

## 2016 Texas Integrated Report - Supplemental Data for Reservoir Nutrient Assessment

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### General Information

This report includes the data used to evaluate excessive algal growth as part of the line-of-evidence framework established to evaluate nutrients in Texas reservoirs.

### Explanation of Column Headings

SegID and Name:	The unique identifier (SegID), segment name, and location of the water body. Items may be one of three types of numbers for SegID. The first type is a classified segment number (4 digits, e.g. 0218), as defined in the Texas Surface Water Quality Standards (TSWQS). The second type is an unclassified water body (e.g. 0218A), not defined in the Standards and associated with a classified water body because it is in the same watershed. The third type includes special Segments for Oyster Water Use (e.g. 2421OW) and Beach Watch Use (e.g. 2481CB) special areas. The segment name and description follow SegID.
Nutrient Reservoir Criteria:	Identifies whether the reservoir includes chlorophyll-a criteria which were approved (Numeric) or disapproved (Narrative) by EPA.
Station(s) used in the evaluation:	Stations from which the chlorophyll-a, Total Nitrogen, Total Phosphorus and Secchi data were collected. Stations from which dissolved oxygen data were collected for assessment of the aquatic life use can be found in the "Waterbodies Evaluated" report.
Parameter:	Specific water quality parameter and outcome of the dissolved oxygen assessment used in the line-of-evidence framework to evaluate excessive algal growth in reservoir.
Criteria/ Threshold:	Numeric value derived to evaluate excessive algal growth in reservoirs. See Table 3 and 4, Appendix F of the 2016 Guidance for Assessing and Reporting Surface Water Quality in Texas.
Samples Assessed:	Number of samples in the dataset used to develop the median parameter value used to compare to the Criteria/Threshold.
Median:	Median value of the samples used to compare to the Criteria/Threshold within the line-of-evidence framework.

**SegID: 0199A Palo Duro Reservoir**

Palo Duro Reservoir - from Palo Duro dam up to the normal pool elevation of 2892 feet north of Spearman

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
10005**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	19.02	14	20.30
Secchi Depth	0.30	15	0.20
Total Nitrogen	0.80	12	1.80
Total Phosphorus	0.24	13	0.20
10 Year Change in TSI	10.00	0	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0208 Lake Crook**

Lake Crook - from Lake Crook Dam in Lamar County up to the normal pool elevation of 476 feet (impounds Pine Creek)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
10137**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	7.38	13	5.11
Secchi Depth	0.19	14	0.15
Total Nitrogen	0.80	10	1.09
Total Phosphorus	0.20	12	0.23
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0209****Pat Mayse Lake**

Pat Mayse Lake - from Pat Mayse Dam in Lamar County up to the normal pool elevation of 451 feet (impounds Sanders Creek)

**Nutrient Reservoir Criteria- Numeric****Station(s) used in evaluation:  
16343**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	12.40	28	17.25
Secchi Depth	1.12	28	1.05
Total Nitrogen	0.80	23	0.79
Total Phosphorus	0.04	24	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0212****Lake Arrowhead**

Lake Arrowhead - from Lake Arrowhead Dam in Clay County up to the normal pool elevation of 926 feet (impounds the Little Wichita River)

**Nutrient Reservoir Criteria- Narrative****Station(s) used in evaluation:  
10142**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	9.93	20	13.00
Secchi Depth	0.55	22	0.53
Total Nitrogen	0.80	7	0.87
Total Phosphorus	0.16	19	0.13
10 Year Change in TSI	10.00	26	6.06
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0213 Lake Kickapoo**

Lake Kickapoo - from Kickapoo Dam in Archer County up to the normal pool elevation of 1045 feet (impounds North Fork Little Wichita River)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
10143**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	6.13	12	6.45
Secchi Depth	0.28	14	0.22
Total Nitrogen	0.80	0	0.00
Total Phosphorus	0.09	13	0.06
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0217 Lake Kemp**

Lake Kemp - from Lake Kemp Dam in Baylor County to a point 9.4 km (5.8 mi) downstream of the confluence of Crooked Creek in Baylor County, up to the normal pool elevation of 1144 feet (impounds Wichita River)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
10159**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	8.83	17	12.50
Secchi Depth	1.08	20	1.25
Total Nitrogen	0.80	7	0.58
Total Phosphorus	0.03	19	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0223 Greenbelt Lake**

