

Summary of 2004 Texas Water Quality Inventory and 303(d) List

(May 13, 2005)

The Texas Water Quality Inventory is prepared by the Texas Commission on Environmental Quality (TCEQ) and submitted to the United States Environmental Protection Agency (EPA) biennially on even-numbered years in accordance with Section 305(b) of the Clean Water Act (CWA). Due to the enabling legislation, the Inventory is often called the 305(b) report. The 305(b) report allows the public, local governments, state agencies, the Texas Legislature, the EPA, and Congress to evaluate water quality in Texas. Water bodies that do not support their water quality standards, and for which existing controls are not adequate, are placed on the 303(d) list of impaired water bodies [as required under CWA Section 303(d)]. The report is also published on the TCEQ Web site as the *Texas Water Quality Inventory and 303(d) List*.

The Inventory describes the status of all surface water bodies of the state that were evaluated for the given assessment period. The TCEQ uses data collected during the most recent five-year period in making its assessment. The data are gathered by many different organizations that all operate according to approved quality control guidelines and sample collection procedures. The quality of waters described in the Inventory represents a snapshot of conditions during the limited time period considered in the assessment. The period of record for water quality data and information used in the 2004 Inventory and List is March 1, 1998 to February 28, 2003. For 2004, the TCEQ conducted a targeted water quality assessment and 195 water bodies were reassessed. The following aspects of the 2002 assessment were reviewed to identify or target water bodies for the 2004 assessment:

- The use-attainment status for any water body was reviewed at the request of agency programs or another entity that provided evidence that the existing assessment was inaccurate, particularly if evidenced by more recent data.
- Where data were insufficient for a full assessment in 2002, but the limited data suggested non-attainment, additional monitoring was scheduled. These water bodies were reassessed with the new data in 2004.
- Errors in previous assessments identified by TCEQ water programs and during two public comment periods were corrected.
- The collection of 24-hour dissolved oxygen data has been a recent priority for the TCEQ. New 24-hour data sets have been evaluated for with 24-hour average and minimum criteria.

Because a targeted assessment and update to the 2002 inventory was made in 2004, some descriptive parts of the 305(b) report were not updated and the reader is referred to the 2002

Texas Water Quality Inventory. These include the description and classification of all Texas waters for water quality management purposes, a discussion of the water pollution control program, including permitting of pollutant loads, a cost/benefit analysis of these management efforts, a description of the monitoring programs in Texas, the efforts to protect wetlands, observations on the overall assessment and changes in water quality, and protection of public health.

