



# **Undertreated Wastewater Task Force**

Regulatory / Enforcement Committee

## **On-site Sewage Disposal System Proposed Ordinance**

# WHAT IS THE TASK FORCE?

In March of 2022, Parish President Mike Cooper created the Undertreated Wastewater Task Force to address the environmental and public health impacts from the often poorly treated wastewater discharged from on-site sewage disposal systems (OSDS). The Task Force includes stakeholders from State Agencies, Parish Council, Parish Agencies, academia, environmental groups and community groups. The proposed ordinance grew out of the Task Force discussions and the acknowledged need for better management of OSDS.

# GOAL OF THE ORDINANCE

The goal of the OSDS Ordinance is to bring heightened awareness to the public of the need for proper sewage treatment and highlight the need for responsible ownership and operation of these systems. By improving in these two areas, the Parish will improve public health and the environmental conditions that currently impair quality of life and limits economic development.



# St. Tammany Parish On-Site Sewer Systems

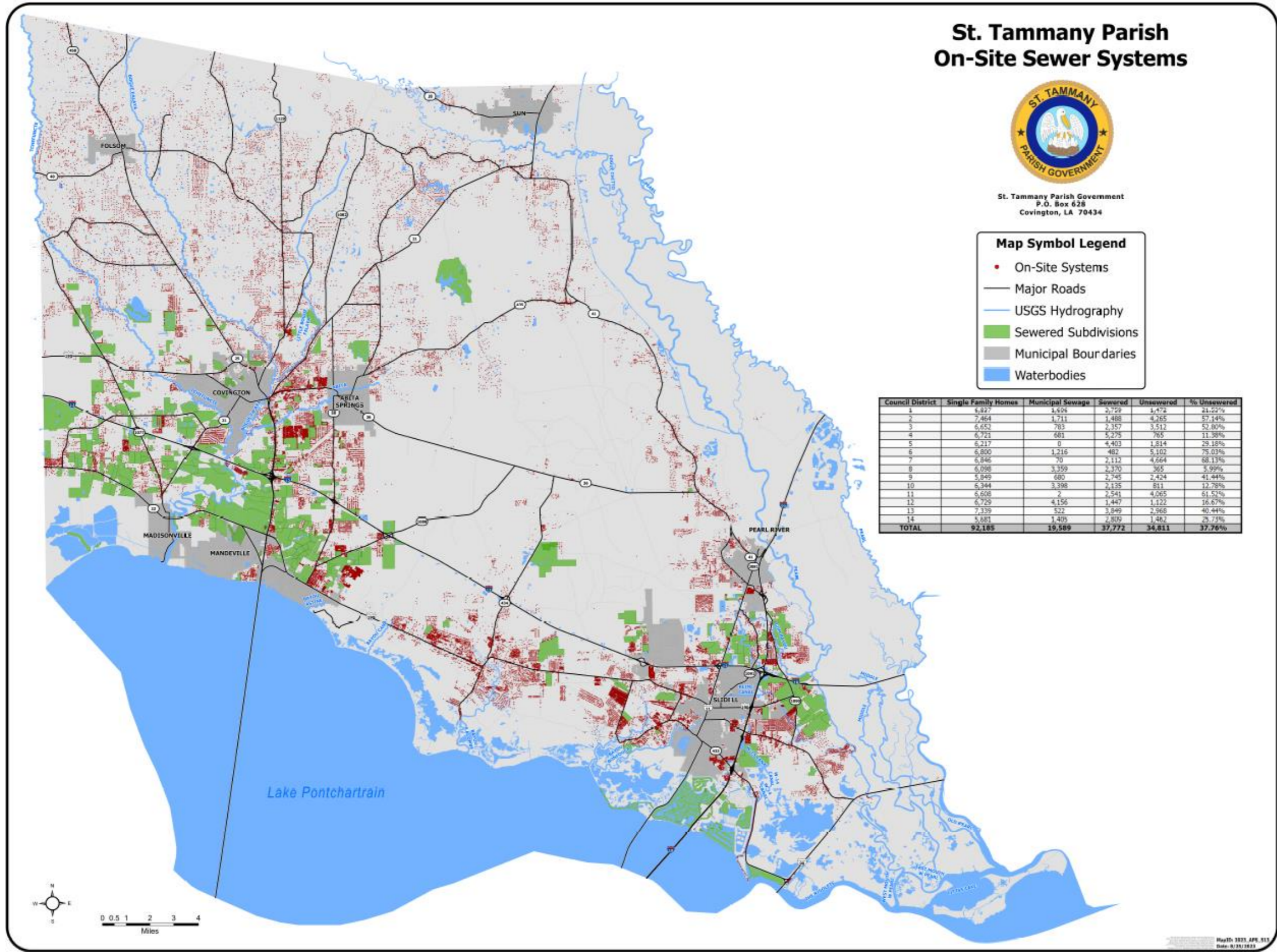


St. Tammany Parish Government  
P.O. Box 628  
Covington, LA 70434

**Map Symbol Legend**

- On-Site Systems
- Major Roads
- USGS Hydrography
- Sewered Subdivisions
- Municipal Bourdaries
- Waterbodies

Council District	Single Family Homes	Municipal Sewage	Sewered	Unsewered	% Unsewered
1	6,827	1,606	2,729	1,472	21.55%
2	7,464	1,711	1,488	4,265	57.14%
3	6,652	783	2,357	3,512	52.80%
4	6,723	683	5,279	785	11.68%
5	5,217	0	4,403	1,514	29.03%
6	6,800	1,216	462	5,102	75.03%
7	5,946	70	2,112	4,264	68.13%
8	6,098	3,359	2,370	365	5.99%
9	5,849	680	2,745	2,424	41.44%
10	6,344	3,398	2,135	811	12.78%
11	6,608	2	2,541	4,065	61.52%
12	6,729	4,156	1,447	1,122	16.67%
13	7,339	522	3,849	2,966	40.44%
14	5,681	1,405	2,809	1,462	25.73%
<b>TOTAL</b>	<b>92,185</b>	<b>19,589</b>	<b>37,772</b>	<b>34,811</b>	<b>37.76%</b>