Greenbelt Lake - from Greenbelt Dam in Donley County up to the normal pool elevation of 2664 feet (impounds Salt Fork Red River)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
10173**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	5.00	26	7.05
Secchi Depth	1.73	27	0.90
Total Nitrogen	0.80	26	0.70
Total Phosphorus	0.03	26	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0229A Lake Tanglewood**

Lake Tanglewood - from the dam up to the Palisades neighborhood

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
10192**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	30.00	25	71.30
Secchi Depth	0.57	28	0.65
Total Nitrogen	0.80	24	6.43
Total Phosphorus	1.23	18	1.10
10 Year Change in TSI	10.00	35	10.80
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes

**SegID: 0302 Wright Patman Lake**

From Wright Patman Lake Dam in Bowie/Cass County to a point 1.5 km (0.9 mi) downstream of Bassett Creek in Bowie/Cass County, up to the normal pool elevation of 226.4 feet (impounds the Sulphur River)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
10213, 14097**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	18.74	36	28.85
Secchi Depth	0.52	41	0.59
Total Nitrogen	0.80	31	1.07
Total Phosphorus	0.11	13	0.08
10 Year Change in TSI	10.00	42	18.66
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes

**SegID: 0405 Lake Cypress Springs**

From Franklin County Dam in Franklin County up to the normal pool elevation of 378 feet (impounds Big Cypress Creek)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
10312**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	17.54	15	18.00
Secchi Depth	1.19	16	1.05
Total Nitrogen	0.80	14	0.93
Total Phosphorus	0.03	15	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0507 Lake Tawakoni**

Lake Tawakoni - from Iron Bridge Dam in Rains County up to the normal pool elevation of 437.5 feet (impounds Sabine River)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
10434**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	30.00	74	31.00
Secchi Depth	0.89	78	0.95
Total Nitrogen	0.80	10	1.24
Total Phosphorus	0.05	72	0.03
10 Year Change in TSI	10.00	108	4.06
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0509 Murvaul Lake**

Murvaul Lake - from Murvaul Dam in Panola County up to the normal pool elevation of 265.3 feet (impounds Murvaul Bayou)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
10444**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	30.00	26	36.70
Secchi Depth	0.55	29	0.65
Total Nitrogen	0.80	23	1.05
Total Phosphorus	0.07	23	0.05
10 Year Change in TSI	10.00	36	4.62
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0510 Lake Cherokee**

Lake Cherokee - from Cherokee Dam in Gregg/Rusk County up to the normal pool elevation of 280 feet (impounds Cherokee Bayou)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
15514**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	8.25	32	10.00
Secchi Depth	1.21	56	1.20
Total Nitrogen	0.80	0	0.00
Total Phosphorus	0.02	0	0.00
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes

**SegID: 0512 Lake Fork Reservoir**

Lake Fork Reservoir - from Lake Fork Dam in Wood County up to the normal pool elevation of 403 feet (impounds Lake Fork Creek)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
10458**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	13.10	76	11.00
Secchi Depth	1.46	80	1.40
Total Nitrogen	0.80	10	0.94
Total Phosphorus	0.04	74	0.03
10 Year Change in TSI	10.00	111	0.68
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No



**SegID: 0603 B. A. Steinhagen Lake**

From Town Bluff Dam to a point immediately upstream of the confluence of Hopson Mill Creek on the Neches River Arm and to a point immediately upstream of the confluence of Indian Creek on the Angelina River Arm, up to the normal pool elevation of 83 feet

**Nutrient Reservoir Criteria- Numeric****Station(s) used in evaluation:  
10582**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	11.67	27	11.80
Secchi Depth	0.37	28	0.35
Total Nitrogen	0.80	20	0.69
Total Phosphorus	0.08	23	0.06
10 Year Change in TSI	10.00	NA	NA

Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No

**SegID: 0605 Lake Palestine**

From Blackburn Crossing Dam in Anderson/Cherokee County to a point 6.7km (4.2 mi) downstream of FM 279 in Henderson/Smith County, up to normal pool elevation of 345 feet (impounds Neches River)

**Nutrient Reservoir Criteria- Narrative****Station(s) used in evaluation:  
16159**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	24.29	26	23.30
Secchi Depth	0.82	28	0.93
Total Nitrogen	0.80	20	0.77
Total Phosphorus	0.03	19	0.03
10 Year Change in TSI	10.00	35	2.04

Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes

**SegID: 0610 Sam Rayburn Reservoir**

From Sam Rayburn Dam to a point 5.6 km (3.5 mi) upstream of Marion's Ferry on the Angelina River Arm and to a point 3.9 km (2.4 mi) downstream of Curry Creek on the Attoyac Bayou Arm, up to the normal pool elevation of 164.4 feet (except on the Angelina R