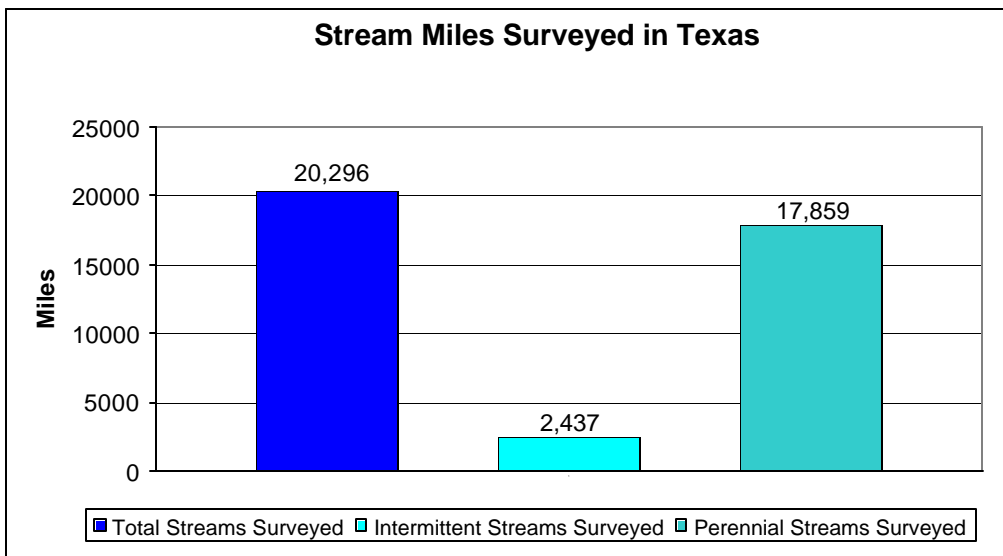
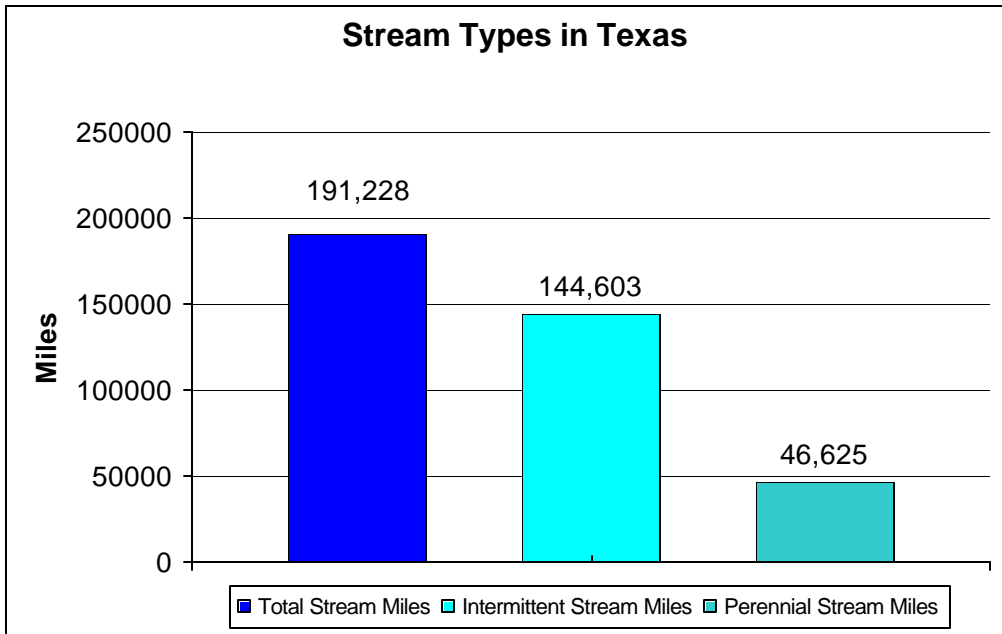
Included as a companion document to this summary is a review of the trophic status of Texas reservoirs. Because additional and more recent data are available for most of these reservoirs, all reservoirs were evaluated in a consistent manner using the last five years of data (not a targeted approach). A Groundwater Monitoring and Assessment component has also been updated for 2004 as a companion document to this summary.

Table 1 describes monitoring and assessment information compiled for each of Texas's major water body types: streams, reservoirs, estuaries, and gulf waters. Overall use attainment status of uses for each of the water body types has been prepared and includes the recent assessment information developed for 2004.

