



ADDENDUM 1

April 16, 2019

ITN TDD 57-19

**Design & Construction of a Real-Time Water Quality Monitoring Network for the  
Choctawhatchee Bay Watershed**

This addendum is to provide Appendix A

**Note: The proposal due date remains May 7, 2019 at 3:00 P.M.**

Please see attached for Appendix A, which is the Impaired Waterbody Segments in the Choctawhatchee River and Bay Watershed.

# APPENDIX A

## Impaired Waterbody Segments in the Choctawhatchee River and Bay Watershed

All states are required to submit lists of impaired waters that are too polluted or degraded to meet water quality standards and their designated use (potable, recreational, shellfish harvesting) to the EPA under section 303(d) of the Clean Water Act (EPA 2016a). The following table provides a list of 2016 FDEP designated and impaired waters in the Choctawhatchee River and Bay watershed.

Waterbody Segment ID	Water Segment Name	County	Waterbody Class <sup>1</sup>	Parameters Assessed Using the Impaired Waters Rule (IWR)
731	Alaqua Bayou	Walton	3M	Nutrients (Chlorophyll-a)
351	Alaqua Creek	Walton	3F	Fecal Coliform
123	Alligator Creek	Jackson, Washington	3F	Fecal Coliform
742	Basin Bayou	Walton	2	Fecal Coliform
786A	Bass Lake	Okaloosa	3F	Dissolved Oxygen (Percent Saturation)
786A	Bass Lake	Okaloosa	3F	Nutrients (Total Nitrogen)
679	Black Creek	Walton	2	Fecal Coliform
8010A	Blue Mountain Beach	Walton	3M	Bacteria (Beach Advisories)
692	Boggy Bayou	Okaloosa	3M	Nutrients (Chlorophyll-a)
692	Boggy Bayou	Okaloosa	3M	Nutrients (Total Nitrogen)
778CD	Camp Timpooshee	Okaloosa, Walton	2	Bacteria (Beach Advisories)
778A	Choctawhatchee Bay	Okaloosa	2	Bacteria (in Shellfish)
778A	Choctawhatchee Bay (Lower Segment)	Okaloosa	2	Fecal Coliform
778A	Choctawhatchee Bay (Lower Segment)	Okaloosa	2	Nutrients (Total Nitrogen)
778A	Choctawhatchee Bay (Lower Segment)	Okaloosa	2	Nutrients (Total Phosphorus)
778B	Choctawhatchee Bay (Middle Segment1)	Okaloosa	2	Bacteria (Shellfish Harvesting Classification)
778B	Choctawhatchee Bay (Middle Segment1)	Okaloosa	2	Nutrients (Chlorophyll-a)
778B	Choctawhatchee Bay (Middle Segment1)	Okaloosa	2	Nutrients (Total Nitrogen)
778C	Choctawhatchee Bay (Middle Segment2)	Okaloosa, Walton	2	Bacteria (Shellfish Harvesting Classification)
778C	Choctawhatchee Bay (Middle Segment2)	Okaloosa, Walton	2	Fecal Coliform (3)
778C	Choctawhatchee Bay (Middle Segment2)	Okaloosa, Walton	2	Nutrients (Total Nitrogen)