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Date: 9/25/2023



St. Tammany Parish Government

Council District	Single Family Homes	Sewered	Unsewered	% Unsewered
1	6,837	5,365	1,472	22%
2	7,464	3,199	4,265	57%
3	6,652	3,140	3,512	53%
4	6,721	5,956	765	11%
5	6,217	4,403	1,814	29%
6	6,800	1,698	5,102	75%
7	6,846	2,182	4,664	68%
8	6,098	5,733	365	6%
9	5,849	3,425	2,424	41%
10	6,344	5,533	811	13%
11	6,608	2,543	4,065	62%
12	6,729	5,607	1,122	17%
13	7,339	4,371	2,968	40%
14	5,681	4,219	1,462	26%
<b>TOTAL</b>	<b>92,185</b>	<b>57,374</b>	<b>34,811</b>	<b>38%</b>



# Existing Conditions

- STP Population of 264,570 (2020 census)
- Approximately 92,000 Total Households
- Approximately 35,000 On-site Sewage Disposal Systems (OSDS)
  - Approximately 40% of Total Households
  - Generates approximately 14,000,000 gallons of wastewater per day
    - With 50% failure rate, approximately 7,000,000 gallons per day of poorly treated wastewater
- 200 miles of Impaired Waterbodies (not including tributaries) Associated with Poor Sewage Treatment
  - Black River
  - Tchefuncte River (and tributaries)
  - Bogue Falaya River
  - Bayou Cane
  - Bayou Lacombe
  - Bayou Paquet
  - Bayou Liberty
  - Bayou Bonfouca
  - Grand Lagoon
  - W-14 Canal
  - Salt Bayou
- Suspected Causes For Impairment
  - Dissolved Oxygen
  - Fecal Coliform (sewage indicator)
  - Enterococcus (sewage indicator)
- Potential for LDEQ to Deny Requests for LPDES Discharge Permits (TMDLs)
  - Businesses
  - Large Developments
- Sewage Discharges to Ditches Exacerbate Mosquito-Transmitted Disease (W. Nile Virus)
  - 600 Miles of Sewage Polluted Ditches are Larvicided Weekly by STP Mosquito Abatement



Appendix G:  
Corrected Final Louisiana's 2022 Section 303(d) List  
August 19, 2022

Water Body Types: R = River; L = Lake; E = Estuarine; W = Wetland; C = Coastal Water  
 Water Body Size: R = Miles; L = Acres; E = Square Miles; W = Acres; C = Miles  
 Designated Use: PCR = Primary Contact Recreation (swimming)  
 Description: PCR = Secondary Contact Recreation (boating)  
 FWP = Fish and Wildlife Propagation (fishing)  
 DWS = Drinking Water Supply  
 ONR = Outstanding Natural Resource  
 OYS = Oyster Propagation  
 AGR = Agriculture  
 LAL = Limited Aquatic Life and Wildlife

Description of Codes and Acronyms:  
 Use Support Codes for Designated Uses: F = Fully supporting designated use  
 N = Not supporting designated use  
 I = Insufficient data to make reliable determination  
 X = No data

IR Category for Suspected Causes: SRC 1 = 303(d) List  
 SRC 5-AK = 303(d) List but LDFQ will implement alternative corrective strategies  
 SRC 5C = 303(d) List but other revisions (Revise Criteria (RC)) are planned

Subsegment Number	Subsegment Description	Water Body Type	Size	Designated Water Body Use										Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment	
				FWS	DWS	PCR	FWP	ONR	OYS	AGR	LAL								
LAD0705_00	Indigo Creek-From headwaters to Tangipahoa River	R	11	F	F	N	N								FWP	DISSOLVED OXYGEN	SRC 5	L	SOURCE UNKNOWN
LAD0801_00	Tchoufoute River-From headwaters to US Highway 190; includes Ebriatain (Isonic)	R	52	N	F	N	N								PCR	FECAL COLIFORM	SRC 5	L	SEWAGE DISCHARGES IN UNSERVED AREAS
LAD0803_00	Tchoufoute River-From La. Highway 22 to Lake Pontchartrain (Estuarine)	R	2.5	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	SOURCE UNKNOWN
LAD0804_00	Bogou Falgout River-From headwaters to Tchoufoute River (Isonic)	R	31	N	F	N	N								PCR	FECAL COLIFORM	SRC 5	L	SOURCE UNKNOWN
LAD0809_00	Black River-From headwaters to La. Highway 22	R	42	N	F	N	N								FWP	DISSOLVED OXYGEN	SRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LAD0809_00	Black River-From headwaters to La. Highway 22	R	42	N	F	N	N								PCR	FECAL COLIFORM	SRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LAD0901_00	Bayou LaCrosse-From headwaters to Interstate Highway 12 (Isonic)	R	16	N	F	N	N								PCR	FECAL COLIFORM	SRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LAD0901_00	Bayou LaCrosse-From headwaters to Interstate Highway 12 (Isonic)	R	16	N	F	N	N								PCR	FECAL COLIFORM	SRC 5	L	WILDLIFE OTHER THAN WATERFOWL