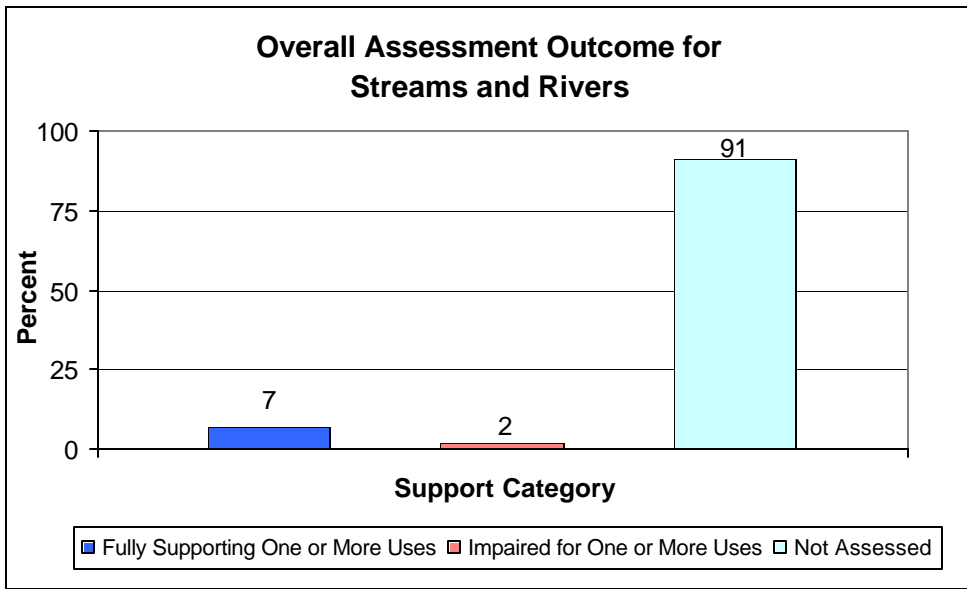
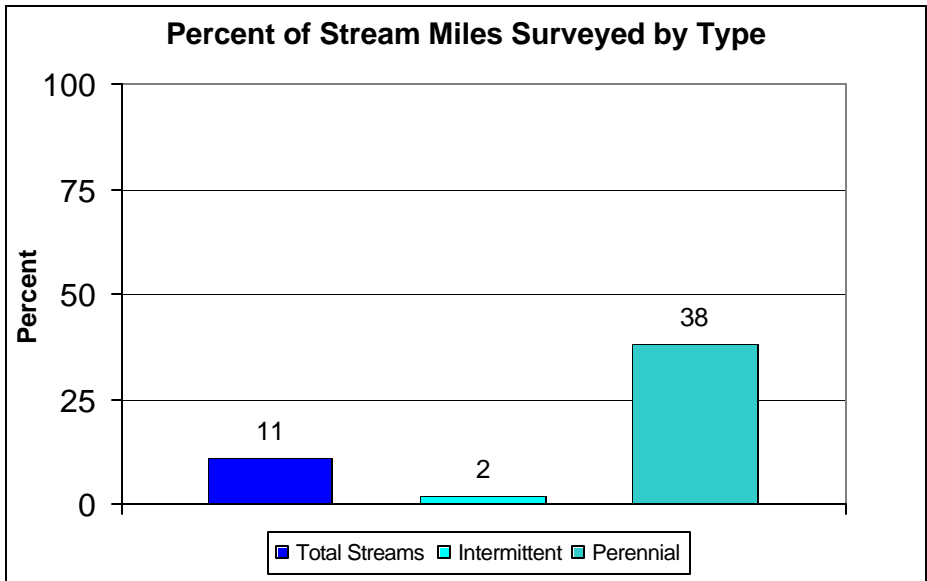
Table 1. Overall Use Attainment for All Water Body Types

	Streams (Miles)		Reservoir (Acres)		Estuary (Square miles)		Ocean Shoreline (Square miles)	
Total Unit Size in Texas	191,228		1,994,600		2,393		3,879	
Monitoring Information								
Total unit size surveyed	20,296	11%	1,586,907	80%	2,033	85%	3,879	100%
Total unit size not surveyed	170,932	89%	407,693	20%	360	15%	0	0%
Assessment Information								
Total unit size assessed	17,882	9%	1,575,012	79%	1,764	74%	3,879	100%
Total unit size meeting one or more of its Uses	13,431	7%	1,040,160	52%	1,156	48%	0	0%
Total unit size not supporting one or more of its Uses	5,247	3%	534,912	27%	612	26%	3,879	100%

