

Summary of Water Quality Impairments and Concerns

Basin & Segment Name	Number	Field Parameters	Bacteria	Nutrients	Salts / Solids	Metals	Other	Notes
Trinity - San Jacinto Coastal Basin								
Cedar Bayou Tidal	901		I				I	FC, Dioxin
Cedar Bayou Above Tidal	902	C	I				I	DO, FC, MacroB
San Jacinto River Basin								
San Jacinto River Tidal	1001						I	Dioxin TMDL, PCB, Pest
Lake Houston	1002		I	C				DO, FC, EC, NH, NN, OP, TP
	1002B	C						DO
East Fork San Jacinto River	1003		I					EC
West Fork San Jacinto River	1004		I	C				DO, FC, EC, NN
	1004D		I					EC, FC
	1004E	C	I					DO
Houston Ship Channel / San Jacinto River and Select Bay Segments	1005						I	Dioxin TMDL, PCB, Pest
Houston Ship Channel	1006	I	I	C		I	I	DO, Bacteria, NN, OP, TP, Hg, Dioxin TMDL, PCB, Pest, Stox
	1006D		I	C				FC, EC, NH, OP, TP
	1006F		I					FC, Ent
	1006H		I					FC
	1006I		I					FC, Ent
	1006J		I					FC, Ent
Houston Ship Channel Buffalo Bayou Tidal	1007		I	C			I	Bacteria TMDL, NH, NN, OP, TP, Dioxin, PCB, Pest, Stox
	1007A		I					Bacteria
	1007B		I	C				FC, NH, NN, OP, TP
	1007C		I	C				FC, EC, NH, TP
	1007D	C	I	C				DO, FC, EC, NH, OP, TP
	1007E		I					FC
	1007F		I	C				FC, NH, TP
	1007G	C	I					DO, FC
	1007H		I					FC
	1007I		I					FC
	1007K	I	I					DO, FC
	1007L		I					FC
	1007M		I					FC
	1007N		I					FC
	1007O	I	I					DO, FC
	1007R	I	I	C				DO, FC, NH

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San Jacinto River Basin cont.								
Spring Creek	1008		I	C				FC, NN, OP, TP
	1008B		I	C				EC, NH, OP, TP
	1008C		C	C				EC, NN, OP, TP
	1008F	C						DO, NN, OP, TP
	1008H			C				NN, TP
Cypress Creek	1009	C	I	C			I	DO, EC, NH, NN, OP, TP, IH, MacroB
	1009C		I	C				EC, NN, TP
	1009D		I	C				EC, NN, TP
	1009E		I	C				EC, NH, NN, TP
Caney Creek	1010		I					EC
Peach Creek	1011		I					EC
Lake Conroe	1012							
Buffalo Bayou Tidal	1013		I	C				Bacteria TMDL, NN, OP, TP
	1013A	I	I					DO, FC, EC
	1013C		I					FC, EC
Buffalo Bayou Above Tidal	1014		I	C				FC, EC, Bacteria TMDL, NH, NN, OP, TP
	1014A		I	C				NN, TP
	1014B		I	C				EC, NN
	1014E		I	C				NN, TP
	1014H		I	C				FC, EC, NN, TP
	1014K		I					FC, EC
	1014L		I	C				FC, EC, NN, TP
	1014M	I	I	C				DO, FC, EC, OP
	1014N	C	I					DO, FC, EC
	1014O		I					FC, EC
Lake Creek	1015							USGS Study
Greens Bayou Above Tidal	1016		I	C				FC, NH, NN, OP, TP
	1016A	I	I	C				DO, FC, EC, NH, TP
	1016B		I					FC
	1016C		I	C				FC, EC, NN, TP
	1016D	C	I					DO, FC, EC
White Oak Bayou	1017		I	C				Bacteria TMDL, NH, NN, OP, TP
	1017A		I	C				DO, FC, EC, Nt
	1017B		I					FC, EC
	1017D	I	I					DO, FC, EC
	1017E		I					FC, EC

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San Jacinto - Brazos Coastal Basin								
Clear Creek Tidal	1101	C	I	C				DO, Bacteria TMDL, Nt, OP, CHLa
	1101B		I					FC, Bacteria TMDL
	1101D	C	I					DO, EC
Clear Creek Above Tidal	1102	C	I	C	I		I	DO, Bacteria TMDL, NH, NN, OP, TP, Cl, TDS, Fish,
	1102A		I					Bacteria
	1102B		I	C				Bacteria TMDL, Nt, OP
	1102C	C	I					DO, Bacteria
	1102D	C	I	C				DO, Bacteria, Nt, OP, TP
	1102E	C	I	C				DO, Bacteria, Nt, OP
Dickinson Bayou Tidal	1103	I	I					DO, FC
	1103A		I					FC
	1103B	C	I					DO, FC
	1103C	C	I					DO, FC
	1103D		I					FC
Dickinson Bayou Above Tidal	1104	C	I					DO TMDL, FC
Bastrop Bayou Tidal	1105							EC, Ent, Bastrop Bayou special project
Chocolate Bayou Tidal	1107			C				CHLa
Chocolate Bayou Above Tidal	1108							
Oyster Creek Tidal	1109							Litigation
Oyster Creek Above Tidal	1110	I	I					DO, Bacteria
Old Brazos River Channel	1111			C				Nt
Armand Bayou Tidal	1113	I	I	C				DO, bacteria, CHLa
	1113A	I	I					DO, FC
	1113B		I	C				Bacteria, Nt, Op, TP

