1,350.14
1747321	Inspect damages - Clark Canal on Burnt Store Rd - SCSWUM	PW-SCSWUM	South Charl Stormwater											
				10-9030D Inspection - Field		02/10/2022	2.00	160.44	0.00	6.60	0.00	2.00	LHR	167.04
				Inspection - Field Total			2.00	160.44	0.00	6.60	0.00	2.00	LHR	167.04
				Total WO Number: 1747321			2.00	160.44	0.00	6.60	0.00	2.00	LHR	167.04
1775792	Pipe Lining - 24087 SANTA INEZ RD - SCSWUM	PW-SCSWUM	South Charl Stormwater											
				10-9857R Project Management		01/06/2022	1.00	119.44	0.00	0.00	0.00	1.00	LHR	119.44
						01/11/2022	1.00	119.44	0.00	3.30	0.00	1.00	LHR	122.74
						01/13/2022	1.50	179.16	0.00	4.95	0.00	1.50	LHR	184.11
						02/01/2022	1.00	119.44	0.00	3.30	0.00	1.00	LHR	122.74
						02/02/2022	1.00	119.44	0.00	3.30	0.00	1.00	LHR	122.74
						02/03/2022	1.00	119.44	0.00	3.30	0.00	1.00	LHR	122.74
						02/07/2022	1.00	119.44	0.00	3.30	0.00	1.00	LHR	122.74
						02/10/2022	1.00	119.44	0.00	3.30	0.00	1.00	LHR	122.74
				Project Management Total			8.50	1,015.24	0.00	24.75	0.00	8.50	LHR	1,039.99
				10-9857R Project Management		02/16/2022	1.00	119.44	0.00	3.30	0.00	1.00	LHR	122.74
						02/17/2022	2.00	238.88	0.00	6.60	0.00	2.00	LHR	245.48
						02/22/2022	3.00	358.32	0.00	9.90	0.00	3.00	LHR	368.22
						02/23/2022	1.50	179.16	0.00	0.00	0.00	1.50	LHR	179.16
				Project Management Total			7.50	895.80	0.00	19.80	0.00	7.50	LHR	915.60
				Total WO Number: 1775792			16.00	1,911.04	0.00	44.55	0.00	16.00	LHR	1,955.59
1785981	PW-MSBU-S SCSWUM Floodwise Communities	PW-SCSWUM	South Charl Stormwater											
				96-9657D Stormwater Project Mgmt		12/07/2021	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						12/10/2021	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						12/14/2021	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						12/16/2021	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						12/17/2021	4.00	427.04	0.00	0.00	0.00	4.00	LHR	427.04
						01/04/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						01/11/2022	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						01/12/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						01/13/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52
						01/14/2022	1.50	160.14	0.00	0.00	0.00	1.50	LHR	160.14
						01/19/2022	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						01/20/2022	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						01/21/2022	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						01/26/2022	2.00	213.52	0.00	0.00	0.00	2.00	LHR	213.52

Monthly MSBU Activity Report

START DATE: 12/1/2021 END DATE: 2/28/2022

PW-SCSWUM

Project	WO Number	WO Description	Equipment Code	Equipment Description	Location	Date Worked	Labor Hours	Labor Cost	Parts Cost	Equipment Cost	Contract or Cost	Work Accompl.	UOM	Total Cost
						02/01/2022	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						02/03/2022	0.50	53.38	0.00	0.00	0.00	0.50	LHR	53.38
						02/08/2022	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						02/09/2022	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						02/10/2022	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						02/11/2022	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						02/16/2022	1.00	106.76	0.00	0.00	0.00	1.00	LHR	106.76
						Stormwater Project Mgmt Total	30.00	3,202.80	0.00	0.00	0.00	30.00	LHR	3,202.80
						Total WO Number: 1785981	30.00	3,202.80	0.00	0.00	0.00	30.00	LHR	3,202.80
						Total MSBU: PW-SCSWUM	325.50	30,455.60	0.00	8,578.35	0.00	375,138.00	LHR	39,033.94

South Charlotte Stormwater MSBU

Fund Financial Report
Oct. 1, 2021 - Mar. 31, 2022

	Actual FY2021	Adopted Budget FY2022	YTD Actual FY2022	Projected FY2022
Beginning Balance	\$4,537,932	\$4,530,950	\$4,708,572	\$4,708,572
Revenues				
Assessments & Earnings	643,870	635,681	543,232	649,531
Grant & Subsidy Revenue	-	1,667	-	1,667
Loans & Borrowing	-	-	-	-
Total Revenue	\$643,870	\$637,348	\$543,232	\$651,198
Expenditures				
Contract Services	30,505	33,530	5,700	33,530
Pipe Lining	-	500,000	-	500,000
Water Quality	19,022	75,000	-	75,000
Public Works Services	293,631	793,888	50,569	793,888
Internal Charges	4,335	26,330	26,330	26,330
Purchased Services	125,299	147,404	43,253	147,404
Materials and Supplies	-	-	-	-
Capital Outlay	-	-	-	-
Debt Services	-	-	-	-
Project Costs				
Nat'l Pollution Discharge Elimination	438	66,657	5,006	16,667
Total Maximum Daily Load Program	-	133,333	-	133,333
Caloosahatchee TMDL/BMAP	-	49,410	-	9,760
Total Expenditures	\$473,231	\$1,825,552	\$130,858	\$1,735,912
Reserves (Ending Fund Balance)	\$4,708,572	\$3,342,746	\$5,120,946	\$3,623,858
<i>Reserve %</i>	90.87%	64.7%	97.5%	67.6%

Date Prepared: 4/4/2022



Proposal

To: Charlotte County Utilities
 Attn: Randy Vowell
 Phone: Office# (941) 575-3680
 Email: randy.vowell@charlottefl.com

Date: 3/3/2022
 Quote #: 20-0173-30

Job Location: 24087 Santa Inez

Job Description and Scope Inclusion:

Pricing based on Stormwater Collection System Rehabilitation Annual Project #20-497 Change Order #1

Item #	Description	Quantity	Unit	Unit Price	Extended Price
NIC	Remove/Reset Catch Basin Risers for CIPP Install Excavate 12'x12' area, remove 2'x3' catch basin riser and 5'x7' catch basin top in order to make turns for liner, reset when complete	3	EA	\$9,600.00	\$28,800.00
NIC	Sod Restoration in Storm Easement	1	EA	\$4,500.00	\$4,500.00
50	Disposal of Material Item #50 increase over original proposal - quantity overrun pipe full of debris	240	CY	\$25.00	\$6,000.00 \$0.00 \$0.00 \$0.00 \$0.00

Grand Total Proposal : \$39,300.00

Best Regards,

Andrea McTeer

Andrea McTeer
 Business Development Manager

**2051 WEST BLUE HERON BLVD., RIVERA BEACH, FL 33404
 561-640-3503 OFFICE 321-633-7067 FAX
 CGC1520354 CUC1224634 CBC1255077 EC13003615**

Water Quality in Charlotte County

Background, Status, and Next Steps in Monitoring

April 18th, 2022



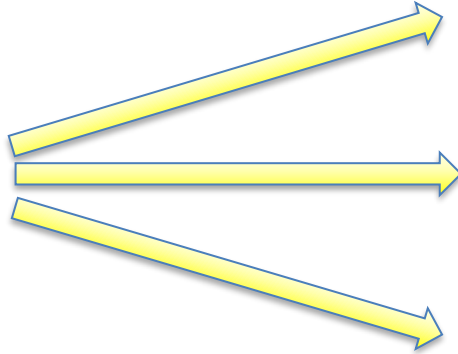
CHARLOTTE COUNTY
FLORIDA

Who am I?

- Water Quality Manager- New position as of March 2021
- Goals:
 - Creation of water quality monitoring strategy
 - Coordination of water quality management/improvement plan
 - Review and input into WQ issues managed by county departments
 - Information gathering/reporting of WQ issues to the BOCC

How Did We Get Here?