LAD0902_00	Bayou LaCrosse-From CDM Ecotone boundary to Lake Pontchartrain (Isonic) (Estuarine)	R	2.8	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LAD0904_00	Bayou Case-From CDM Ecotone boundary to Lake Pontchartrain (Isonic) (Estuarine)	R	0.7	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	SOURCE UNKNOWN
LAD0905_00	Bayou Liberty-From headwaters to LMRAP Ecotone boundary	R	5.8	N	F	N	N								PCR	FECAL COLIFORM	SRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LAD0905_00	Bayou Liberty-From headwaters to LMRAP Ecotone boundary	R	5.8	N	F	N	N								PCR	FECAL COLIFORM	SRC 5	L	WILDLIFE OTHER THAN WATERFOWL
LAD0906_00	Bayou Liberty-From La. Highway 433 to Bayou Boeufcau, includes Bayou de Chien (Estuarine)	R	1.8	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	MAINTENANCE OF SANITARY OVERFLOW DISCHARGES
LAD0906_00	Bayou Liberty-From La. Highway 433 to Bayou Boeufcau, includes Bayou de Chien (Estuarine)	R	1.8	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LAD0906_00	Bayou Liberty-From La. Highway 433 to Bayou Boeufcau, includes Bayou de Chien (Estuarine)	R	1.8	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LAD0908_00	Bayou Boeufcau-From CDM Ecotone boundary to Lake Pontchartrain (Estuarine)	R	3.7	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LAD0908_00	Bayou Boeufcau-From CDM Ecotone boundary to Lake Pontchartrain (Estuarine)	R	3.7	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LAD0909_00	W-14 Main Diversion Canal-From headwaters to Salt Bayou	R	6.3	N	F	N	N								FWP	DISSOLVED OXYGEN	SRC 5	L	MUNICIPAL POINT SOURCE DISCHARGES
LAD0909_00	W-14 Main Diversion Canal-From headwaters to Salt Bayou	R	6.3	N	F	N	N								FWP	DISSOLVED OXYGEN	SRC 5	L	SANITARY SEWER OVERFLOWS (COLLECTION SYSTEM FAILURES)
LAD0910_00	Salt Bayou-From headwaters to Lake Pontchartrain (Estuarine)	R	5.1	N	F	N	N								FWP	DISSOLVED OXYGEN	SRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LAD0910_00	Salt Bayou-From headwaters to Lake Pontchartrain (Estuarine)	R	5.1	N	F	N	N								FWP	DISSOLVED OXYGEN	SRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LAD0910_00	Salt Bayou-From headwaters to Lake Pontchartrain (Estuarine)	R	5.1	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LAD0910_00	Salt Bayou-From headwaters to Lake Pontchartrain (Estuarine)	R	5.1	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LAD0911_00	Grand Lagou; includes associated canals (Estuarine)	R	22	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	SOURCE UNKNOWN
LAD0913_00	Bayou LaCrosse-From US Highway 190 to CDM Ecotone boundary (Isonic) (Estuarine)	R	4.8	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LAD0914_00	Bayou Case-From US Highway 190 to CDM Ecotone boundary (Isonic) (Estuarine)	R	1.8	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	WILDLIFE OTHER THAN WATERFOWL
LAD0915_00	Bayou Liberty-From LMRAP Ecotone boundary to La. Highway 433	R	5.4	N	F	N	N								PCR	FECAL COLIFORM	SRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LAD0916_00	Bayou Paquet-From headwaters to Bayou Liberty (Estuarine)	R	5.1	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LAD0916_00	Bayou Paquet-From headwaters to Bayou Liberty (Estuarine)	R	5.1	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LAD0917_00	Bayou Boeufcau-From La. Highway 433 to CDM Ecotone boundary (Estuarine)	R	2.7	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LAD0917_00	Bayou Boeufcau-From La. Highway 433 to CDM Ecotone boundary (Estuarine)	R	2.7	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	PACKAGE PLANT OR OTHER PERMITTED SMALL FLOWS DISCHARGES
LAD1001_00	Lake Pontchartrain-West of US Highway 11 bridge (Estuarine)	E	594	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	SOURCE UNKNOWN
LAD1001_001	Fontainebleau State Park Beach-Located within subsegment LAD1001_00. This unit is added for advisory tracking purposes only and is not a subsegment as defined by LAC 33:IX.1123.A. et seq. No other assessment is made for this waterbody.	C	0.1	N											PCR	ENTEROCOCCUS	SRC 5	L	SOURCE UNKNOWN
LAD1002_00	Lake Pontchartrain-East of US Highway 11 bridge (Estuarine)	E	46	N	F	N	N								PCR	ENTEROCOCCUS	SRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)