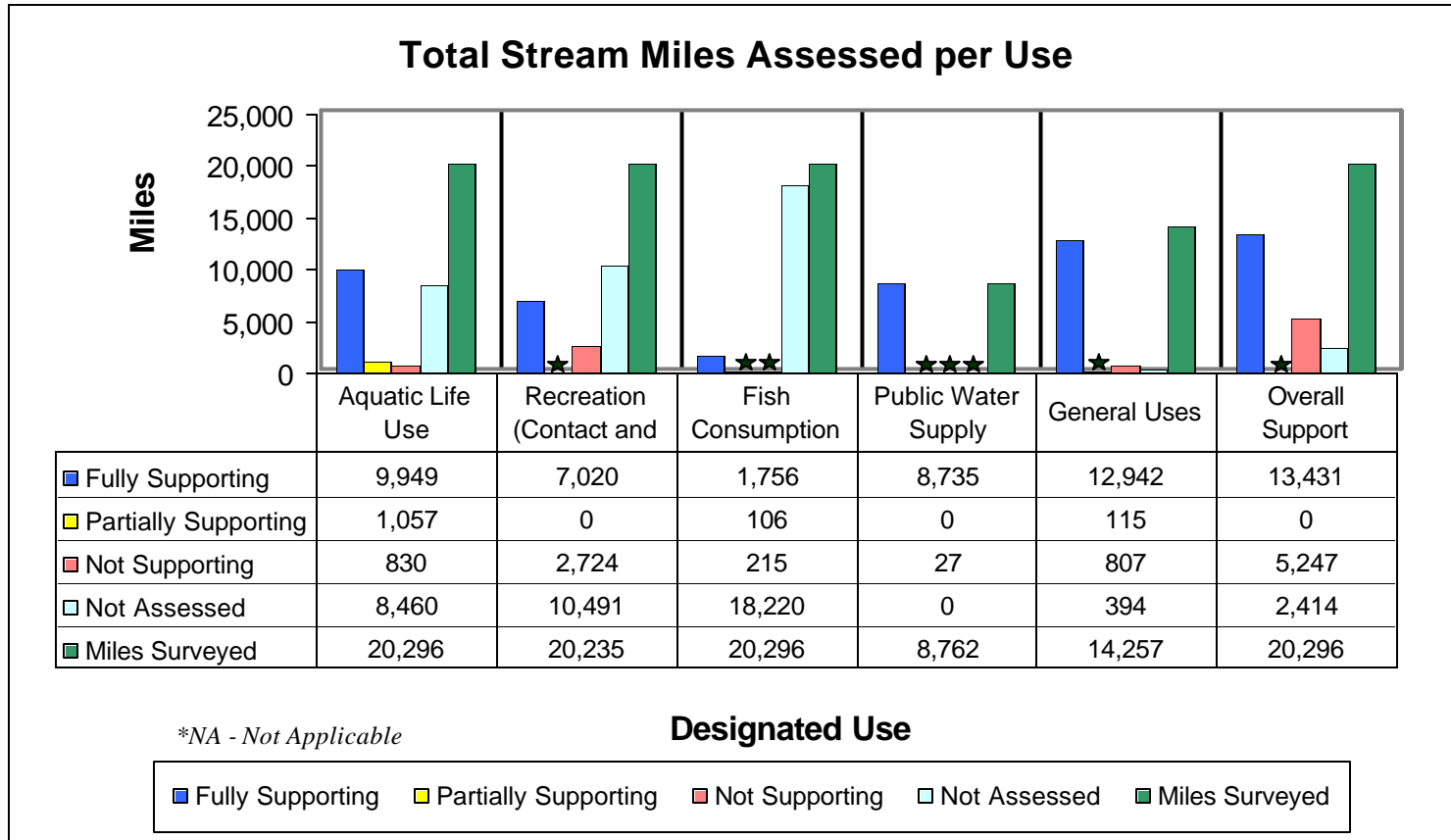
Assessment Summary for Streams and Rivers



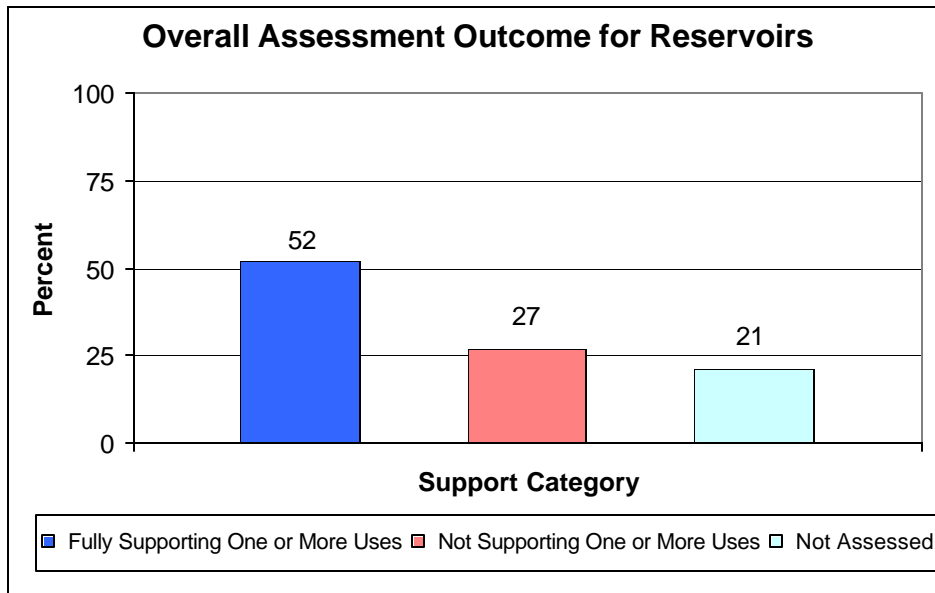
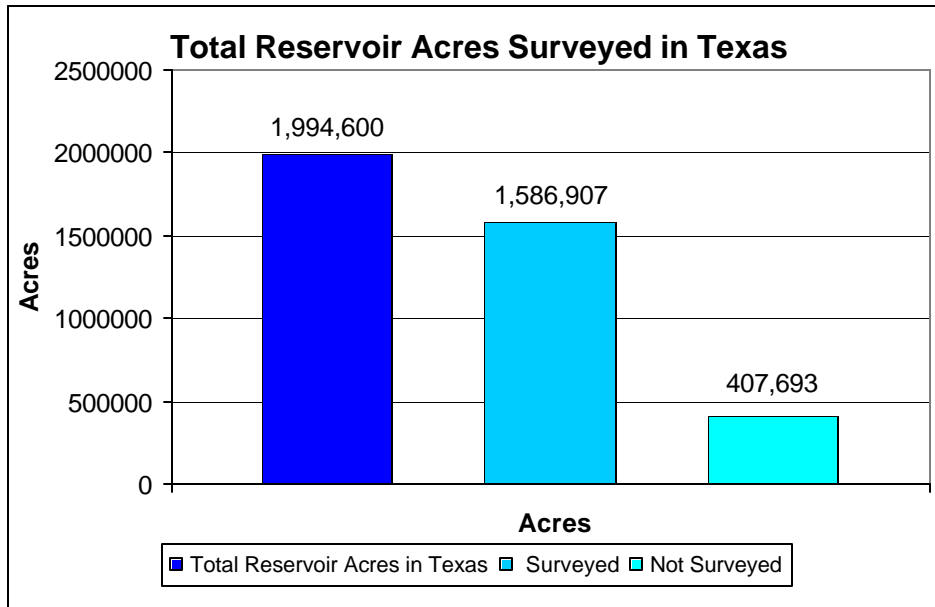
Assessment Summary for Streams and Rivers (Continued)