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
14906**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	6.22	27	4.97
Secchi Depth	1.82	28	1.55
Total Nitrogen	0.80	20	0.44
Total Phosphorus	0.03	22	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes

**SegID: 0613 Lake Tyler/Lake Tyler East**

From Whitehouse Dam and Mud Creek Dam in Smith County up to the normal pool elevation of 375.38 feet (impounds Prairie Creek and Mud Creek)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
10637**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	13.38	24	11.20
Secchi Depth	1.06	27	1.30
Total Nitrogen	0.80	21	0.54
Total Phosphorus	0.03	19	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**Lake Tyler (0613\_01 and  
0613\_02)**

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
10638**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	10.88	23	12.60
Secchi Depth	1.06	27	1.20
Total Nitrogen	0.80	20	0.57
Total Phosphorus	0.03	19	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**Lake Tyler East  
(0613\_03 and 0613\_04)**

**SegID: 0614 Lake Jacksonville**

From Buckner Dam in Cherokee County up to the normal pool elevation of 422 feet (impounds Gum Creek)

**Nutrient Reservoir Criteria- Numeric****Station(s) used in evaluation:  
10639**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	5.60	26	3.15
Secchi Depth	1.34	27	2.10
Total Nitrogen	0.80	21	0.36
Total Phosphorus	0.03	20	0.02
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0803 Lake Livingston**

From Livingston Dam in Polk/San Jacinto County to a point 1.8 km (1.1 mi) upstream of Boggy Creek in Houston/Leon County, up to normal pool elevation of 131 feet (impounds Trinity River)

**Nutrient Reservoir Criteria- Narrative****Station(s) used in evaluation:  
10899**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	20.64	26	26.00
Secchi Depth	0.67	27	0.48
Total Nitrogen	0.80	0	0.00
Total Phosphorus	0.16	28	0.08
10 Year Change in TSI	10.00	42	4.90
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes

**SegID: 0807 Lake Worth**

From Lake Worth Dam in Tarrant County to a point 4.0 km (2.5 mi) downstream of Eagle Mountain Dam in Tarrant County, up to normal pool elevation of 594 feet (impounds West Fork Trinity River)

**Nutrient Reservoir Criteria- Narrative****Station(s) used in evaluation:  
10942**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	30.00	32	29.15
Secchi Depth	0.65	32	0.71
Total Nitrogen	0.80	65	0.98
Total Phosphorus	0.09	32	0.06
10 Year Change in TSI	10.00	32	6.86
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0809 Eagle Mountain Reservoir**

From Eagle Mountain Dam in Tarrant County to a point 0.6 km (0.4 mi) downstream of the confluence of Oates Branch in Wise County up to normal pool elevation of 649.1 feet (impounds West Fork Trinity River)

**Nutrient Reservoir Criteria- Narrative****Station(s) used in evaluation:  
10944**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	22.94	32	22.35
Secchi Depth	0.80	31	0.94
Total Nitrogen	0.80	67	0.85
Total Phosphorus	0.07	32	0.06
10 Year Change in TSI	10.00	46	-0.90
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes

**SegID: 0811 Bridgeport Reservoir**

From Bridgeport Dam in Wise County to a point immediately upstream of the confluence of Bear Hollow in Jack County, up to normal pool elevation of 836 feet (impounds West Fork Trinity River)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
10970**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	5.32	40	6.70
Secchi Depth	1.01	38	0.90
Total Nitrogen	0.80	38	0.54
Total Phosphorus	0.04	36	0.04
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0813 Houston County Lake**

From Houston County Dam in Houston County up to the normal pool elevation of 260 feet (impounds Little Elkhart Creek)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
10973**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	11.10	26	8.89
Secchi Depth	1.27	27	1.50
Total Nitrogen	0.80	23	0.58
Total Phosphorus	0.03	20	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0815 Bardwell Reservoir**

From Bardwell Dam in Ellis County up to the normal pool elevation of 421 feet (impounds Waxahachie Creek)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
10979**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	20.44	19	20.00
Secchi Depth	0.56	64	0.35
Total Nitrogen	0.80	11	0.97
Total Phosphorus	0.05	21	0.05
10 Year Change in TSI	10.00	29	1.98
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0816 Lake Waxahachie**

