

Changes to the DRAFT 2004 Texas Water Quality Inventory and 303(d) List Since the Second Public Comment Period of 11/23/04 - 12/23/04 (May 13, 2005)

There are four types of changes described in this document:

1. Changes to the support status of a water body.
2. Changes to the concern status of a water body.
3. Changes to the Category and/or Rank changes of a listing in a water body.
4. Changes to text or station location information for a water body (does not change the assessment outcome.)

Table 1. Changes to the support status of a water body.

Water Body	Change(s)
*Segment 1005, Houston Ship *Channel/San Jacinto River Tidal Segment 2421, Upper Galveston Bay Segment 2426, Tabbs Bay Segment 2427, San Jacinto Bay Segment 2428, Black Duck Bay Segment 2429, Scott Bay Segment 2430, Burnett Bay Segment 2436, Barbours Cut Segment 2438, Bayport Channel	A recent DSHS fish advisory (ADV-28) resulted in an expanded listing for PCBs in catfish, spotted seatrout, and blue crabs. *For Segment 1005, the assessment areas described as “Lynchburg Ferry Road to Goose Island”, “Goose Island to SH 146” and “SH 146 to Morgans Point” are included in this additional listing. For Segment 2421, the assessment area described as “Red Bluff to Five Mile Cut to Houston Point to Morgans Point” is included in this additional listing. For all other segments reported here, the entire water body is included for this additional listing.

Table 2. Changes to the concern status of a water body.

Water Body	Change(s)
Segment 0404A, Ellison Creek Reservoir (unclassified water body); Segment 0610, Sam Rayburn Reservoir; and Segment 2453, Lavaca Bay/Chocolate Bay	The assessment method “85% Metals in Sediment” for manganese, and concerns associated with this method, were removed for these water bodies because the assessment guidance does not specify a screening level for manganese.
Segment 0404A, Ellison Creek Reservoir (unclassified water body)	Concerns for arsenic, barium, and selenium for the assessment area described as “Southeast portion of reservoir near spillway” were reassessed with the correct screening levels. Barium and selenium are no longer concerns, and have been removed.

Water Body	Change(s)
Segment 1206D, Palo Pinto Creek below Palo Pinto Reservoir	The sulfate concern in this water body was removed. The data value that resulted in the listing was found to be a transcription error.
Segment 1604, Lake Texana	Full support of the dissolved oxygen criterion has been established with 24-hour dissolved oxygen measurements, and this parameter was removed from the assessment areas described as “East Mustang Creek arm of Lake Texana” and “Navidad River arm of Lake Texana.”

Table 3. Changes in Categories and/or Ranks

Water Body	Change(s)
Segment 0805, Upper Trinity River	The category for the bacteria impairment was changed from “L” to “U”
Segment 0806, West Fork Trinity River Below Lake Worth	The category for the bacteria impairment was changed from “L” to “U”
Segment 0841, Lower West Fork Trinity River	The category for the bacteria impairment was changed from “L” to “U”
Segment 1101, Clear Creek Tidal	The category for the bacteria impairment was changed from “M” to “U”
Segment 1101B, Chigger Creek (unclassified water body)	Category for the bacteria impairment was changed from “M” to “U”
Segment 1102, Clear Creek Above Tidal	Category for the bacteria impairment was changed from “M” to “U”
Segment 1102A, Cowart Creek (unclassified water body)	Category for the bacteria impairment was changed from “M” to “U”
Segment 1102B, Mary’s Creek/North Fork Mary’s Creek (unclassified water body)	Category for the bacteria impairment was changed from “M” to “U”
Segment 1221, Leon River below Proctor Lake	The category for the bacteria impairments was changed from “5c” to “5a.” The rank was changed from “D” to “U.”
Segment 1428C, Gilleland Creek	The category for the bacteria impairment was changed from “L” to “U”
Segment 1806, Guadalupe River Above Canyon Lake	The category for the bacteria impairment was changed from “L” to “U”

Water Body	Change(s)
Segment 1901, Lower San Antonio River	The category for the bacteria impairment was changed from “5c” to “5a.” The rank for was changed from “D” to “U.”
Segment 2425C, Robinson Bayou (unclassified water body)	Category for the bacteria impairment was changed from “M” to “U”
Segment 2441, East Matagorda Bay	The category for the bacteria impairment was changed from “U” to “M”
Segment 2451, East Matagorda Bay/Powderhorn Lake	The category for the bacteria impairment was changed from “U” to “M”
Segment 2452, Tres Palacios Bay/Turtle Bay	The category for the bacteria impairment was changed from “U” to “M”
Segment 2453, Lavaca Bay/Chocolate Bay	The category for the bacteria impairment was changed from “U” to “M”
Segment 2456, Carancahua Bay	The category for the bacteria impairment was changed from “U” to “M”
Segment 2462, San Antonio Bay/Hynes Bay/Guadalupe Bay	The category for the bacteria impairment was changed from “U” to “M”

Table 4. Changes to text and station locations (does not change assessment results)

Water Body	Change(s)
Segment 0101, Canadian River Below Lake Meredith	Description error. In some of the web documents, the segment name for this water body was “Angelina.” This has been changed to the actual segment name of “Canadian River Below Lake Meredith.” All other information for this segment is correct.
Segment 0102, Lake Meredith	The fact sheet displayed the incorrect category for the mercury in walleye impairment. This information was revised on this document to match the correct category reported on the 303d list for this impairment.