BOLD GOAL:
Implement One Charlotte,
One Water management
plan before end of
FY2023



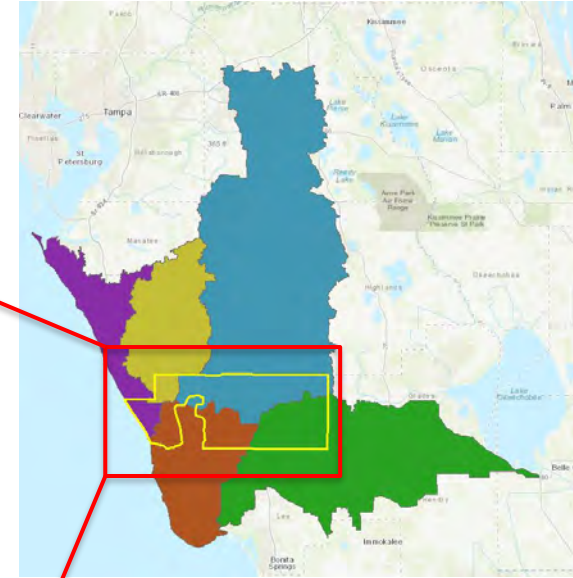
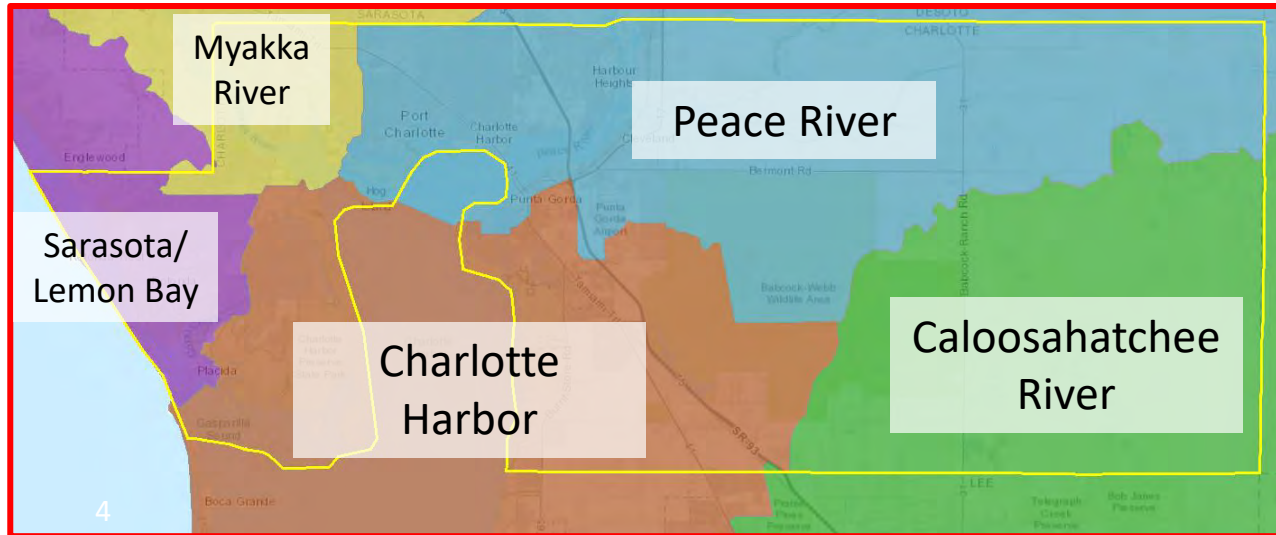
Implementation of County Water Quality
Monitoring Strategy

Publish GIS Map and Reporting Tool

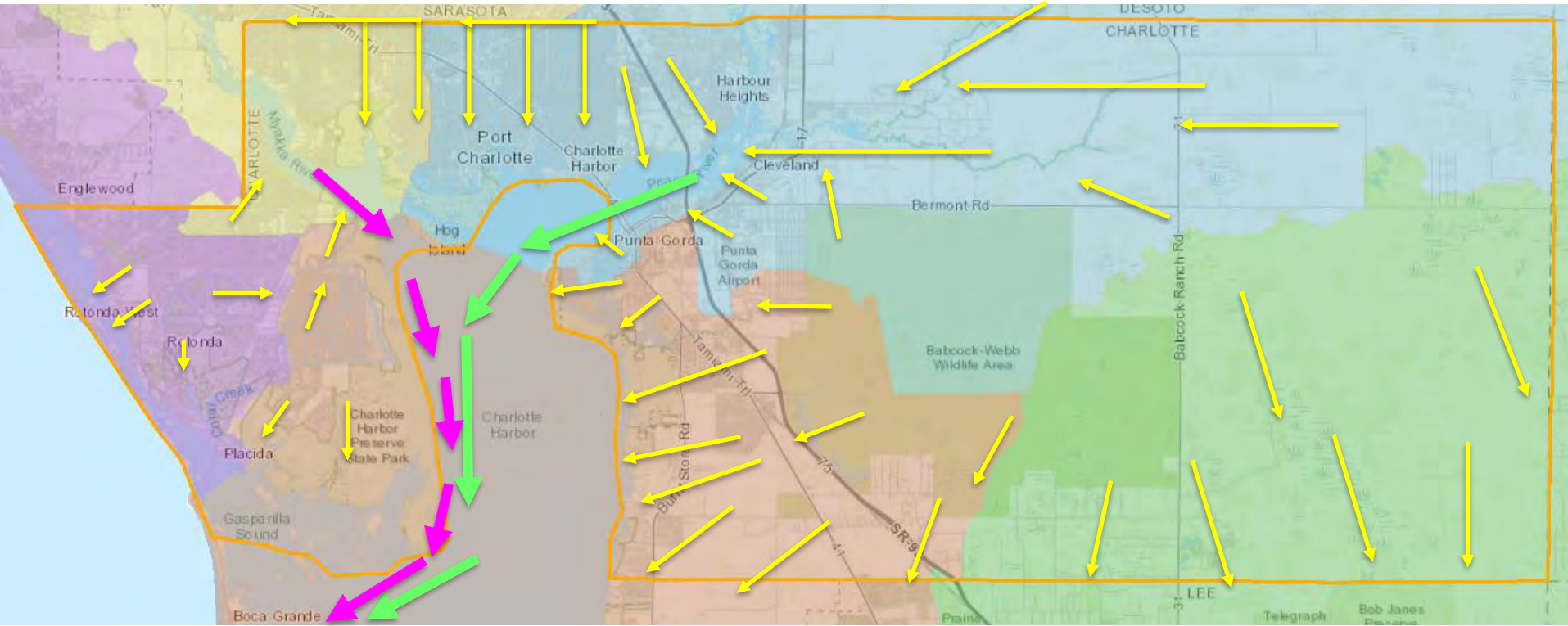
Develop Draft One Charlotte, One Water
Plan