From South Prong Dam in Ellis County up to normal pool elevation of 531.5 feet (impounds South Prong Creek)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
10980**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	19.77	18	19.00
Secchi Depth	0.63	54	0.55
Total Nitrogen	0.80	10	0.73
Total Phosphorus	0.03	22	0.04
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0817**      **Navarro Mills Lake**  
 From Navarro Mills Dam in Navarro County up to normal pool elevation of 424.5 feet (impounds Richland Creek)

<b>Nutrient Reservoir Criteria- Numeric</b>				<b>Station(s) used in evaluation: 10981</b>
Parameter	Criteria/Threshold	Samples Assessed	Median	
Chlorophyll-a	15.07	19	18.70	
Secchi Depth	0.37	19	0.40	
Total Nitrogen	0.80	18	0.90	
Total Phosphorus	0.08	15	0.07	
10 Year Change in TSI	10.00	NA	NA	
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No	

**SegID: 0818**      **Cedar Creek Reservoir**  
 From Joe B. Hoggsett Dam in Henderson County up to normal pool elevation of 322 feet (impounds Cedar Creek)

<b>Nutrient Reservoir Criteria- Narrative</b>				<b>Station(s) used in evaluation: 10982, 16749</b>
Parameter	Criteria/Threshold	Samples Assessed	Median	
Chlorophyll-a	27.81	30	25.80	
Secchi Depth	0.80	25	0.81	
Total Nitrogen	0.80	35	0.77	
Total Phosphorus	0.07	31	0.06	
10 Year Change in TSI	10.00	0	NA	
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes	

**SegID: 0823      Lewisville Lake**

From Lewisville Dam in Denton County to a point 100 meters (110 yards) upstream of US 380 in Denton County, up to normal pool elevation of 515 feet (impounds Elm Fork Trinity River)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
11027, 17830**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	16.39	34	9.50
Secchi Depth	0.60	51	0.85
Total Nitrogen	0.80	35	0.77
Total Phosphorus	0.06	17	0.03
10 Year Change in TSI	10.00	0	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0826      Grapevine Lake**

From Grapevine Dam in Tarrant County up to normal pool elevation of 535 feet (impounds Denton Creek)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
11035, 16113, 17827**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	10.48	45	14.50
Secchi Depth	0.84	30	0.83
Total Nitrogen	0.80	21	0.82
Total Phosphorus	0.10	40	0.03
10 Year Change in TSI	10.00	35	4.58
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes



**SegID: 0827 White Rock Lake**

From White Rock Dam in Dallas County up to the normal pool elevation of 458 feet (impounds White Rock Creek)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
11038**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	29.73	20	32.75
Secchi Depth	0.40	22	0.44
Total Nitrogen	0.80	18	0.96
Total Phosphorus	0.10	19	0.06
10 Year Change in TSI	10.00	0	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 0830 Benbrook Lake**

From Benbrook Dam in Tarrant County to a point 200 meters (220 yards) downstream of US 377 in Tarrant County, up to normal pool elevation of 694 feet (impounds Clear Fork Trinity River)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
15151**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	24.42	33	24.90
Secchi Depth	0.75	34	0.83
Total Nitrogen	0.80	46	0.78
Total Phosphorus	0.07	33	0.05
10 Year Change in TSI	10.00	51	3.52
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes

**SegID: 0836 Richland-Chambers Reservoir**

From Richland-Chambers Dam to a point immediately upstream of the confluence of Pin Oak Creek on the Richland Creek Arm and to a point 4.0 km (2.5 mi) downstream of Tupelo Branch on the Chambers Creek Arm, up to the normal pool elevation of 315 ft (impoun

**Nutrient Reservoir Criteria- Narrative****Station(s) used in evaluation:  
15168**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	13.88	33	14.68
Secchi Depth	1.13	28	0.91
Total Nitrogen	0.80	39	0.85
Total Phosphorus	0.04	32	0.04
10 Year Change in TSI	10.00	38	5.24
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes

**SegID: 1012 Lake Conroe**

From Conroe Dam in Montgomery County up to the normal pool elevation of 201 feet (impounds West Fork San Jacinto River)

**Nutrient Reservoir Criteria- Narrative****Station(s) used in evaluation:  
11342**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	21.72	28	11.00
Secchi Depth	0.82	85	1.00
Total Nitrogen	0.80	0	0.00
Total Phosphorus	0.05	49	0.05
10 Year Change in TSI	10.00	38	-1.00
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes