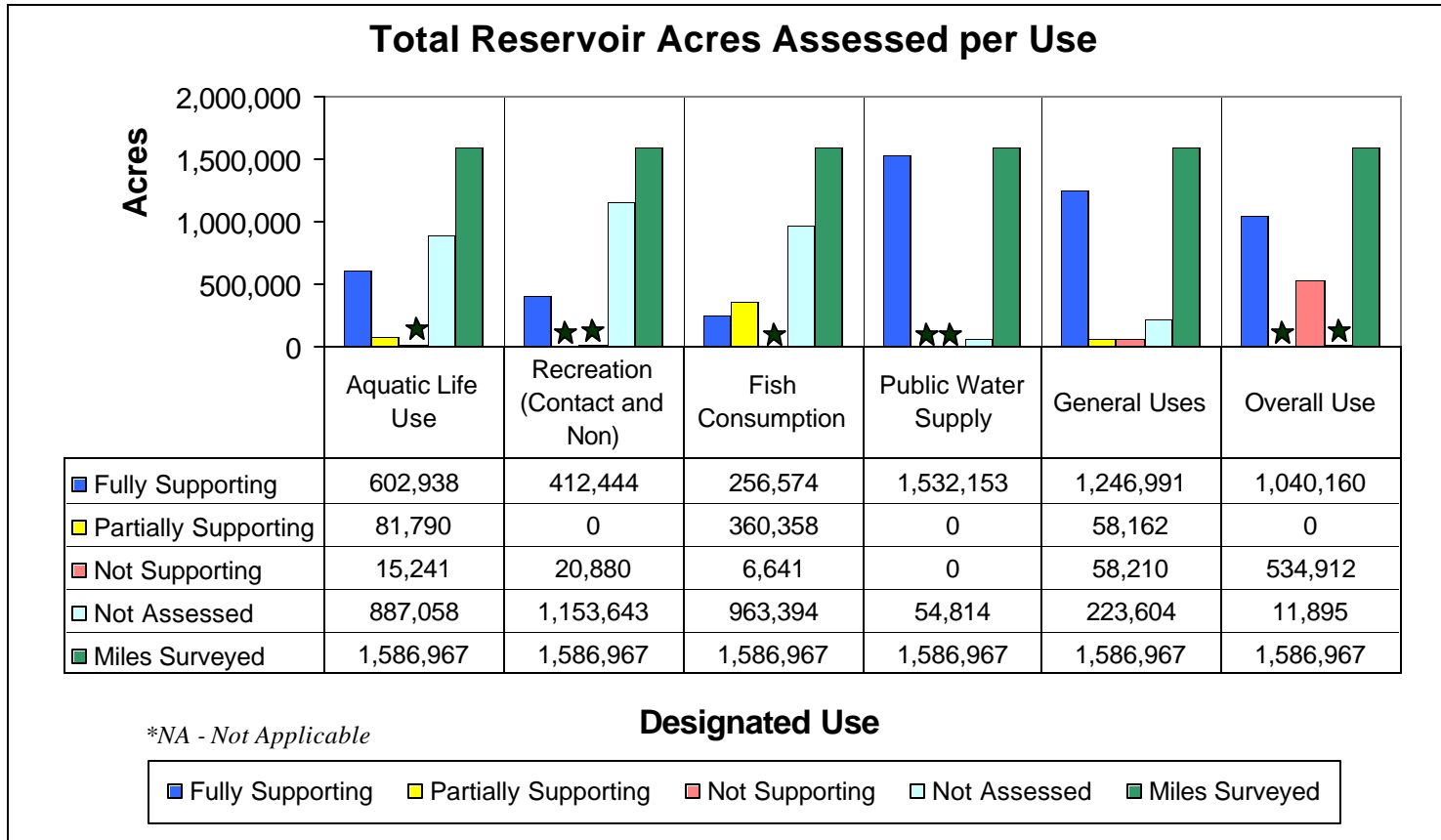
Assessment Summary for Streams and Rivers (Continued)