Waterbody Segment ID	Water Segment Name	County	Waterbody Class <sup>1</sup>	Parameters Assessed Using the Impaired Waters Rule (IWR)
778D	Choctawhatchee Bay (Upper Segment)	Walton	2	Dissolved Oxygen (Percent Saturation)
778D	Choctawhatchee Bay (Upper Segment)	Walton	2	Nutrients (Chlorophyll-a)
778D	Choctawhatchee Bay (Upper Segment)	Walton	2	Nutrients (Total Nitrogen)
49B	Choctawhatchee River	Walton, Washington	3F	Iron
49F	Choctawhatchee River	Holmes	3F	Iron
778AD	Clement E. Taylor Park	Okaloosa	3M	Bacteria (Beach Advisories)
348Z	Cypress Springs (Washington County)	Washington	3F	Nutrients (Nitrate-Nitrite)
917A	Destin Harbor	Okaloosa	2	Fecal Coliform
881A	Direct Runoff to Bay	Walton	2	Fecal Coliform
881A	Direct Runoff to Bay	Walton	2	Fecal Coliform (3)
8009A	Dune Allen Beach	Walton	3M	Bacteria (Beach Advisories)
751	Eagle Creek	Walton	2	Fecal Coliform
778AB	East Pass	Okaloosa	2	Bacteria (Beach Advisories)
337	Flat Creek	Washington	3F	Fecal Coliform
843B	Garniers Park	Okaloosa	3M	Bacteria (Beach Advisories)
8010B	Grayton Beach	Walton	3M	Bacteria (Beach Advisories)
778AC	Gulf Island National Seashore	Okaloosa	3M	Bacteria (Beach Advisories)
8008B	Henderson Park Beach	Okaloosa	3M	Bacteria (Beach Advisories)
8010C	Holley Street Beach	Walton	3M	Bacteria (Beach Advisories)
59D	Holmes Creek (Lower Segment)	Washington	3F	Nutrients (Algal Mats)
8008C	James Lee Park	Okaloosa	3M	Bacteria (Beach Advisories)
94	Limestone Branch	Holmes	3F	Iron
692A	Lincoln Park	Okaloosa	3M	Bacteria (Beach Advisories)
80	Little Creek	Jackson	3F	Fecal Coliform
937	Mack Bayou	Walton	2	Fecal Coliform
712	Mullet Creek	Walton	2	Fecal Coliform
286	Open Creek	Holmes, Washington	3F	Dissolved Oxygen
754A	Poquito Park	Okaloosa	3M	Bacteria (Beach Advisories)
722	Rocky Bayou	Okaloosa	2	Fecal Coliform
722	Rocky Bayou	Okaloosa	2	Nutrients (Total Nitrogen)

Waterbody Segment ID	Water Segment Name	County	Waterbody Class <sup>1</sup>	Parameters Assessed Using the Impaired Waters Rule (IWR)
722B	Rocky Bayou State Park	Okaloosa	3M	Bacteria (Beach Advisories)
495A	Turkey Creek	Okaloosa	3F	Iron
8008E	Wayside Park	Okaloosa	3M	Bacteria (Beach Advisories)
54	Wrights Creek	Holmes	3F	Iron

Sources: FDEP 2014b; ADEM 2014a.

Notes:

\* = new Florida listings since 2006

Footnote 1 - Florida's waterbody classifications:

1 - Potable water supplies

2 - Shellfish propagation or harvesting

3F - Recreation, propagation, and maintenance of a healthy, well-balanced population of fish and wildlife in fresh water

3M - Recreation, propagation, and maintenance of a healthy, well-balanced population of fish and wildlife in marine water

4 - Agricultural water supplies

5 - Navigation, utility, and industrial use

The following table provides a list of EPA established TMDLs in the Choctawhatchee River and Bay watershed.

Waterbody ID	Water Segment Name	County	Waterbody Class	Pollutant
123	Alligator Creek	Holmes, Washington	3F	Biochemical Oxygen Demand
123	Alligator Creek	Holmes, Washington	3F	Nitrogen, Total
123	Alligator Creek	Holmes, Washington	3F	Phosphorus, Total
692	Boggy Bayou	Okaloosa	3M	Biochemical Oxygen Demand
692	Boggy Bayou	Okaloosa	3M	Nitrogen, Total
692	Boggy Bayou	Okaloosa	3M	Phosphorus, Total
343	Bruce Creek	Walton	3F	Fecal Coliform
251	Camp Branch	Holmes	3F	Biochemical Oxygen Demand
251	Camp Branch	Holmes	3F	Nitrogen, Total
251	Camp Branch	Holmes	3F	Phosphorus, Total
778B	Choctawhatchee Bay (Middle Segment)	Okaloosa	2	Fecal
49F	Choctawhatchee River	Holmes	3F	Turbidity
130	Minnow Creek	Holmes	3F	Turbidity

EPA 2016b