**SegID: 1203 Whitney Lake**

From Whitney Dam to a point immediately upstream of the confluence of Camp Creek on the Brazos River Arm and to a point immediately upstream of the confluence of Rock Creek on the Nolan River Arm, up to the normal pool elevation of 533 feet (impounds Braz

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
11851**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	16.18	24	14.00
Secchi Depth	1.32	33	1.30
Total Nitrogen	0.80	25	0.70
Total Phosphorus	0.03	22	0.03
10 Year Change in TSI	10.00	37	9.04

Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No

**SegID: 1205 Lake Granbury**

From DeCordova Bend Dam in Hood County to a point 100 meters (110 yards) upstream of FM 2580 in Parker County, up to normal pool elevation of 693 feet (impounds Brazos River)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
11860**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	20.15	84	21.20
Secchi Depth	0.99	87	0.92
Total Nitrogen	0.80	0	0.00
Total Phosphorus	0.07	82	0.03
10 Year Change in TSI	10.00	0	NA

Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes

**SegID: 1207**    **Possum Kingdom Lake**

From Morris Sheppard Dam in Palo Pinto County to a point immediately upstream of the confluence of Cove Creek at Salem Bend in Young County, up to the normal pool elevation of 1000 feet (impounds Brazos River)

**Nutrient Reservoir Criteria- Numeric****Station(s) used in evaluation:  
11865**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	10.74	82	8.65
Secchi Depth	2.22	83	1.90
Total Nitrogen	0.80	0	0.00
Total Phosphorus	0.05	78	0.03
10 Year Change in TSI	10.00	NA	NA

Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No

**SegID: 1208A**    **Millers Creek Reservoir**

Impoundment of Millers Creek, 12.5 mi southwest of Seymour in Baylor County

**Nutrient Reservoir Criteria- Narrative****Station(s) used in evaluation:  
11679**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	14.02	0	0.00
Secchi Depth	0.24	0	0.00
Total Nitrogen	0.80	0	0.00
Total Phosphorus	0.08	0	0.00
10 Year Change in TSI	10.00	0	NA

Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes

**SegID: 1212 Somerville Lake**

From Somerville Dam in Burleson/Washington County up to normal pool elevation of 238 feet (impounds Yegua Creek)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
11881**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	30.00	24	43.35
Secchi Depth	0.63	40	0.57
Total Nitrogen	0.80	25	1.31
Total Phosphorus	0.09	21	0.09
10 Year Change in TSI	10.00	34	4.64
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1216 Stillhouse Hollow Lake**

From Stillhouse Hollow Lake Dam in Bell County to a point immediately upstream of the confluence of Rock Creek in Bell County, up to normal pool elevation of 622 feet (impounds Lampasas River)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
11894**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	5.00	60	3.63
Secchi Depth	2.84	60	2.40
Total Nitrogen	0.80	0	0.00
Total Phosphorus	0.03	59	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1220 Belton Lake**

From Belton Dam in Bell County to a point 100 meters (110 yards) upstream of FM 236 in Coryell County, up to the normal pool elevation of 594 feet (impounds Leon River)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
11921**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	6.38	27	5.40
Secchi Depth	1.81	29	1.80
Total Nitrogen	0.80	0	0.00
Total Phosphorus	0.03	27	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1222 Proctor Lake**

From Proctor Dam in Comanche County to a point immediately upstream of the confluence of Mill Branch in Comanche County, up to the normal pool elevation of 1162 feet (impounds Leon River)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
11935**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	25.22	14	43.81
Secchi Depth	0.52	15	0.48
Total Nitrogen	0.80	0	0.00
Total Phosphorus	0.10	13	0.08
10 Year Change in TSI	10.00	21	12.00
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1225 Waco Lake**

From Lake Waco Dam to a point 0.51 km (0.32 mi) downstream of Caldwell Crossing on the North Bosque River; and to a point on the Middle Bosque River 1.64 km (1.02 mi) and to a point on the South Bosque River 1.35 km (0.84 mi) upstream of the confluence of

**Nutrient Reservoir Criteria- Narrative****Station(s) used in evaluation:  
11942**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	21.07	28	14.65
Secchi Depth	0.76	29	0.78
Total Nitrogen	0.80	23	0.74
Total Phosphorus	0.09	25	0.03
10 Year Change in TSI	10.00	36	6.52

Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No

**SegID: 1228 Lake Pat Cleburne**

From Cleburne Dam in Johnson County up to the normal pool elevation of 733.5 feet (impounds Nolan River)