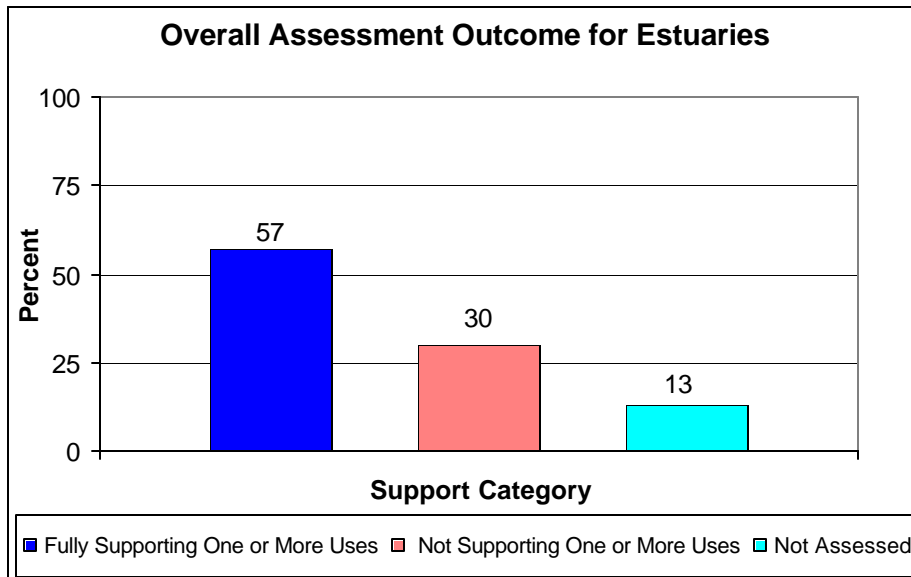
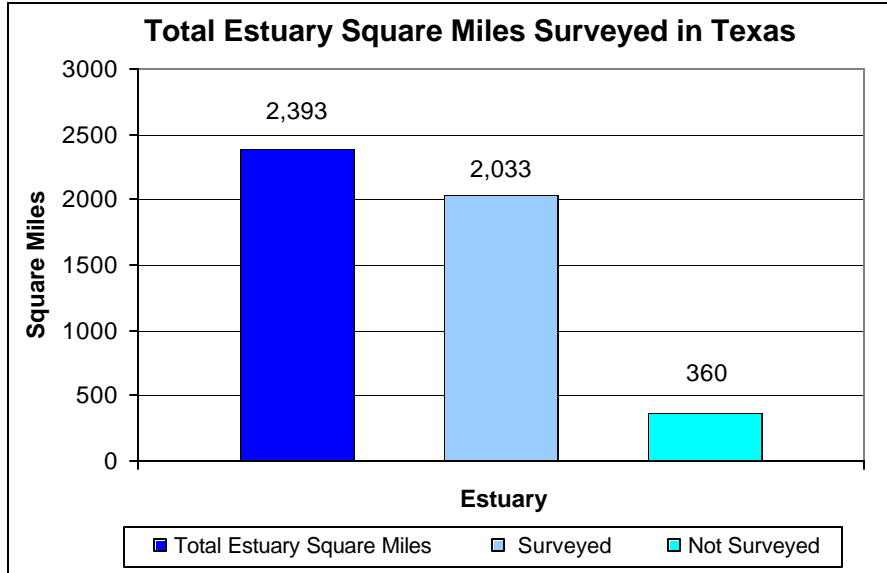
Assessment Summary for Reservoirs



