

2024 REGIONAL WATER QUALITY SUMMARY

DO = Dissolved Oxygen Bact = Bacteria Chl-a = Chlorophyll-a Nutr = Nutrients PCB = PCBs/Dioxins OTHER = See Chart Key

Chart Key

The numbers in the chart represent the percent of total segment length that is impaired or of concern for each parameter.

Basin	Watershed	Segment	DO	Bact	Chl-a	Nutr	PCB	Other*	Frogs
Trinity-San Jacinto Coastal	Cedar Bayou Tidal	0901	14.2	100			85.8		
	Cedar Bayou Above Tidal	0902	82.7	82.7		17.3		82.7	
San Jacinto River	Buffalo Bayou Above Tidal	1014	6.3	77.9		69		0.7	
	Buffalo Bayou Tidal	1013	34.2	77.8		47.9		29.9	
	Caney Creek	1010		69.2					
	Cypress Creek	1009		80.3	9.3	80.3		10.3	
	East Fork San Jacinto River	1003		94.1					
	Greens Bayou Above Tidal	1016	6.4	95.8		85.3			
	Houston Ship Channel	1006	5.3	44.7	3.4	80.2	39.8	22.2	
	Houston Ship Channel Buffalo Bayou Tidal	1007	16.7	70.2		85.6	28.7	0.9	
	Houston Ship Channel/San Jacinto River Tidal	1005				82.3	100		
	Lake Conroe	1012							
	Lake Creek	1015	40.1	12.1				30.7	
	Lake Houston	1002	9.8	9.8		9.8			
	Peach Creek	1011		100				15.4	
	San Jacinto River Tidal	1001					47.3		
	Spring Creek	1008	8.2	77.8		39.2		11.0	
West Fork San Jacinto River	1004		53.6	16.6			16.6		
White Oak Bayou Above Tidal	1017	11.7	87		79.6				
San Jacinto-Brazos Coastal	Armand Bayou Tidal	1113	61.7	69.6	28.6	17	23.4	12.1	
	Bastrop Bayou Tidal	1105	31.4	69.6					
	Chocolate Bayou Above Tidal	1108		100					
	Chocolate Bayou Tidal	1107		100	100		100		
	Clear Creek Above Tidal	1102	25	78.8		76.1	48.4	13.1	
	Clear Creek Tidal	1101	37.4	78		31.8	29.2		
	Dickinson Bayou Above Tidal	1104		54.5					
	Dickinson Bayou Tidal	1103	86.9	100			43.6		
	Old Brazos River Channel Tidal	1111							
	Oyster Creek Above Tidal	1110	96.8	64.5		37.5		96.8	
Oyster Creek Tidal	1109	100	100						
Brazos-Colorado Coastal	Caney Creek Above Tidal	1305	44.6	71.6		57.7		13.9	
	Caney Creek Tidal	1304	36.8	61					
	San Bernard River Above Tidal	1302	61.5	68.2		20.9		7.3	
	San Bernard River Tidal	1301		100					
Bays & Estuaries	Barbours Cut	2436				100	100		
	Bastrop Bay / Oyster Lake ++	2433							
	Bayport Ship Channel	2438			100	100	100	100	
	Black Duck Bay	2428			100	100	100		
	Burnett Bay	2430			69.2	100	100		
	Cedar Lakes +	2442							
	Chocolate Bay	2432	51	86.3		18.8	33		
	Christmas Bay ++	2434							
	Clear Lake	2425		4.3	56.5	69.6	73.9	45.3	
	Drum Bay ++	2435							
	East Bay	2423	33.9		100		100		
	East Matagorda Bay	2441							
	Lower Galveston Bay	2439			92.8	13.6	92.8		
	Moses Lake	2431	12.2	19.7	52.8		56.8		
	San Jacinto Bay	2427			100	100	100		
	Scott Bay	2429				100	100		
	Tabbs Bay	2426				48.3	69.5		
	Texas City Ship Channel	2437			100	100	100		
	Trinity Bay	2422	29.1	29.1	72.7		88.5		
	Upper Galveston Bay	2421		7.1	96.9	88.7	87.9		
West Bay	2424	9.1	7.4	10.6	5.7	91.1			
Gulf of Mexico	2501								

STABLE

GETTING BETTER

GETTING WORSE

NO TREND ANALYSIS

Severe, multiple water quality impairment(s) or concern(s) exist in a majority of the water body.

Significant, multiple water quality impairment(s) or concerns exist in the water body.

Water quality impairment(s) or concern(s) exist in a substantial portion of the water body.

Water quality impairment(s) or concern(s) exist in the water body.

No significant water quality impairments or concerns exist in the water body.

- * Other includes parameters such as metals in water, metals in sediment, impaired habitat, impaired benthic macroinvertebrates, impaired fish communities, sediment toxicity, fecal coliform, mercury in fish tissues and fish consumption
- ** Frog Chart trend analysis differs from the TCEQ Integrated Report 2022 due to an updated period of record (12/31/2015 - 12/31/2022)
- + This segment was not assessed due to insufficient data
- ++ This segment was not assessed for routine parameters, but was assessed for fecal coliform in Oyster Waters