**Nutrient Reservoir Criteria- Numeric****Station(s) used in evaluation:  
11974**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	19.04	24	17.35
Secchi Depth	0.45	25	0.60
Total Nitrogen	0.80	25	0.75
Total Phosphorus	0.08	23	0.04
10 Year Change in TSI	10.00	NA	NA

Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No

**SegID: 1231 Lake Graham**

From Graham Dam and Eddleman Dam in Young County up to the normal pool elevation of 1075 feet (impounds Salt Creek and Flint Creek)

**Nutrient Reservoir Criteria- Numeric****Station(s) used in evaluation:  
11979**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	6.07	16	7.65
Secchi Depth	0.61	17	0.88
Total Nitrogen	0.80	16	0.57
Total Phosphorus	0.05	13	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1233 Hubbard Creek Reservoir**

From Hubbard Creek Dam in Stephens County up to the normal pool elevation of 1183 feet (impounds Hubbard Creek)

**Nutrient Reservoir Criteria- Numeric****Station(s) used in evaluation:  
12002**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	5.61	10	5.08
Secchi Depth	1.16	0	0.00
Total Nitrogen	0.80	10	0.61
Total Phosphorus	0.04	10	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes



**SegID: 1234****Lake Cisco**

From Williamson Dam in Eastland County up to the normal pool elevation of 1496 feet (impounds Sandy Creek)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
12005**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	5.00	12	3.45
Secchi Depth	1.33	14	0.94
Total Nitrogen	0.80	12	0.54
Total Phosphorus	0.02	11	0.02
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1235****Lake Stamford**

From Stamford Dam in Haskell County up to the normal pool elevation of 1416.8 feet (impounds Paint Creek)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
12006**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	16.85	14	16.25
Secchi Depth	0.42	15	0.44
Total Nitrogen	0.80	13	1.14
Total Phosphorus	0.07	11	0.09
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1237 Lake Sweetwater**

From Sweetwater Dam in Nolan County up to the normal pool elevation of 2116.5 feet (impounds Bitter Creek)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
12021**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	11.81	4	27.20
Secchi Depth	0.74	4	0.27
Total Nitrogen	0.80	0	0.00
Total Phosphorus	0.74	3	0.11
10 Year Change in TSI	10.00	0	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1240 White River Lake**

From White River Dam in Crosby County up to the normal pool elevation of 2372.2 feet (impounds White River)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
12027**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	13.85	10	14.15
Secchi Depth	0.42	10	0.42
Total Nitrogen	0.80	10	1.03
Total Phosphorus	0.06	10	0.06
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1247 Granger Lake**

From Granger Dam in Williamson County to a point 1.9 km (1.2 mi) downstream of SH 95 in Williamson County, up to normal pool elevation of 504 feet (impounds San Gabriel River)

**Nutrient Reservoir Criteria- Narrative****Station(s) used in evaluation:  
12095**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	10.43	65	13.03
Secchi Depth	0.41	64	0.39
Total Nitrogen	0.80	0	0.00
Total Phosphorus	0.06	62	0.03
10 Year Change in TSI	10.00	84	14.08
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1249 Lake Georgetown**

From North San Gabriel Dam in Williamson County to a point 6.6 km (4.1 mi) downstream of US 183 in Williamson County, up to normal pool elevation of 791 feet (impounds North Fork San Gabriel River)

**Nutrient Reservoir Criteria- Numeric****Station(s) used in evaluation:  
12111**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	5.00	62	5.80
Secchi Depth	1.86	62	1.50
Total Nitrogen	0.80	0	0.00
Total Phosphorus	0.04	59	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1252 Lake Limestone**

From Sterling C. Robertson Dam in Leon/Robertson County to a point 2.3 km (1.4 mi) downstream of SH 164 in Limestone County, up to normal pool elevation of 363 feet (impounds Navasota River)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
12123**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	17.40	28	32.51
Secchi Depth	0.70	29	0.70
Total Nitrogen	0.80	0	0.00
Total Phosphorus	0.08	26	0.06
10 Year Change in TSI	10.00	48	10.88
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1254 Aquilla Reservoir**

From Aquilla Dam in Hill County up to the normal pool elevation of 537.5 feet (impounds Aquilla Creek)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
12127**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	12.48	28	12.65
Secchi Depth	0.58	27	0.55
Total Nitrogen	0.80	23	1.09
Total Phosphorus	0.04	25	0.03
10 Year Change in TSI	10.00	42	4.64
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1403 Lake Austin**