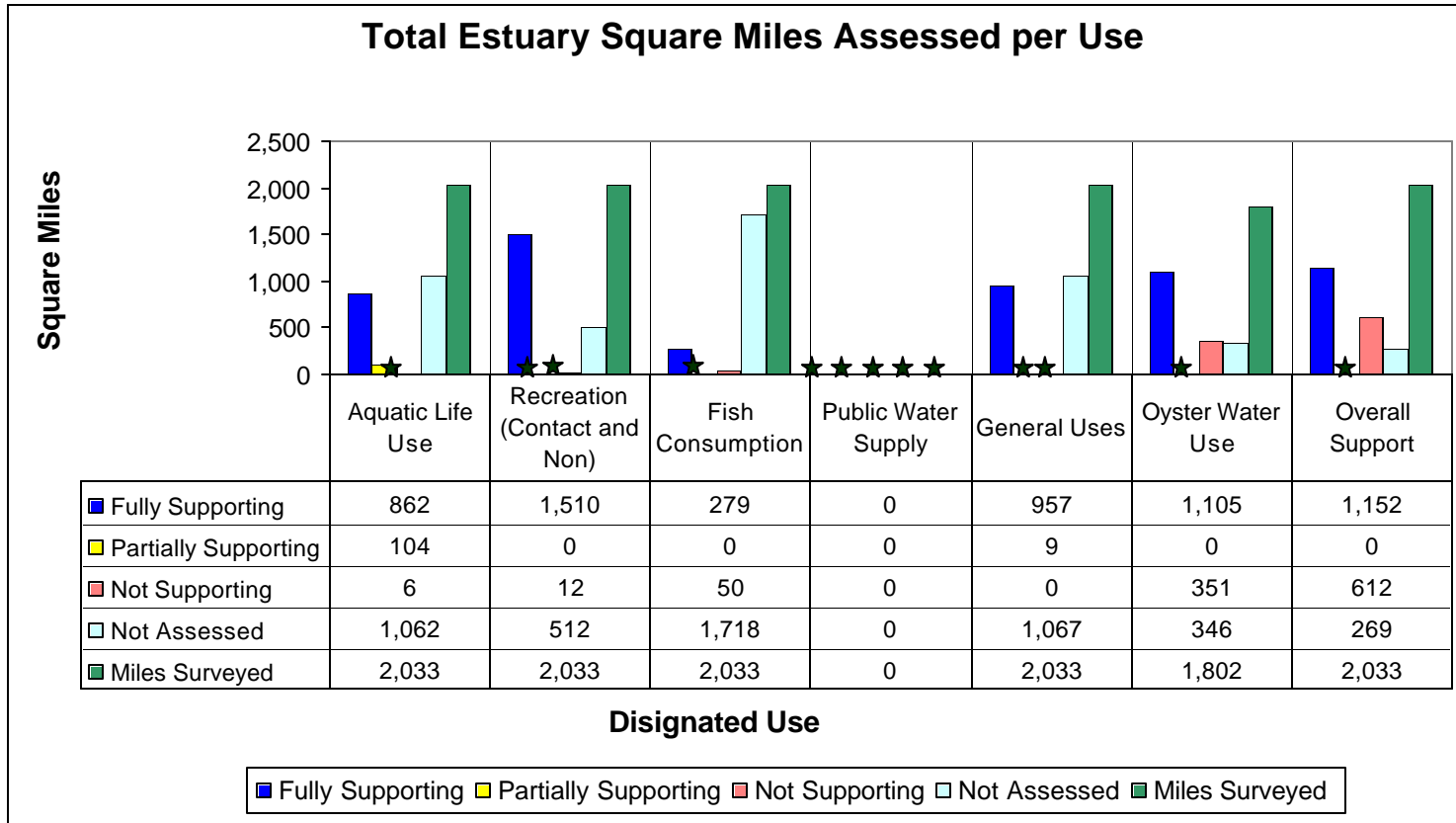
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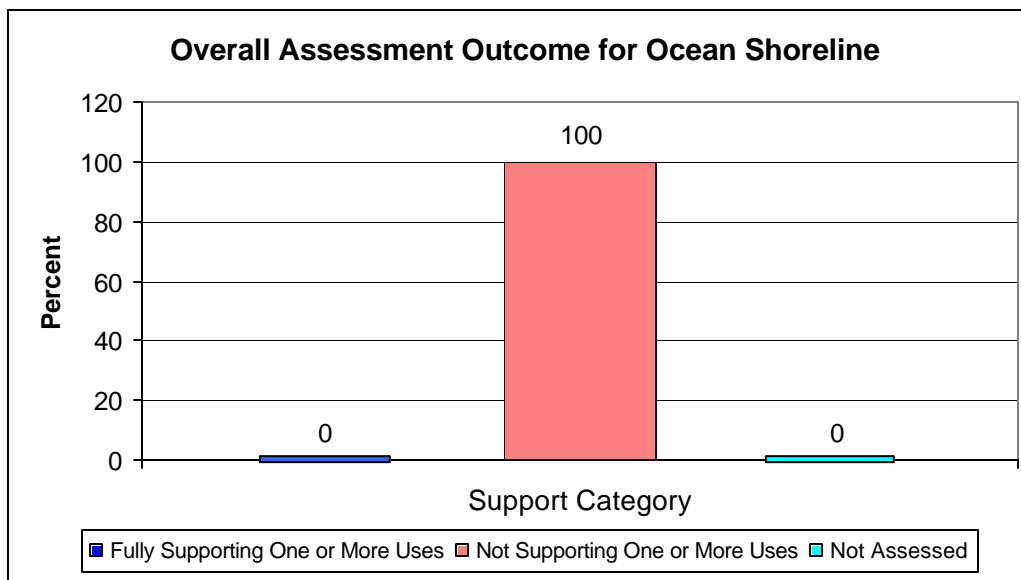
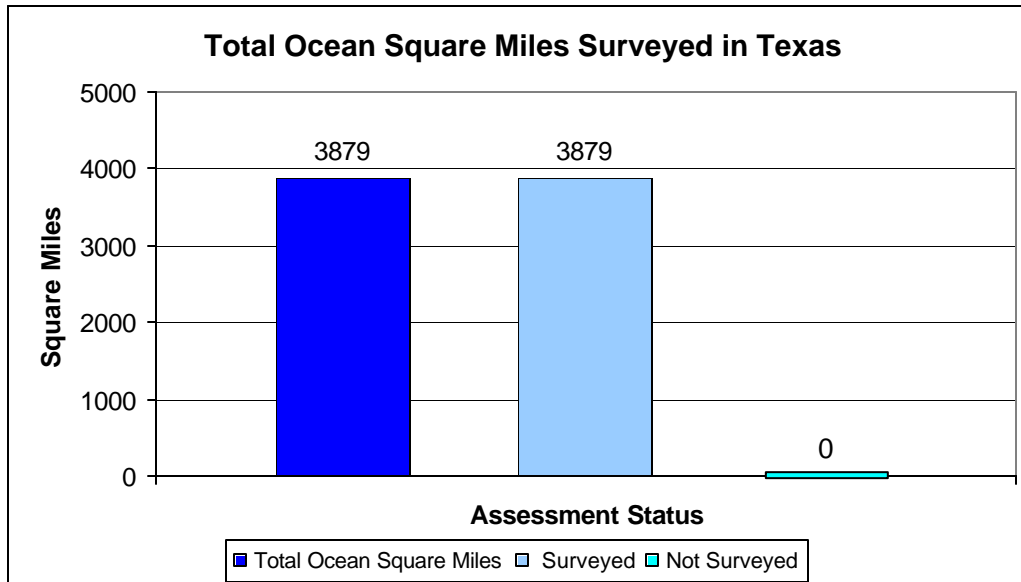
Assessment Summary for Estuaries



Assessment Summary for Estuaries (Continued)



Assessment Summary for Gulf of Mexico



Assessment Summary for Gulf of Mexico (Continued)