# St. Tammany 303.d List of Impaired Waterbodies

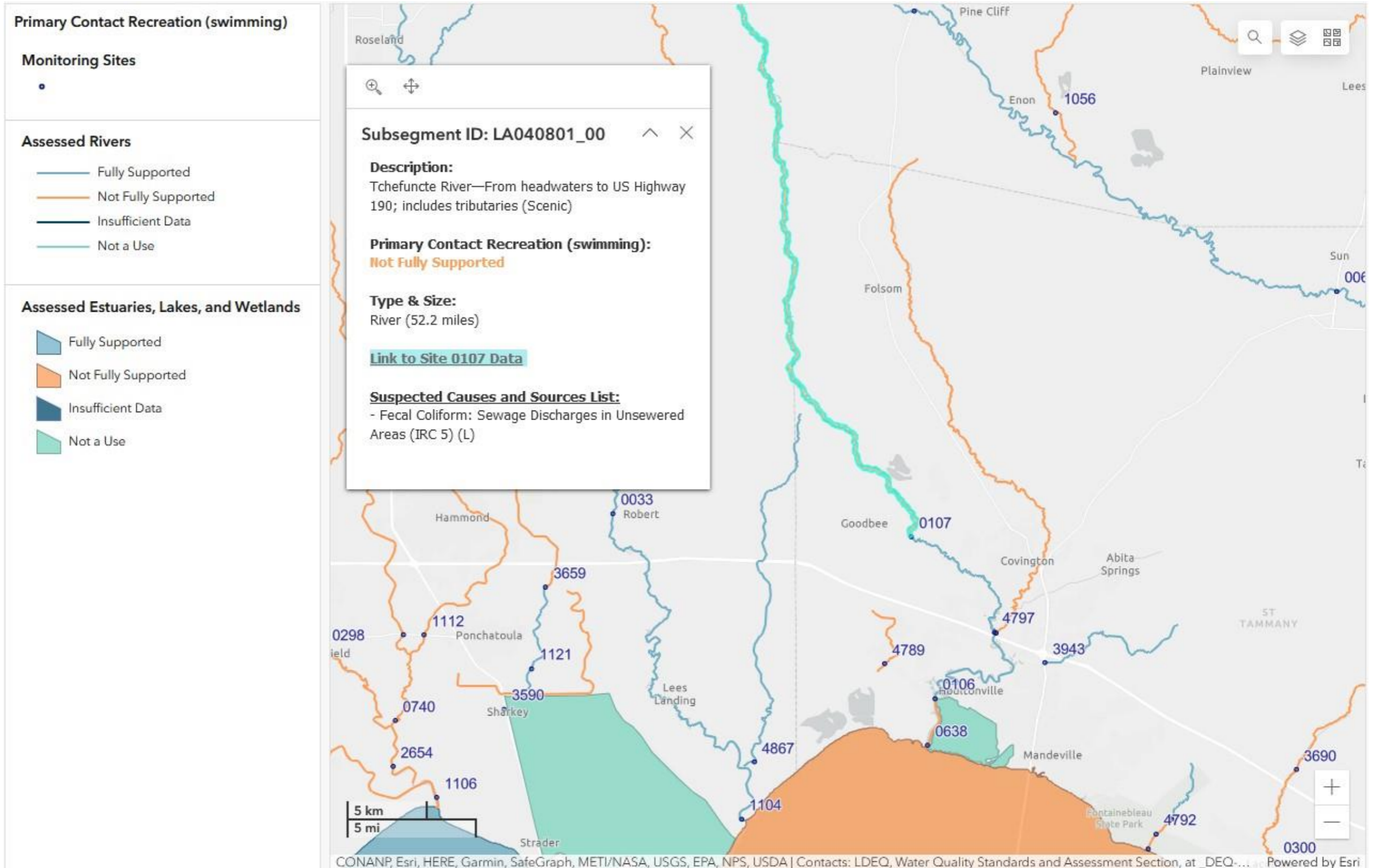


# St. Tammany 303.d List Impaired Waterbodies

Subsegment Number	Subsegment Description	Water Body Type	Size	Designated Water Body Uses								Impaired Use for Suspected Cause	Suspected Causes of Impairment	IR Category for Suspected Causes	TMDL Priority	Suspected Sources of Impairment	
				PCR	SCR	FWP	DWS	ONR	OYS	AGR	LAL						
LA040705_00	Bedico Creek-From headwaters to Tangipahoa River	R	18	F	F	N							FWP	DISSOLVED OXYGEN	IRC 5	L	SOURCE UNKNOWN
LA040801_00	Tchefuncte River-From headwaters to US Highway 190; includes tributaries (Scenic)	R	52	N	F	N		N					PCR	FECAL COLIFORM	IRC 5	L	SEWAGE DISCHARGES IN UNSEWERED AREAS
LA040803_00	Tchefuncte River-From La. Highway 22 to Lake Pontchartrain (Estuarine)	R	2.1	N	F	N							PCR	ENTEROCOCCUS	IRC 5	L	SOURCE UNKNOWN
LA040804_00	Bogue Falaya River-From headwaters to Tchefuncte River (Scenic)	R	31	N	F	N		F					PCR	FECAL COLIFORM	IRC 5	L	SOURCE UNKNOWN
LA040809_00	Black River-From headwaters to La. Highway 22	R	4.0	N	F	N							FWP	DISSOLVED OXYGEN	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040809_00	Black River-From headwaters to La. Highway 22	R	4.0	N	F	N							PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040901_00	Bayou LaCombe-From headwaters to Interstate Highway 12 (Scenic)	R	16	N	F	N		F					PCR	FECAL COLIFORM	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)
LA040901_00	Bayou LaCombe-From headwaters to Interstate Highway 12 (Scenic)	R	16	N	F	N		F					PCR	FECAL COLIFORM	IRC 5	L	WILDLIFE OTHER THAN WATERFOWL
LA040902_00	Bayou LaCombe-From CDM Ecoregion boundary to Lake Pontchartrain (Scenic) (Estuarine)	R	2.8	N	F	F		F					PCR	ENTEROCOCCUS	IRC 5	L	ON-SITE TREATMENT SYSTEMS (SEPTIC SYSTEMS AND SIMILAR DECENTRALIZED SYSTEMS)