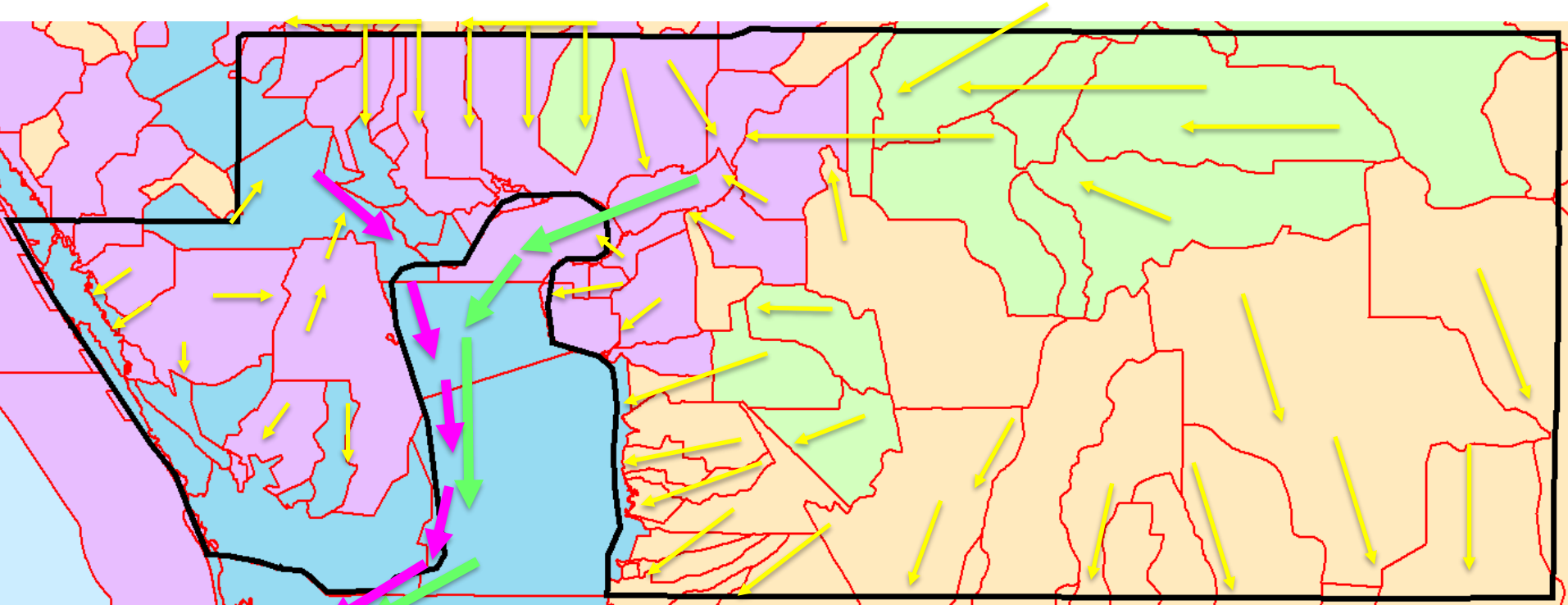
Drainage Basin Overview



Drainage Basin Overview



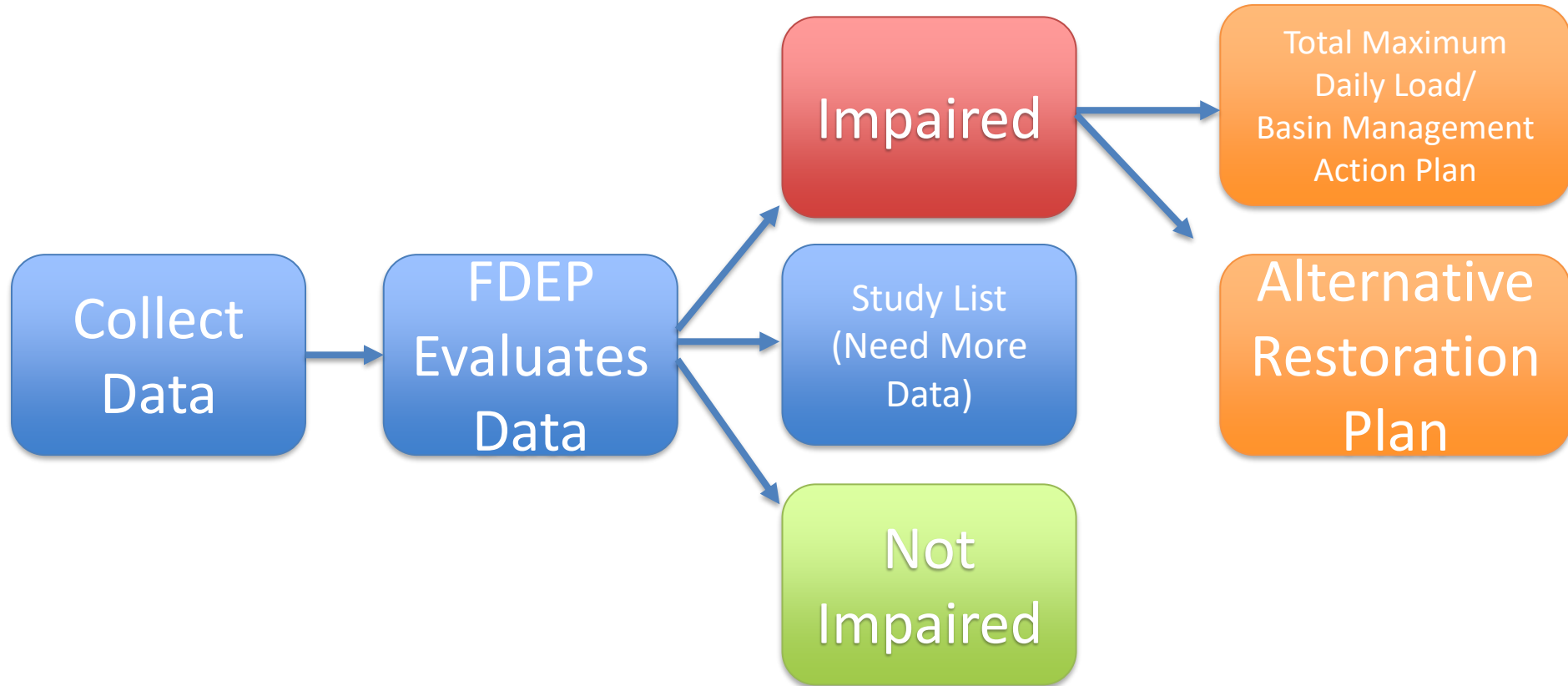
Water Body Assessment Process



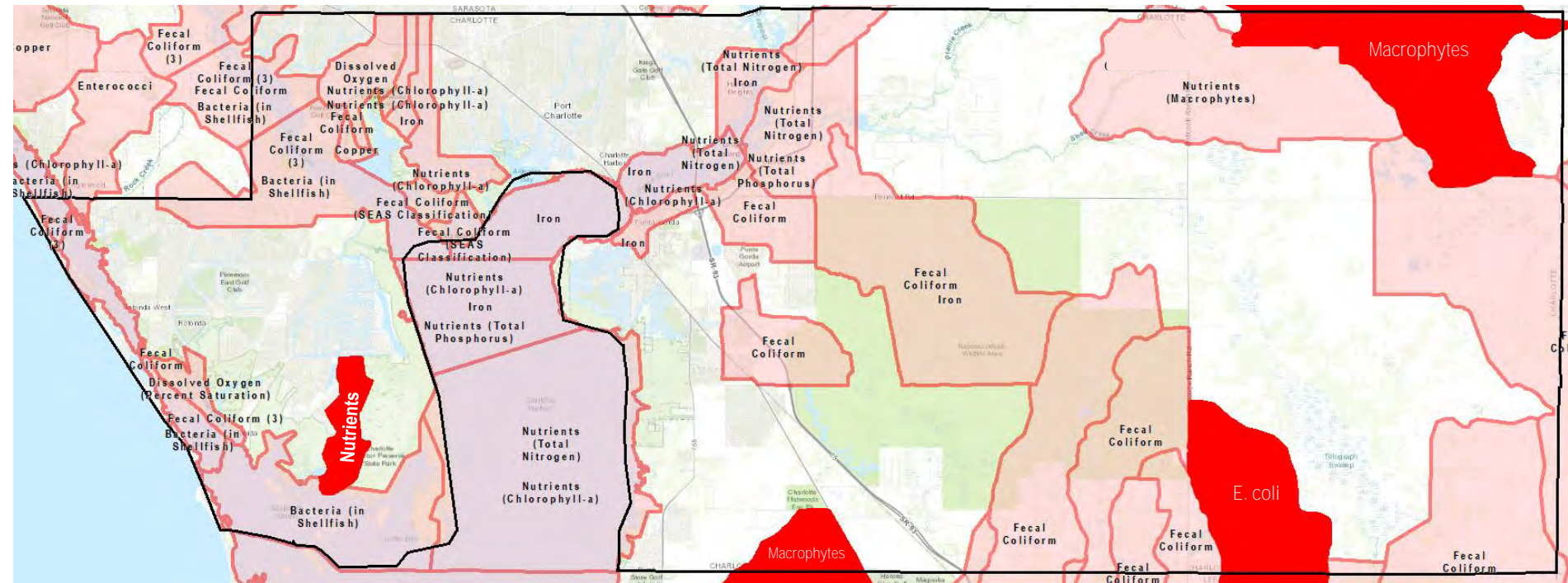
Class 1 (Potable)
Class 2 (Shellfish)

