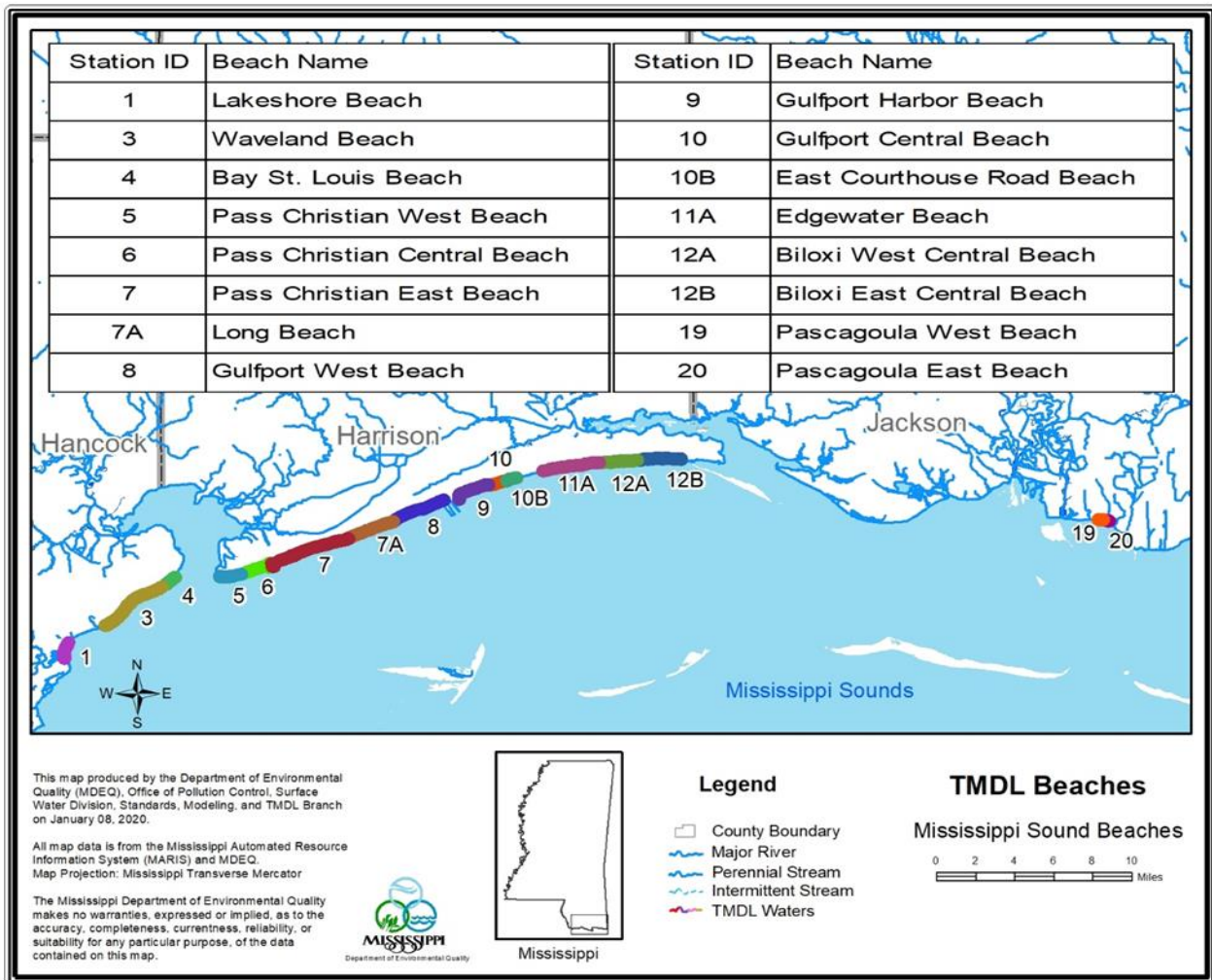


TMDL FACT SHEET

This enterococci bacteria TMDL has been developed for 16 Mississippi Beach segments. These water bodies are routinely assessed as part of the Mississippi Beach Monitoring Program. Due to complexities associated with large scale open water boundaries, tidal influences, and variable storm water runoff, MDEQ applied a mass balance approach to develop the bacteria counts for these beaches. The TMDL was based on the estimated volume of water at 100 meters from the shoreline and the water quality criteria. An explicit 10% margin of safety (MOS) was used in the mass balance method to account for uncertainty. The estimated reduction recommended for the beaches range from 2% to 65%. This TMDL may be revised in the future as dynamic models of the area and additional data become available.



Water Quality Standard

Parameter	Beneficial use	Water Quality Criteria
Enterococci Bacteria	Recreation	Geometric mean of 35 colony forming units (cfu) /100 ml for enterococci bacteria in marine coastal recreation waters

Beach TMDL Information

Name	Waterbody ID	County	WLA/LA	TMDL	% Reduction
Lakeshore Beach	250114	Hancock	8.96E+10	Pathogens	23% to 63%
Location: From Silver Slipper Casino to Pointset Ave.					
Waveland Beach	250112	Hancock	2.41E+11	Pathogens	9% to 53%
Location: From Oak Street to Favre Street.					
Bay St. Louis Beach	250111	Hancock	5.30E+10	Pathogens	31% to 49%
Location: From Washington Street to the Culvert just north of Ramaneda Street.					
Pass Christian West Beach	250214	Harrison	3.96E+10	Pathogens	9% to 64%
Location: From Fort Henry Ave. to Elliott Street.					
Pass Christian Central Beach	250215	Harrison	1.44E+11	Pathogens	8% to 34%
Location: From Henderson Ave. to Hiern Ave.					
Pass Christian East Beach	250211	Harrison	2.36E+11	Pathogens	15% to 63%
Location: From EPSY Ave. to Hayden Street.					
Long Beach Beach	250213	Harrison	1.29E+11	Pathogens	18% to 54%
Location: From Oak Gardens to Girard.					
Gulfport West Beach	250212	Harrison	1.39E+11	Pathogens	13% to 58%
Location: From Marie Ave. to Camp Ave.					
Gulfport Harbor Beach	250311	Harrison	1.35E+11	Pathogens	32% to 55%
Location: From 15 th Street to Thornton Ave.					
Gulfport Central Beach	250312	Harrison	4.83E+11	Pathogens	3% to 65%
Location: From Alfonso Drive to VA Main Entrance.					
East Courthouse Road Beach	250315	Harrison	7.77E+10	Pathogens	2% to 57%
Location: From VA Main Entrance to Courthouse Road.					
Edgewater Beach	250316	Hancock	1.83E+11	Pathogens	2% to 61%
Location: From Debuys Road to Edgewater Drive.					
Biloxi West Central Beach	250314	Harrison	1.32E+11	Pathogens	8% to 59%
Location: From Travia to I'Berville Drive.					
Biloxi East Central Beach	250317	Harrison	2.15E+11	Pathogens	31% to 64%
Location: From St Peter Street to Dukate Street.					
Pascagoula West Beach	250511	Jackson	6.87E+10	Pathogens	29% to 58%
Location: From Westwood Street to Grand Oaks.					
Pascagoula East Beach	250512	Jackson	1.04E+11	Pathogens	22% to 52%
Location: From Oliver Street to Westwood Street.					