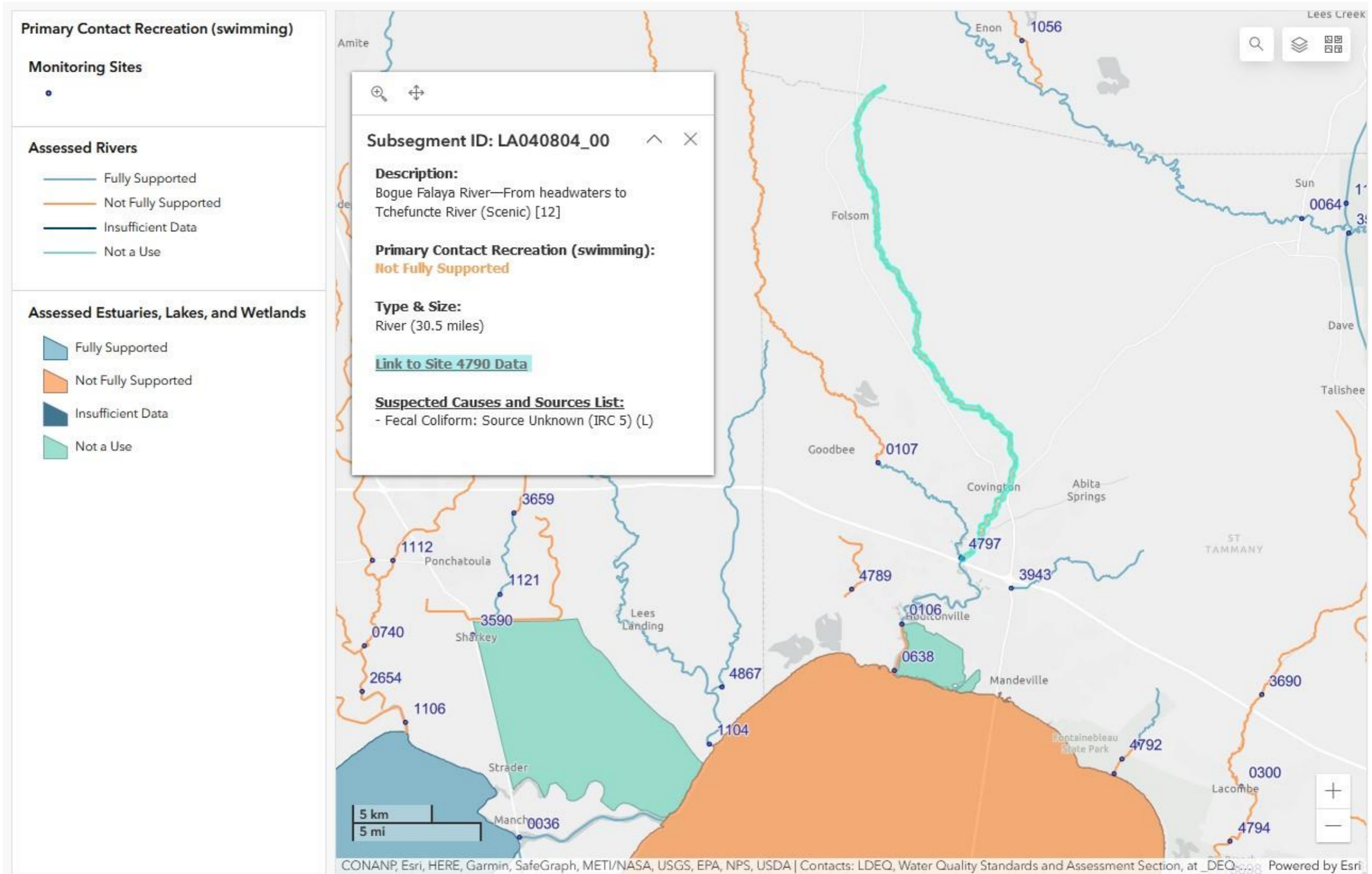


# Tchefuncte River

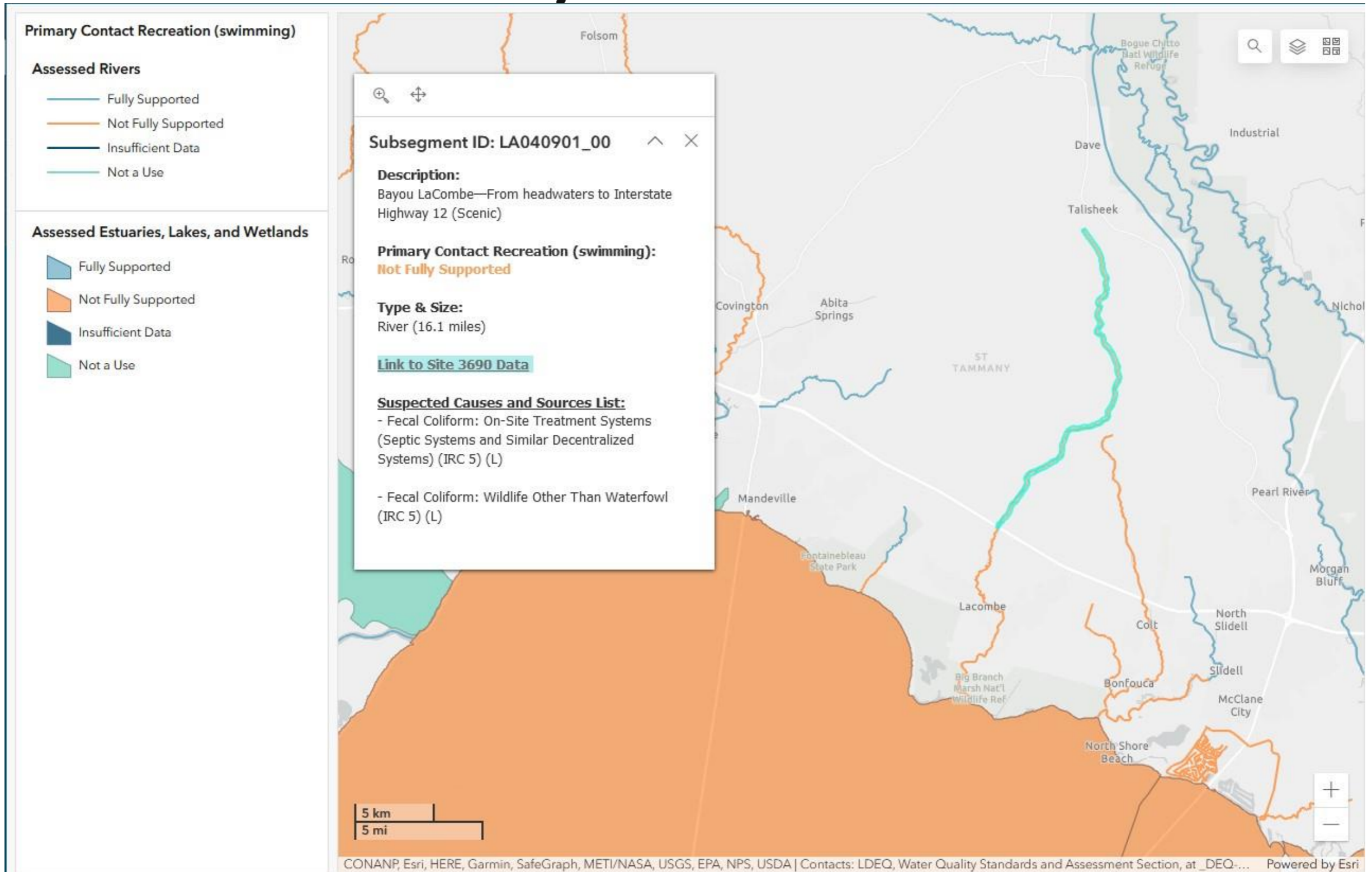




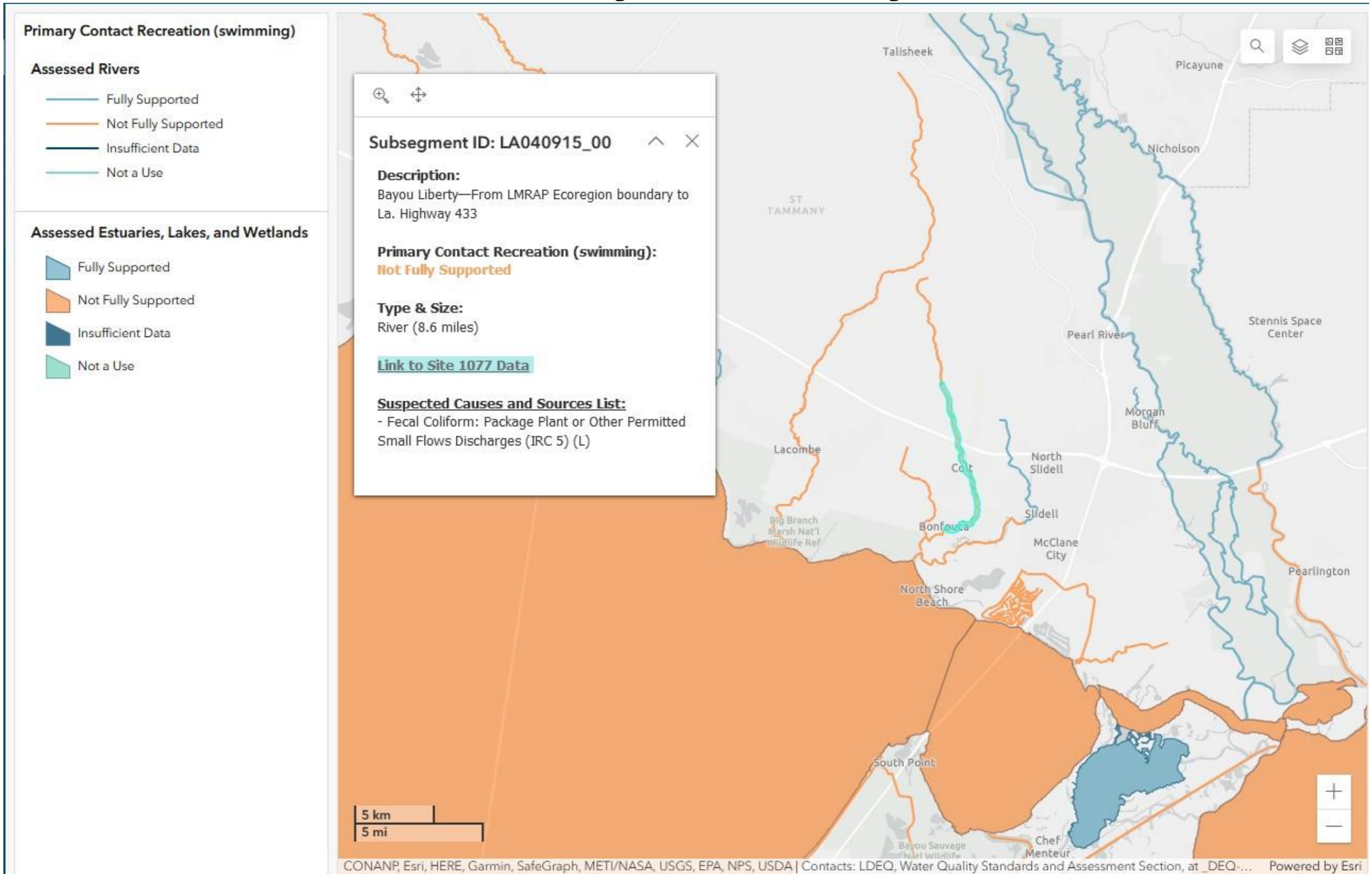
# Bogue Falaya River



# Bayou Lacombe



# Bayou Liberty



JOHN BEL EDWARDS  
GOVERNOR



CHUCK CARR BROWN, PH.D.  
SECRETARY

State of Louisiana  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
ENVIRONMENTAL SERVICES

FEB 03 2023

AI No.: [REDACTED]  
Activity No.: [REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]  
Mandeville, LA 70471

Subject: LDEQ Response to Request for Preliminary Determination - [REDACTED]

Dear Mr. [REDACTED]:

The Louisiana Department of Environmental Quality (LDEQ) is in receipt of your Request for Preliminary Determination on January 4, 2023, regarding the potential issuance of a Louisiana Pollutant Discharge Elimination System (LPDES) permit for a sanitary wastewater treatment system for a warehouse/office located at on [REDACTED] Mandeville, St. Tammany Parish, Louisiana. Based on the information provided in your request, a sanitary wastewater treatment system is planned to serve the warehouse/office. An anticipated discharge of 300 gallons of treated sanitary wastewater per day is expected from this treatment facility. The discharge route will be into unnamed drainage ditch, thence into Ponchitawala Creek, thence into the Tchefuncte River in Subsegment 040807 of the Lake Pontchartrain Basin.

Subsegment 040807, Tchefuncte River from US Highway 190 to Bogue Falaya River, includes tributaries, is listed in the 2022 Final Integrated Report as not meeting all its designated uses, the suspected cause is low dissolved oxygen. LDEQ has completed the *Lower Tchefuncte River Watershed TMDL for Biochemical Oxygen-Demanding Substances - Phase 1* to address low dissolved oxygen. In accordance with LAC 33:IX.2317.A.9, LPDES permits may not be issued to a new source or new discharger in a subsegment which does not meet applicable water quality standards if the discharge has the reasonable potential to cause or contribute to the violation of water quality standards. Therefore, should the LDEQ issue an LPDES permit for this discharge, effluent limitations will be set at levels to ensure no impacts to the water quality standards.