Class 3F (Fish Consumption)
Class 3M (Fish Consumption)

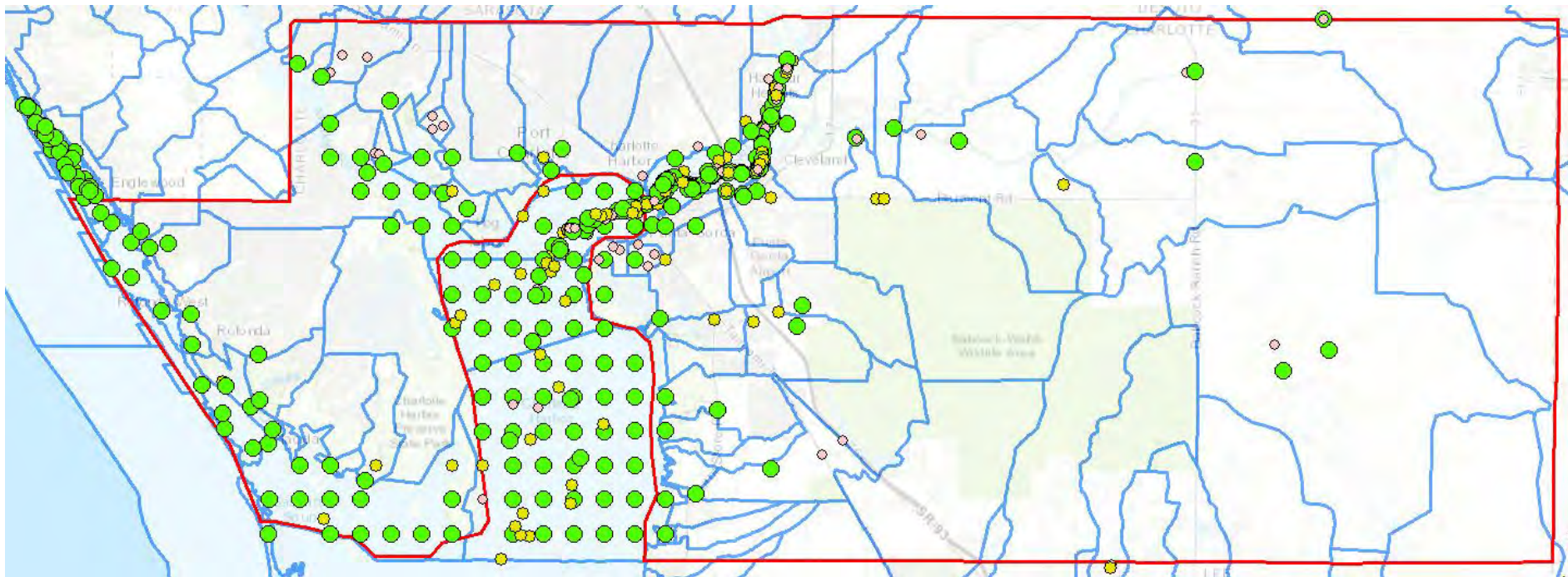
Water Body Assessment Process



Water Quality: Impaired Waterbodies



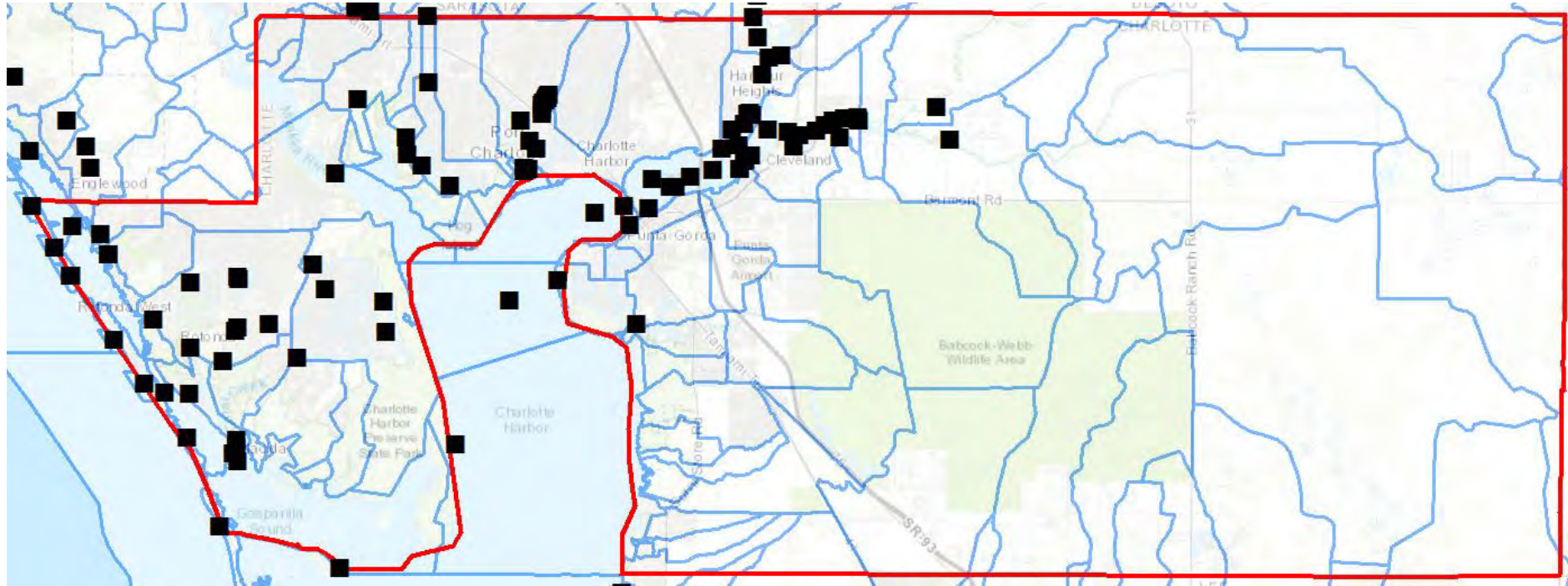
Recent Sampling in Charlotte County



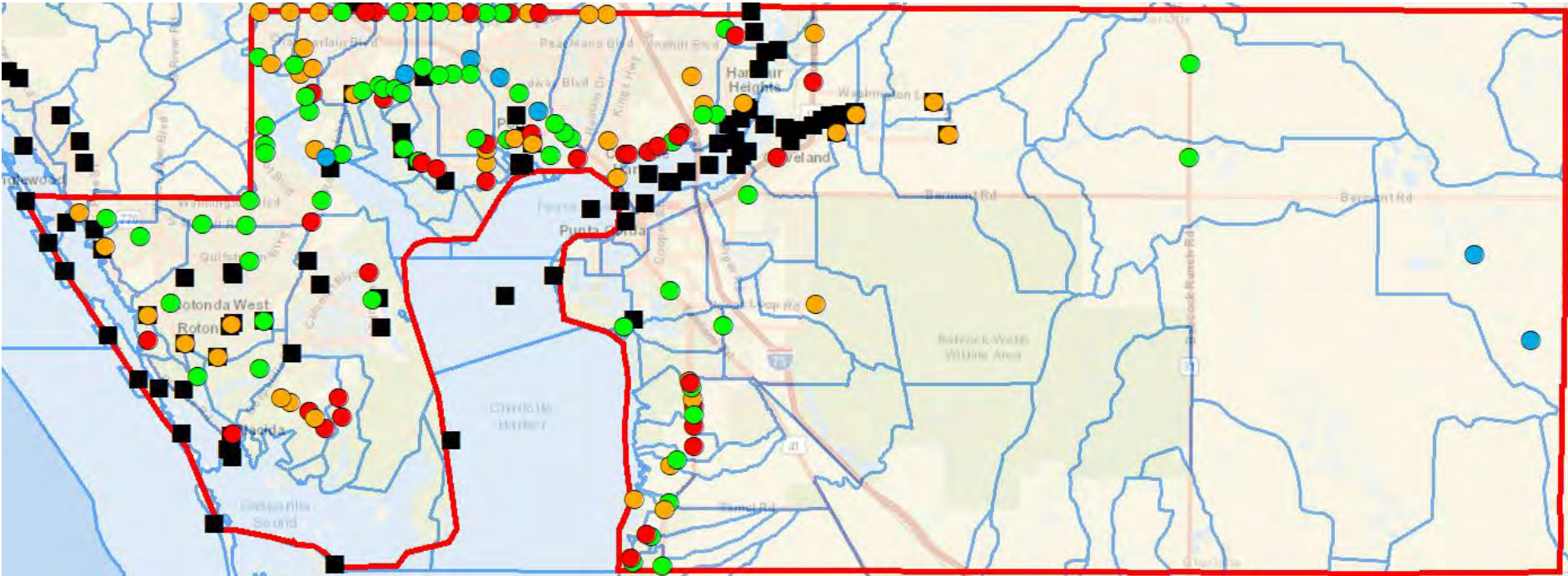
● 2009-2014 ● 2015-2017 ● 2018-2020



Ongoing Monitoring



Charlotte County Monitoring Strategy



WQ Monitoring Goals

- Determine impairment status of waters in Charlotte County
- Determine potential sources of pollution contribution to Charlotte Harbor
- Identify opportunities for pollution reduction

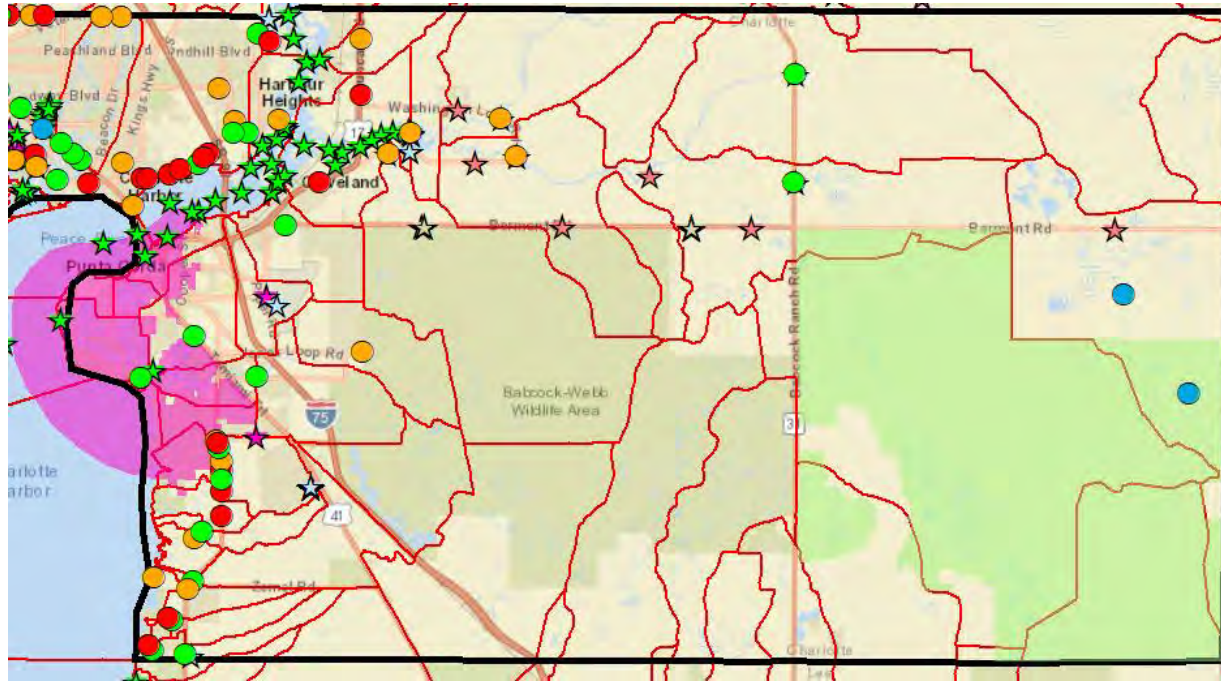
Sample Collection Summary

Monthly grab samples collected and analyzed for:

- Total Phosphorus
- OPO4
- NH3/NH4
- NOx
- TKN
- Chlorophyll-a
- Color
- Turbidity
- Total Suspended/Dissolved Solids
- pH
- DO (mg/L and % Sat)
- Specific Conductance/Salinity
- Temperature
- Bacteria (either E. coli or enterococci)