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Brazos - Colorado Coastal Basin								
San Bernard River Tidal	1301		I	C				Bacteria, CHLa
San Bernard River Above Tidal	1302	C	I	C				DO, FC, EC, NH
Bays & Estuaries - Gulf of Mexico								
Upper Galveston Bay	2421		I	C			I	FC-oyster waters, CHLa, Nt, TP, Dioxin TMDL, PCB
East Bay	2423		I					FC-oyster waters
West Bay	2424		I					FC-oyster waters
	2424A	I	I					DO, FC-contact rec
	2424B		I					NH,
	2424C	I	I					DO, FC-contact rec
	2424D							
	2424E							
	2424F							
Clear Lake	2425			C				CHLA, Nt
	2425B		I					FC
	2425C							
Tabbs Bay	2426						I	Dioxin TMDL, PCB
San Jacinto Bay	2427			C			I	Nt, TP, Dioxin TMDL, PCB
Black Duck Bay	2428						I	Dioxin TMDL, PCB
Scott Bay	2429						I	Dioxin TMDL, PCB
Burnett Bay	2430			C			I	TP, Dioxin TMDL, PCB
Moses Lake	2431							
Chocolate Bay	2432		I					FC-oyster waters
	2432B	C						DO
	2432C	C						DO
Bastrop Bay / Oyster Lake	2433		I					FC-oyster waters
Christmas Bay	2434		I					FC-oyster waters
Drum Bay	2435		I					FC-oyster waters
	2435A							
Barbours Cut	2436			C			I	NH, Dioxin TMDL, PCB
Texas City Ship Channel	2437			C				NH, TP
Bayport Channel	2438			C			I	NH, CHLa, Nt, TP, Dioxin TMDL, PCB
Lower Galveston Bay	2439		I	C				FC-oyster waters, Nt
Gulf of Mexico	2501							

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Legend

Draft 2006 303(d) Listing	I
Draft 2006 305(b) Listing	C

Definition	Storet	Abbreviation
Field Parameters		
Temperature (Centigrade)	00010	T
Dissolved Oxygen (mg/L)	00300	DO
pH (standard units)	00400	pH
Conductivity (µmhos/cm)	00094	Con
Salinity (ppt)	00480	Sal
Transparency (meters)	00078	Trnp
Bacteria		
Fecal Coliform (#/100 mL)	31616	FC
Fecal Coliform MF Agar (#/100 mL)	31613	
Enterococcus (mpn/100mL)	31701	Ent
<i>E. coli</i> (mpn/100mL)	31699	EC
Nutrients		
Ammonia (mg/L)	00610	NH
Nitrate (mg/L)	00620	Nt
Nitrite + Nitrate (mg/L)	00630	NN
Nitrite + Nitrate, Whatman (mg/L)	00593	
Total Kjeldahl Nitrogen (mg/L)	00625	TKN
Orthophosphate Phosphorus (mg/L)	70507	OP
Total Phosphorus (mg/L)	00665	TP
Chlorophyll-a (µg/L)	32211	CHLa
Total Organic Carbon (mg/L)	00680	TOC
BOD ₅ (mg/L)	00310	BOD
CBOD ₅ (mg/L)	00307	CBOD
Salts / Solids		
Chloride (mg/L as Cl)	00940	Cl
Flouride (mg/L as F)	00951	Fl
Sulfate (mg/L as SO ₄)	00945	SO
Total Alkalinity (mg/L as CaCO ₃)	00410	Alk
Total Dissolved Solids (mg/L)	70300	TDS
Total Hardness (mg/L as CaCO ₃)	00900	TH
Total Suspended Solids (mg/L)	00530	TSS
Volatile Suspended Solids (mg/L)	00535	VSS

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Metals								
Aluminum, Dissolved (µg/L)	01106	Al						
Arsenic, Dissolved (µg/L)	01000	As						
Barium, Dissolved (µg/L)	01005	Ba						
Cadmium, Dissolved (µg/L)	01025	Cd						
Calcium, Dissolved (mg/L)	00915	Ca						
Chromium, Dissolved (µg/L)	01030	Cr						
Copper, Dissolved (µg/L)	01040	Cu						
Lead, Dissolved (µg/L)	01049	Pb						
Mercury, Total (µg/L)	71900	Hg						
Nickel, Dissolved (µg/L)	01065	Ni						
Selenium, Dissolved (µg/L)	01145	Se						
Selenium, Total (µg/L)	01147	Se						
Silver, Dissolved (µg/L)	01075	Ag						
Zinc, Dissolved (µg/L)	01090	Zn						
Other								
Dioxins		Dioxin						
PCBs		PCB						
Volatile Organic Compounds		VOC						
Sediment Toxicity		STox						
Macrobenthos		MacroB						
Impaired Fish		Fish						
Impaired Habitat		Habitat						
Pesticides		Pest						