In general, LDEQ does not intend to permit additional discharges of oxygen demanding loads. However, in the event that one the following requirements can be attained, LDEQ may permit the new discharge. Such new facilities may be required to submit an environmental impact assessment to LDEQ's permitting staff, which will conduct a thorough evaluation of the proposed facility based on environmental impacts, economic benefits, an analysis of alternatives, and other pertinent factors.

# Development Impact LDEQ Discharge Permits

...Tchefuncte River from US Highway 190 to Bogue Falaya River...is listed in the 2022 Final Integrated Report as not meeting all its designated uses, the suspected cause is low dissolved oxygen.

...LPDES permits may not be issued to a new source or new discharge in a subsegment which does not meet applicable water quality standards...

In general, LDEQ does not intend to permit additional discharges of oxygen demanding loads.



# Current Program

## Sewer Inspection Permits

- Driven by property transactions and transfer of electrical service
- The inspection fee is \$100
- Inspections began 2003
  - ~ 14 SIP inspections are conducted each day
  - ~ 2,000 each year
- Approximately 47% of Initial Inspections Fail
- Most common reasons for failure:
  - Needs to be pumped out
  - Aerator not working
  - Unpermitted
  - Structural Issue
- Financial assistance is offered to qualified residents through the Parish's Grants Department



# Proposed Program

## On-Site Sewage Disposal System Inspections

- Residents that are currently connected to a community sewage system are not subject to this ordinance
- Residents in unincorporated St. Tammany Parish will be required to have their OSDS inspected by the Department of Environmental Services every 3 years
  - The inspection fee will remain at \$100
- Systems that pass will be issued a Certificate of Compliance that is valid for 3 years
- Systems will be inspected to confirm they are a functioning sewage treatment system
- Most common expected reasons for failure:
  - Needs to be pumped out
  - Aerator not working
  - Structural Issue