*Other analyses can be collected if warranted.

Charlotte County Monitoring- South County



Proposed Sites:

- High Priority
- Medium Priority
- Low Priority
- Pending Assessment

Existing Efforts:

- ★ Surface Water Quality Monitoring
- ★ Groundwater Quality
- ★ Surface Water Hydrology
- ★ Groundwater Elevation
- ★ Precipitation Monitoring

Available Budget: \$75,000

Max # Sites: 15-18

Current # High Priority: 12

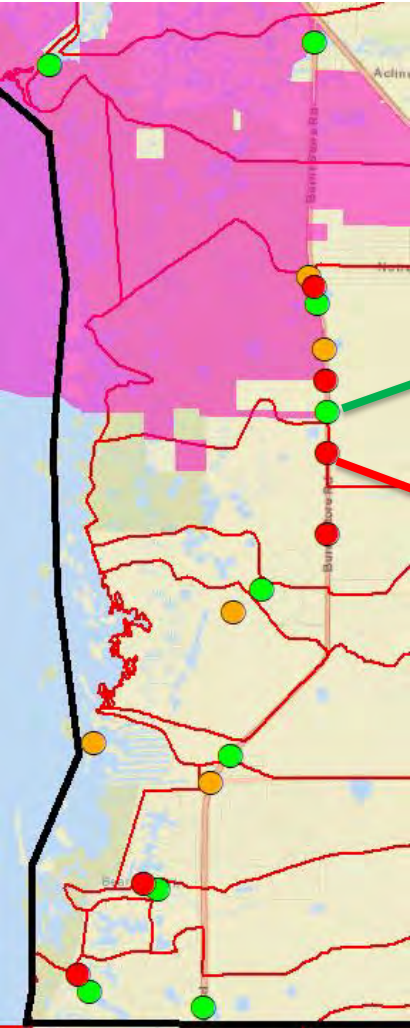
Goals:

- Monitor water discharging into Charlotte Harbor and the Caloosahatchee
- Characterize WQ within WBIDs of South County





Obstacles:

- Site Access

Monitoring at Burnt Store



Proposed Sites:

-  High Priority
-  Medium Priority
-  Low Priority
-  Pending Assessment

Charlotte County Monitoring- West County

Available Budget: \$82,000

Max # Sites: 20-23

Current # High Priority: 15
(9 Med Priority)

Goals:

- Characterize WQ within WBIDs of West County
- Supplement Existing Efforts(?)