From Tom Miller Dam in Travis County to Mansfield Dam in Travis County, up to normal pool elevation of 492.8 feet (impounds Colorado River)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
12294**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	5.00	42	3.90
Secchi Depth	1.82	43	1.60
Total Nitrogen	0.80	52	0.44
Total Phosphorus	0.03	41	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes

**SegID: 1404 Lake Travis**

From Mansfield Dam in Travis County to Max Starcke Dam on the Colorado River Arm in Burnet County and to a point immediately upstream of the confluence of Fall Creek on the Pedernales River Arm in Travis County, up to the normal pool elevation of 681.6 feet

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
12302**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	5.00	42	2.85
Secchi Depth	3.13	43	2.60
Total Nitrogen	0.80	46	0.36
Total Phosphorus	0.03	42	0.02
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes

**SegID: 1405 Marble Falls Lake**

From Max Starcke Dam in Burnet County to Alvin Wirtz Dam in Burnet County, up to normal pool elevation of 738 feet (impounds the Colorado River)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
12319**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	10.48	41	10.80
Secchi Depth	1.24	42	1.50
Total Nitrogen	0.80	52	0.56
Total Phosphorus	0.03	41	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1406 Lake Lyndon B. Johnson**

From Alvin Wirtz Dam in Burnet County to Roy Inks Dam on the Colorado River Arm in Burnet/Llano County and to a point immediately upstream of the confluence of Honey Creek on the Llano River Arm in Llano County, up to the normal pool elevation of 825.6 feet

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
12324**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	10.29	41	11.60
Secchi Depth	1.23	43	1.40
Total Nitrogen	0.80	46	0.58
Total Phosphorus	0.03	42	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes

**SegID: 1408 Lake Buchanan**

From Buchanan Dam in Burnet/Llano County to a point immediately upstream of the confluence of Yancey Creek, up to normal pool elevation of 1020.5 feet (impounds Colorado River)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
12344**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	9.82	42	10.75
Secchi Depth	1.64	43	1.20
Total Nitrogen	0.80	42	0.61
Total Phosphorus	0.03	42	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1412A Lake Colorado City**

From Lake Colorado City Dam up to normal pool elevation of 2070.0 feet southwest of Colorado City in Mitchell County (impounds Morgans Creek)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
12167**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	13.94	0	0.00
Secchi Depth	0.67	0	0.00
Total Nitrogen	0.80	0	0.00
Total Phosphorus	0.05	0	0.00
10 Year Change in TSI	10.00	0	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes

**SegID: 1416B Brady Creek Reservoir**

From Brady Creek Reservoir dam up to pool elevation 1,743 feet

**Nutrient Reservoir Criteria- Narrative****Station(s) used in evaluation:  
12179**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	21.97	17	29.10
Secchi Depth	0.59	20	0.63
Total Nitrogen	0.80	18	1.51
Total Phosphorus	0.03	16	0.05
10 Year Change in TSI	10.00	34	4.20
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1419 Lake Coleman**

From Coleman Dam in Coleman County up to the normal pool elevation of 1717.5 feet (impounds Jim Ned Creek)

**Nutrient Reservoir Criteria- Numeric****Station(s) used in evaluation:  
12398**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	6.07	10	4.80
Secchi Depth	1.08	0	0.00
Total Nitrogen	0.80	10	0.74
Total Phosphorus	0.02	10	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No



**SegID: 1422 Lake Nasworthy**

From Nasworthy Dam in Tom Green County to Twin Buttes Dam in Tom Green County, up to the normal pool elevation of 1872.2 feet (impounds South Concho River)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
12418**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	16.91	26	10.50
Secchi Depth	0.46	28	0.58
Total Nitrogen	0.80	20	0.94
Total Phosphorus	0.05	25	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1423 Twin Buttes Reservoir**

From Twin Buttes Dam to a point 100 meters (110 yards) upstream of US 67 on the Middle Concho River Arm and to a point 4.0 km (2.5 miles) downstream of FM 2335 on the South Concho River Arm, up to the normal pool elevation of 1940.2 feet (impounds Middle

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
12422**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	12.70	19	8.50
Secchi Depth	0.55	21	0.58
Total Nitrogen	0.80	7	0.88
Total Phosphorus	0.09	18	0.03
10 Year Change in TSI	10.00	29	4.58
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1425 O. C. Fisher Lake**

From San Angelo Dam in Tom Green County up to normal pool elevation of 1908 feet (impounds North Concho River)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
12429**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	30.00	14	54.85
Secchi Depth	0.28	15	0.30
Total Nitrogen	0.80	6	4.66
Total Phosphorus	0.14	14	0.22
10 Year Change in TSI	10.00	24	21.72
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes

**SegID: 1426A Oak Creek Reservoir**

From Oak Creek Dam up to normal pool elevation of 2,000.0 feet north of Bronte in Coke County (impounds Oak Creek)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
12180**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	6.93	14	5.24
Secchi Depth	0.59	13	1.20
Total Nitrogen	0.80	13	0.81
Total Phosphorus	0.03	11	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1429 Lady Bird Lake (formerly Town Lake)**

From Longhorn Dam in Travis County to Tom Miller Dam in Travis County, up to the normal pool elevation of 429 feet (impounds Colorado River)

**Nutrient Reservoir Criteria- Numeric****Station(s) used in evaluation:  
12476**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	7.56	25	11.40
Secchi Depth	1.69	25	1.40
Total Nitrogen	0.80	20	0.54
Total Phosphorus	0.04	14	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1433 O. H. Ivie Reservoir**

From S. W. Freese Dam to a point 3.7 km (2.3 mi) downstream of the confluence of Mustang Creek on the Colorado River Arm and to a point 2.0 km (1.2 mi) upstream of the confluence of Fuzzy Creek on the Concho River Arm, up to the conservation pool level of

**Nutrient Reservoir Criteria- Numeric****Station(s) used in evaluation:  
12511**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	5.77	15	5.70
Secchi Depth	1.74	20	1.90
Total Nitrogen	0.80	11	0.77
Total Phosphorus	0.03	19	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1805 Canyon Lake**

From Canyon Dam in Comal County to a point 2.7 km (1.7 mi) downstream of Rebecca Creek Road in Comal County, up to normal pool elevation of 909 feet (impounds Guadalupe River)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
12597**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	5.00	26	1.50
Secchi Depth	2.17	25	3.30
Total Nitrogen	0.80	24	0.32
Total Phosphorus	0.03	22	0.01
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 1904 Medina Lake**

From Medina Lake Dam in Medina County to a point immediately upstream of the confluence of Red Bluff Creek in Bandera County, up to the normal pool elevation of 1072 feet (impounds Medina River)

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
12825**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	5.00	12	1.50
Secchi Depth	2.49	17	2.50
Total Nitrogen	0.80	16	0.36
Total Phosphorus	0.01	14	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 2103 Lake Corpus Christi**

From Wesley E. Seale Dam in Jim Wells/San Patricio County to a point 100 meters (110 yards) upstream of US 59 in Live Oak County, up to normal pool elevation of 94 feet (impounds Nueces River)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
12967**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	15.01	28	15.90
Secchi Depth	0.41	36	0.34
Total Nitrogen	0.80	13	1.53
Total Phosphorus	0.18	28	0.16
10 Year Change in TSI	10.00	0	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 2116 Choke Canyon Reservoir**

From Choke Canyon Dam in Live Oak County to a point 4.2 km (2.6 mi) downstream of SH 16 on the Frio River Arm in McMullen County and to a point 100 meters (110 yards) upstream of the confluence of Mustang Branch on the San Miguel Creek Arm in McMullen

**Nutrient Reservoir Criteria- Numeric**

**Station(s) used in evaluation:  
13020**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	12.05	15	10.80
Secchi Depth	0.99	0	0.00
Total Nitrogen	0.80	0	0.00
Total Phosphorus	0.05	8	0.03
10 Year Change in TSI	10.00	NA	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			No

**SegID: 2312 Red Bluff Reservoir**

From Red Bluff Dam in Loving/Reeves County to New Mexico State Line in Loving/Reeves County, up to normal pool elevation 2842 feet (impounds Pecos River)

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
13267**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	21.96	11	23.60
Secchi Depth	0.78	14	0.82
Total Nitrogen	0.80	10	1.22
Total Phosphorus	0.04	9	0.03
10 Year Change in TSI	10.00	15	6.24
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes

**SegID: 2454A Cox Lake**

From the Cox Lake dam located 4.0 km (2.5 mi) southeast of Point Comfort in Calhoun County to the Calhoun/Jackson County line

**Nutrient Reservoir Criteria- Narrative**

**Station(s) used in evaluation:  
12514**

Parameter	Criteria/Threshold	Samples Assessed	Median
Chlorophyll-a	11.90	26	13.00
Secchi Depth	0.12	22	0.10
Total Nitrogen	0.80	22	1.57
Total Phosphorus	0.29	21	0.25
10 Year Change in TSI	10.00	0	NA
Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir?			Yes