# Proposed Program On-Site Sewage Disposal System Inspections

## EXEMPTIONS

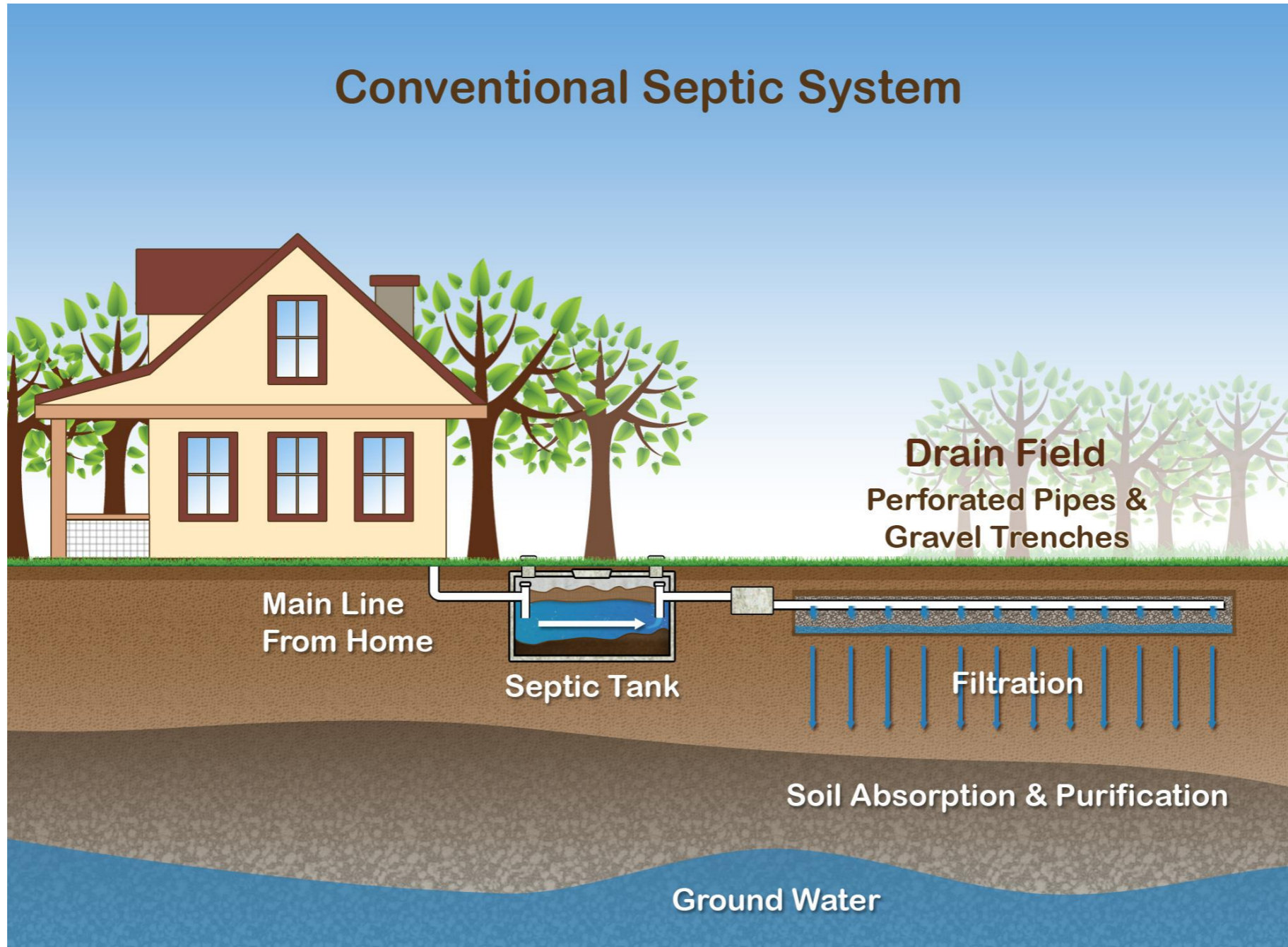
Systems that are operating in a manner that results in no off-site discharge of wastewater effluent (i.e. disposal is realized within the boundaries of the property) will be exempt. The initial inspection will be required to confirm no off-site discharge.

## EXAMPLES

- Spray Irrigation
- Overland Flow
- Absorption Trenches



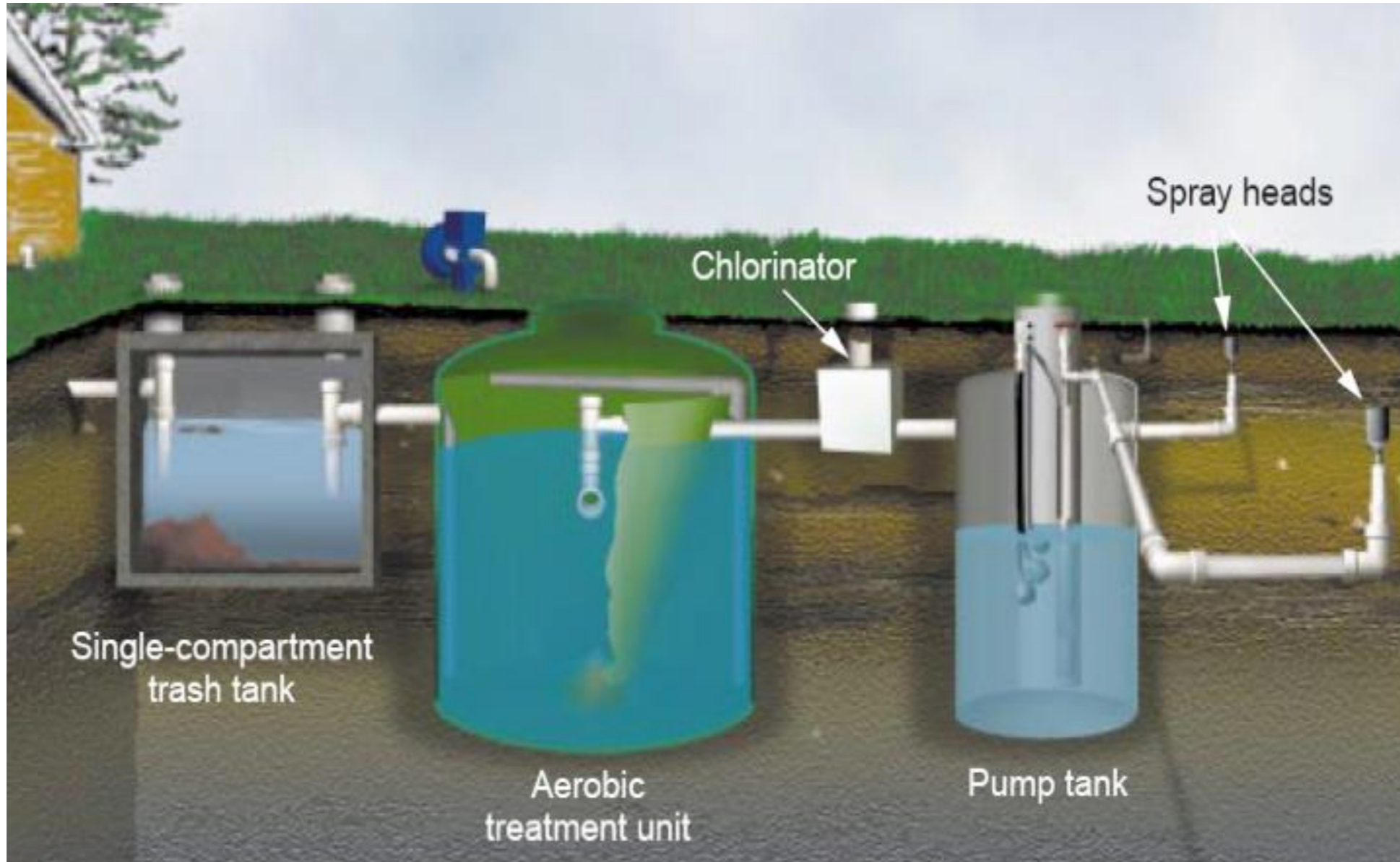
# On-Site Sewage Disposal Systems (OSDS) – Types