Obstacles:

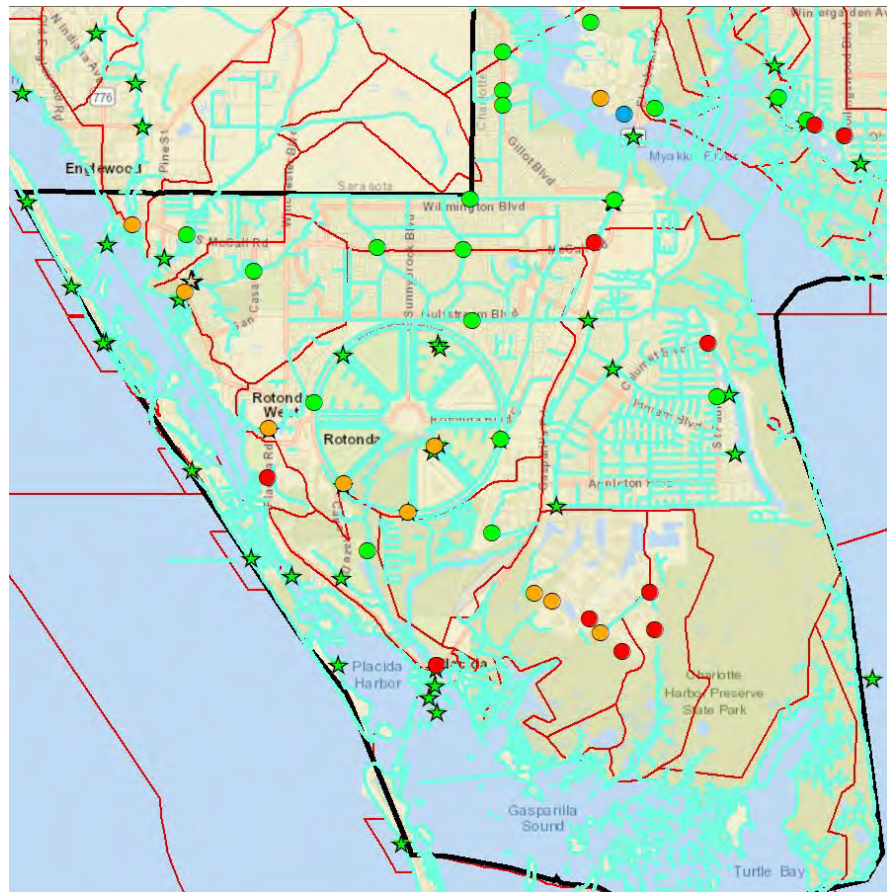
- Tidal /Water Movement

Proposed Sites:

- High Priority
- Medium Priority
- Low Priority
- Pending Assessment

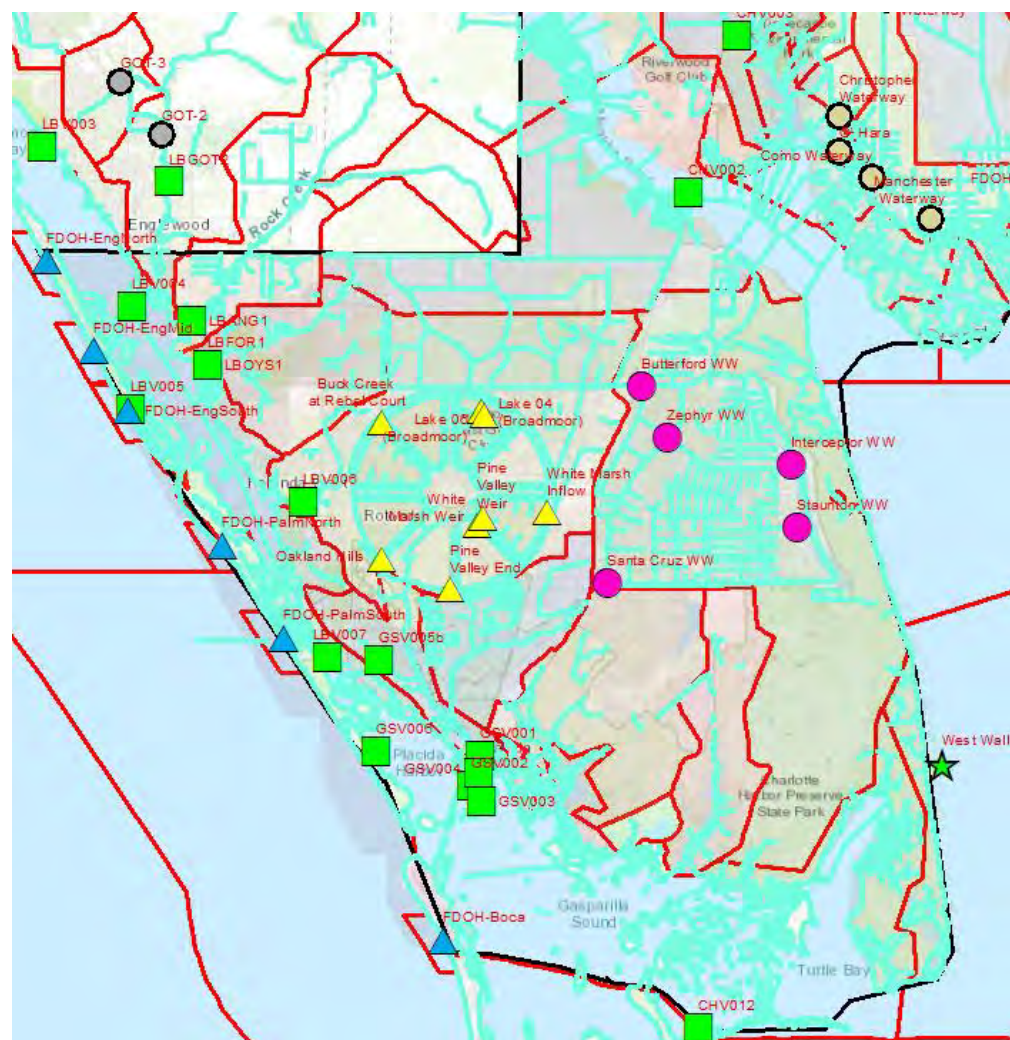
Existing Efforts:

- ★ Surface Water Quality Monitoring
- ★ Groundwater Quality
- ★ Surface Water Hydrology
- ★ Groundwater Elevation
- ★ Precipitation Monitoring



Existing Monitoring- West County

- Charlotte Harbor Aquatic Preserves
- ★ CHAP Continuous Monitoring
- Charlotte County
- ▲ Florida LakeWatch
- ▲ FL Dept. of Health
- Sarasota County



Charlotte County Monitoring- Mid County

Available Budget: \$279,000

Max # Sites: 50

Current # High Priority: 33

Goals:

- Monitor water entering the county from Cocoplum and discharging into Charlotte Harbor
- Characterize WQ within WBIDs of Mid County

Obstacles:

- Sampling Tidal Waters
- Site Access



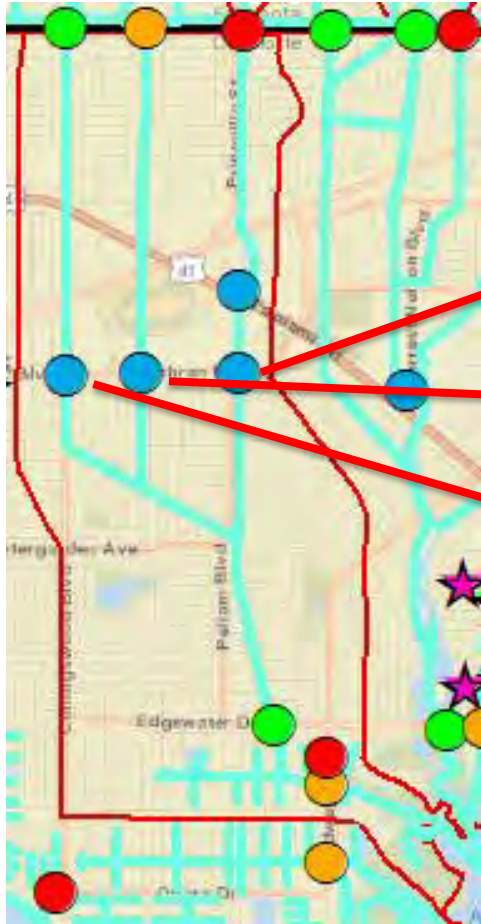
Proposed Sites:

- High Priority
- Medium Priority
- Low Priority
- Pending Assessment

Existing Efforts:

- ★ Surface Water Quality Monitoring
- ★ Groundwater Quality
- ★ Surface Water Hydrology
- ★ Groundwater Elevation
- ★ Precipitation Monitoring

Tidal Monitoring- Mid County



- Proposed Sites:
- High Priority
 - Medium Priority
 - Low Priority
 - Pending Assessment

Charlotte County Monitoring- General Fund

Available Budget: \$50,000

Opportunities:

- Supplement monitoring budget in Stormwater MSBUs
- Allow for as-needed sampling in Harbor or other surface waters
 - Source Tracking
 - Intensive short-term sampling
- Fund equipment in support of monitoring efforts

Monitoring Program- Next Steps

Year One: implement County monitoring program to identify:

- Current WQ conditions
- Potential sources of downstream WQ impairments
- Needed adjustments to the current strategy

Year Two: Use newly-acquired data to identify areas that may require:

- Short term, intensive monitoring
- Acquisition of supporting data (e.g. flow monitoring)
- More locations as part of long-term monitoring program

Water Quality in Charlotte County- Next Steps

- Update map application to allow public to view monitoring data
- Conduct source-tracking exercises associated with known impaired areas, as resources allow
- Engage with stakeholders in development of the One Charlotte, One Water Plan
- Work with stakeholders to develop RAPs or request TMDLs/BMAPs

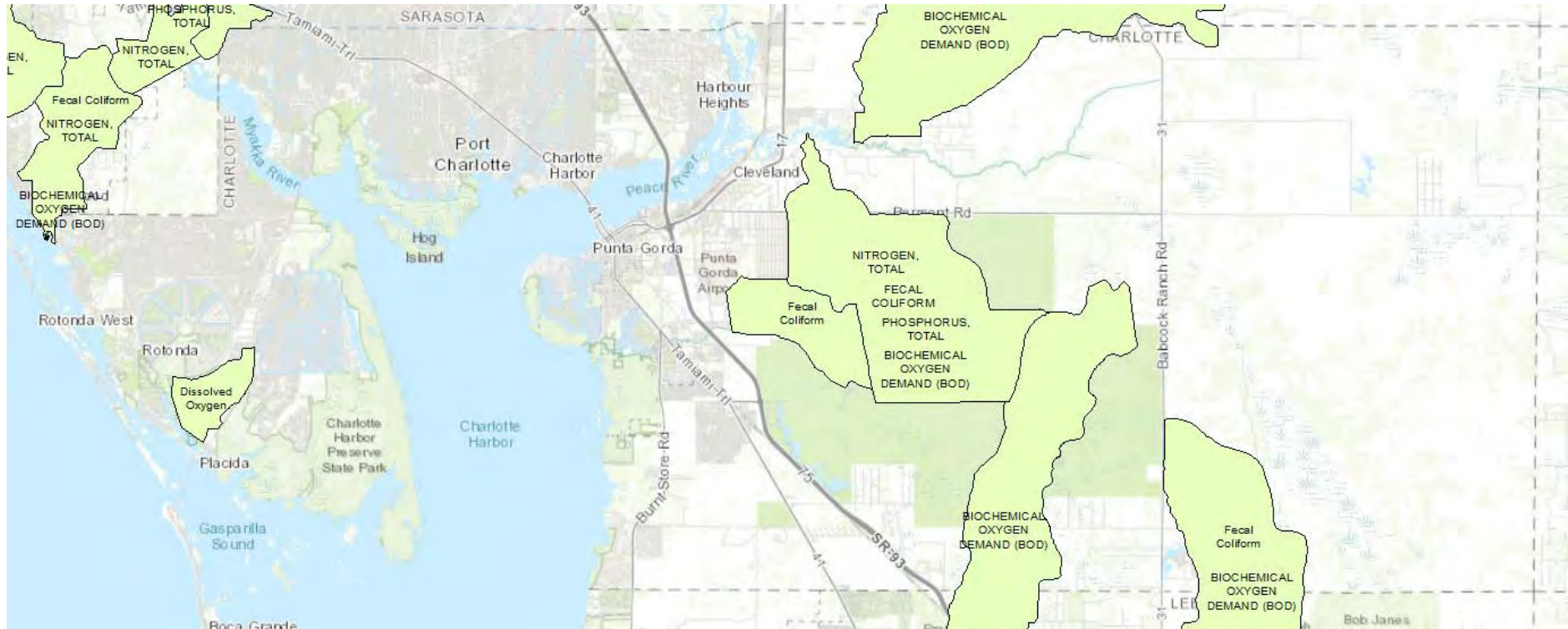
Updates and Additional Information



www.charlottecountyfl.gov/one-charlotte-one-water/

Questions

Water Quality: TMDLs



What You Can Do- Learn And Volunteer



CHNEP: www.chnep.org/get-involved

CHEC: checflorida.org/Volunteer.html

UF IFAS: Charlotte.ifas.ufl.edu

What You Can Do- Landscaping



What You Can Do

Report Fish Kills:

public.myfwc.com/FWRI/FishKillReport/

Report a Spill: 1-800-320-0519

Report an Algal Bloom:

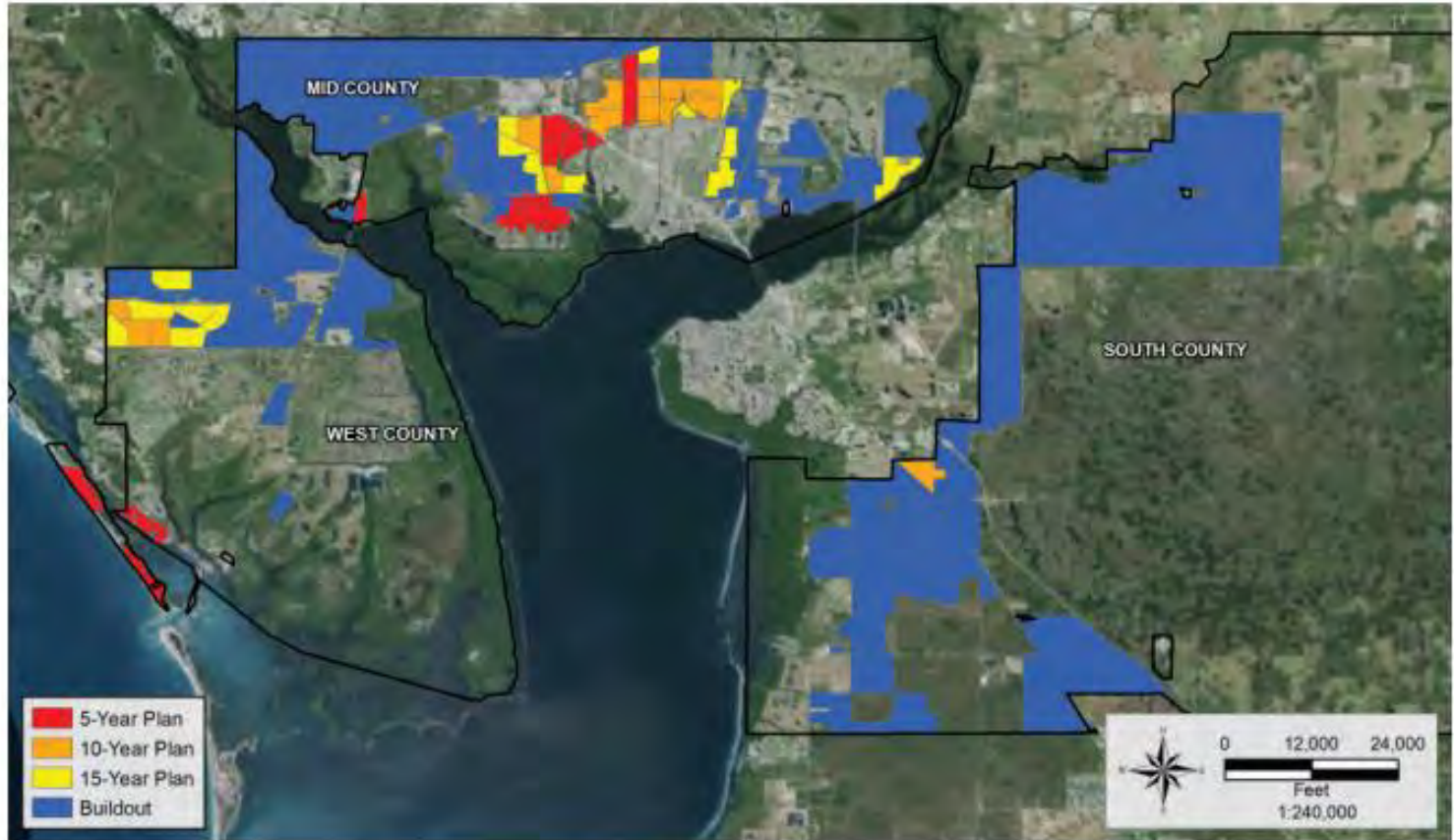
floridadep.gov/AlgalBloom

Report Illegal Dumping:

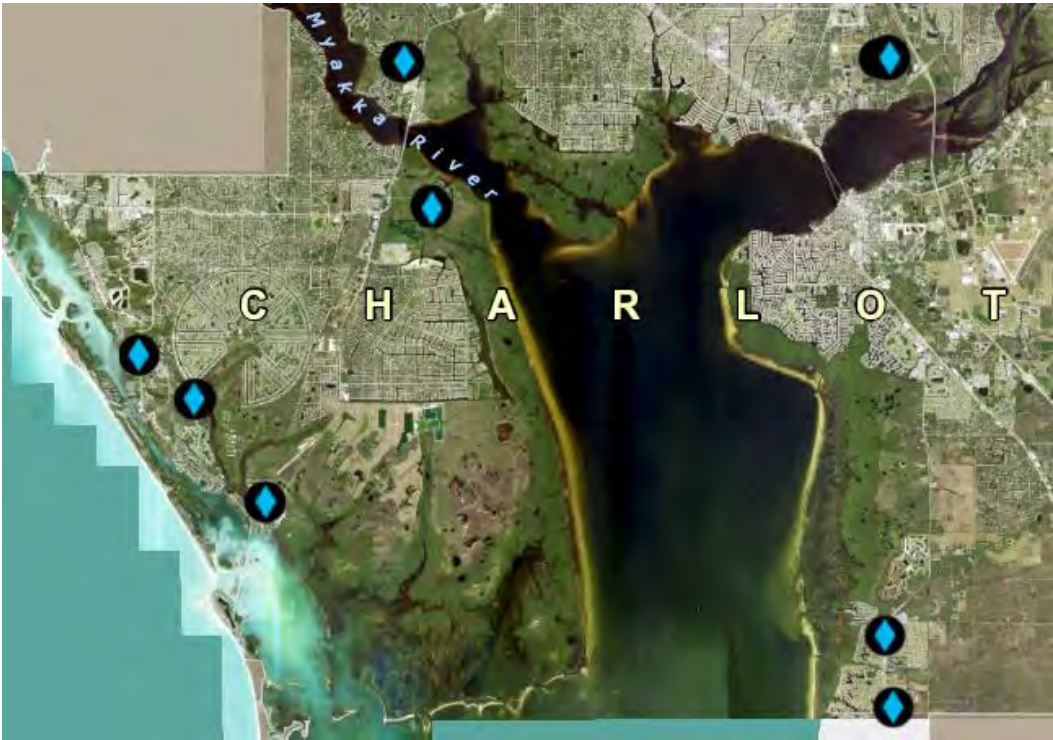
www.charlottecountyfl.gov/departments/public-works/solid-waste/illegal-dumping.shtml



Water Improvement- Septic to Sewer



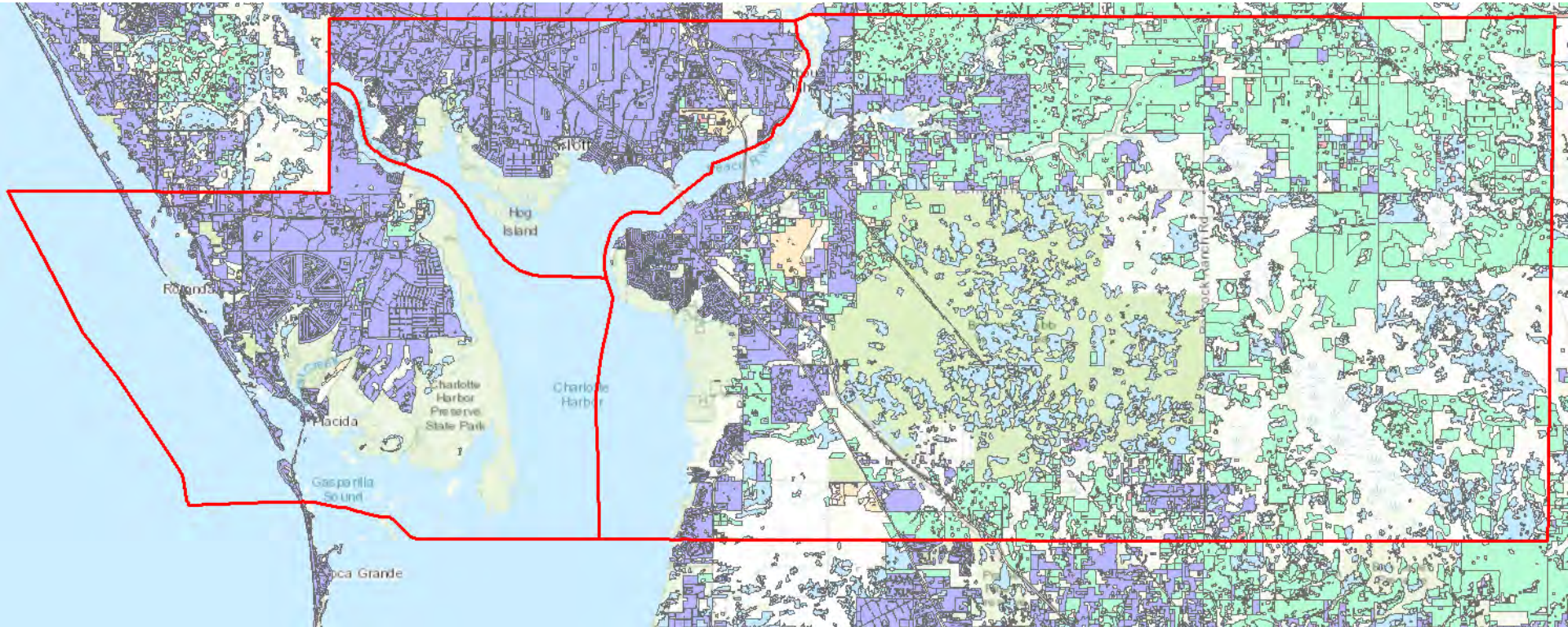
Water Improvement- Reclaimed Water and AWT



Water Improvement- Canal Sediment



Land Use



Urban/Built Up

Transportation
Infrastructure

Agriculture

Rangeland