Water Body	Change(s)
Segment 0105, Rita Blanca Lake; Segment 0306, Upper South Sulfur River	In the document describing delistings, the text describing the removal of bacteria and pH from these water bodies was revised, and now states “The current assessment guidance uses a statistically-based method to determine use support, considering the number of samples and exceedances. This method was applied to the same data used in the 2000 assessment to list the water body, and the bacteria and pH criterion were supported in 2000. New data will be available in 2006 for assessment.”
Segment 0307, Cooper Lake	Removed station 13857 from the assessment area described as “Lower 3000 acre Doctors Creek arm.” This station is in the “middle 5000 acres”.
Segment 0401, Caddo Lake; Segment 0402D, Lake Daingerfield (unclassified water body)	The fact sheets displayed the incorrect category for the mercury in largemouth bass and freshwater drum impairment located in Segment 0401 and the mercury in fish tissue impairment located in Segment 0402D. This information was revised on these document to match the correct category reported on the 303d list for these impairments.
Segment 0404A, Ellison Creek Reservoir	On the fact sheet, text describing the concern for sediment toxicity, and planning for the fish survey has been revised, and now states “A concern for toxicity in sediment to aquatic organisms in the southeast part of the reservoir near the Lone Star facility has been established with laboratory test measuring the effect of sediment elutriate (water extraction) on test organisms and elevated levels of metal contaminants in sediment. The TDH and TCEQ have planned a survey of fish in the reservoir for the spring of 2005 to determine if there is any risk from contaminants in fish tissue to humans who eat fish from the lake.
Segment 0404B, Tankersley Creek (unclassified water body); Segment 0505D, Rabbit Creek (unclassified water body)	In the document describing delistings, the text describing the removal of bacteria and pH from these water bodies was revised, and now states “The current assessment guidance uses a statistically-based method to determine use support, considering the number of samples and exceedances. This method was applied to the same data used in the 2000 assessment to list the water body, and the bacteria and pH criterion were supported in 2000. New data will be available in 2006 for assessment.”
Segment 0504, Toledo Bend Reservoir	The fact sheet displayed the incorrect category for the mercury in largemouth bass and freshwater drum impairment. This information was revised on this document to match the correct category reported on the 303d list for this impairment.

Water Body	Change(s)
Segment 0507A, Cowleech Fork (unclassified water body); Segment 0507B, Long Branch (unclassified water body);	The descriptive information regarding the flow type, aquatic life use, and criteria has been revised. These changes did not result in changes to the assessment of these water bodies.
Segment 0603, B. A. Steinhagen Lake; Segment 0604T, Lake Ratcliff (unclassified water body); Segment 0608G, Lake Kimball (unclassified water body)	The fact sheets displayed the incorrect category for the mercury in white and hybrid white/striped bass impairment located in Segment 0603 and the mercury in fish tissue impairment located in Segment 0604T and Segment 0608G. This information was revised on these documents to match the correct category reported on the 303d list for these impairments.
Segment 0612B, Waffelow Creek (unclassified water body)	In the document describing delistings, the text describing the removal of bacteria and pH from these water bodies was revised, and now states “The current assessment guidance uses a statistically-based method to determine use support, considering the number of samples and exceedances. This method was applied to the same data used in the 2000 assessment to list the water body, and the bacteria and pH criterion were supported in 2000. New data will be available in 2006 for assessment.”
Segment 0615A, Papermill Creek (unclassified water body)	The descriptive information regarding the flow type, aquatic life use, and criteria has been revised. These changes did not result in changes to the assessment of these water bodies.
Segment 1202, Brazos River Below Navasota River	Removed station 11386 ‘Whiteoak Bayou at Taylor Street in Houston’ from the assessment area described as “Middle of segment to 2.5 mi. north of the city of San Felipe”(incorrect station) and substituted station 16386 ‘Brazos River at FM 529 approx. 9.3 miles east of Bellville.’
Segment 1202J, Big Creek (unclassified water body)	Description was changed from “From the confluence of Cottonwood and Kunz Creeks , 5 miles north of Needville in Fort Bend County, downstream to the confluence with the Brazos River” to “From the confluence of Cottonwood and Coon Creeks , 5 miles north of Needville in Fort Bend County, downstream to the confluence with the Brazos River”
Segment 2110, Lower Sabinal River	The impaired parameter name has been changed from “nitrite plus nitrate nitrogen” to “nitrate” to be consistent with the MCL criterion for public water supply use.

Water Body	Change(s)
Segment 2422C, Cotton Bayou (unclassified water body)	<p>Description for the assessment area known as “Upper half of bayou” was changed to “Lower half of bayou.”</p> <p>Description for the assessment area known as “Lower half of bayou” was change to “Upper half of bayou.”</p> <p>The Segment Name was changed from “Cotton Bayou (unclassified water body) to “Cotton Bayou Tidal (unclassified water body).</p> <p>These changes did not result in changes to the assessment of these areas.</p>
Segment 2429, Scott Bay	In the document describing delistings, the text information describing the removal of the bacteria from this water body was not accurate and this information has been revised.
Segment 2501, Gulf of Mexico	The fact sheet displayed the incorrect category for the mercury in mackerel > 43 inches impairment. This information was revised on this document to match the correct category reported on the 303d list for this impairment.