# On-Site Sewage Disposal Systems (OSDS) – Types

ATU with Spray Irrigation



# Proposed Program

## On-Site Sewage Disposal System Inspections

### ENFORCEMENT

Compliance with the proposed ordinance will be governed by Section 40-9 and 40-332 of the Parish Code of Ordinances which allows:

- Issuance of Notices of Deficiency
  - Identifies the violation(s)
  - Prescribe time periods to correct deficiencies
- Assessment of a \$100 per day penalty up to \$10,000
- Termination of utility service
- Filing of a lien on the subject property



# Community Sewage vs. OSDS Ordinance Cost Comparison

Comparative Costs	Monthly	Annual	OSDS Certificate	Pump Out	Aerator Replacement	3 Year Total
Avg Community Sewer Bill	\$28*	\$336	--	--	--	<b>\$1,009</b>
OSDS - No Issues; Pump Out Req	--	--	\$100	\$450	--	<b>\$550</b>
OSDS - Aerator & Pump Out Req	--	--	\$100	\$450	\$300	<b>\$850</b>
OSDS - System Replacement	--	--	\$100	--	--	<b>\$4,600</b>

\* LA Public Service Commission Statewide Average Monthly Sewer Rate



# **Proposed Program**

# **On-Site Sewage Disposal System Inspections**

## **FINANCIAL ASSISTANCE**

The Task Force and Parish recognize that this Ordinance will create an unexpected financial burden for some of our residents. The Parish intends to continue its grant program for low to moderate income residents who qualify. This is currently being done through the Parish's Grants Department and utilizes Community Development Block Grant (CDBG) and HUD Grant funding.

The Parish is working with the Louisiana Department of Environmental Quality (LDEQ) to create a Pass-Through Loan Program utilizing the Clean Water State Revolving Fund (CWSRF). The Parish will apply for a low interest CWSRF loan (0.95%) and subsequently provide structured payment plans to residents needing assistance. The CWSRF will also provide loan forgiveness for qualified residents.

This approach has been used successfully in other states and, if implemented here in St. Tammany, would be the first such program in Louisiana. The LDEQ is eager to develop this program.



# Proposed Program

## On-Site Sewage Disposal System Inspections

### FINANCIAL ASSISTANCE – MASSACHUSETTES MODEL



[Residents](#) [Businesses](#) [Leisure & Attractions](#)

[Departments](#) [Boards & Committees](#) [Schools](#)

## Betterment Loan Program

[Home](#) | [Departments](#) | [Board of Health](#) | [Septic Betterment Loan Program](#)

The Town of Easton participates in the Community Septic Management Program (CSMP) offered by the State of Massachusetts. The CSMP is meant to assist homeowners by providing access to low interest loans to be used for the purpose of upgrading failed septic systems. Upgrading can be done by replacing the existing system or connecting to an available sewer.

The money is available to qualifying homeowners at a low interest rate for a period of 20 years. Monies can be borrowed to cover all aspects of the process (engineering, soil testing, permit fees, and construction) up to \$45,000. Homeowners obtain the estimates, homeowners choose the contractors. There is no credit check required, but all municipal accounts (real estate taxes, water bill, etc.) must be paid and up to date. The loan is paid back to the town in the form of a betterment placed as an additional line item on the real estate tax bill twice a year.



# Expected Outcomes

- Improve Public Health
  - Reduce incidents of contact with poorly treated wastewater
  - Reduction in habitat conducive to the vector (or mosquito) that transmits pathogens
- Improve Environmental Health
  - Better ambient water quality
    - Decrease biochemical oxygen demand
    - Decrease bacterial load
  - Potential for reduction in mosquito insecticides
- Improve Regulatory Environment
  - Decrease the likelihood of discharge permits being denied by LDEQ due to waste load allocations and poor ambient water quality
- Raise Awareness
  - It is the responsibility of the owners of OSDS to ensure proper operation of their system



# Case Study - Ozone Woods Subdivision

- Inspections conducted in partnership with the Pontchartrain Conservancy and funded by an EPA Grant
- Inspections of OSDS of 856 homes in LMI area
- Program focused on homeowner education but also required correction of identified deficiencies
- HUD and CDBG grant funds were used to make corrections/replacements for qualified homeowners

## Results:

### BL-3

- 49% reduction in BOD
- 18% reduction in Fecal

### BL-4

- 65% reduction in BOD
- 36% reduction in Fecal



# Our Vision

St. Tammany Parish will be the place to be along the I-12 Corridor. Through EFFICIENT, TRANSPARENT and ACCOUNTABLE operations, St. Tammany Parish Government will promote a STRONG ECONOMY with INNOVATIVE DEVELOPMENT, while investing in our natural environment and cultural diversity, to preserve the QUALITY OF LIFE that makes St. Tammany Parish vibrant and unique.



# Contact Us

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## Questions or Comments?

Thank you for your attention and interest in our GREAT Parish! If you think of other questions, please feel free to contact us.

We will be happy to assist you.