

# Draft 2024 Texas Integrated Report - Supplemental Data For Reservoir Nutrient Assessment

## 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) and name 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 follows 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 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 2018 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.*

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| Seg ID:0199A- Palo Duro Reservoir<br>Narrative  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 16               | 3.78   | 10005                       |
| Chlorophyll-a   | 19.02              | 10               | 37.2   |                             |
| Secchi Depth  | 0.3                | 11               | 0.2    |                             |
| Total Nitrogen  | 0.8                | 9                | 1.575  |                             |
| Total Phosphorus  | 0.24               | 10               | 0.256  |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:0208 - Lake Crook<br>Numeric   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 36               | 11.34  | 10137                       |
| Chlorophyll-a   | 7.38               | 24               | 17.75  |                             |
| Secchi Depth  | 0.19               | 25               | 0.35   |                             |
| Total Nitrogen  | 0.8                | 22               | 0.9246 |                             |
| Total Phosphorus  | 0.2                | 23               | 0.09   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:0209 - Pat Mayse Lake<br>Numeric   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 37               | 0.34   | 10138, 16343                |
| Chlorophyll-a   | 12.4               | 24               | 16.3   |                             |
| Secchi Depth  | 1.12               | 26               | 1      |                             |
| Total Nitrogen  | 0.8                | 23               | 0.74   |                             |
| Total Phosphorus  | 0.04               | 23               | 0.04   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:0212 - Lake Arrowhead<br>Narrative   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 35               | 0.02   | 10142                       |
| Chlorophyll-a   | 9.93               | 23               | 9.27   |                             |
| Secchi Depth  | 0.55               | 23               | 0.6    |                             |
| Total Nitrogen  | 0.8                | 22               | 0.7285 |                             |
| Total Phosphorus  | 0.16               | 20               | 0.129  |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:0213 - Lake Kickapoo<br>Numeric  |                    |                  |         |                             |
|---|--------------------|------------------|---------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median  | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 34               | 0.74    | 10143                       |
| Chlorophyll-a   | 6.13               | 23               | 4.84    |                             |
| Secchi Depth  | 0.28               | 23               | 0.4     |                             |
| Total Nitrogen  | 0.8                | 22               | 0.4455  |                             |
| Total Phosphorus  | 0.09               | 20               | 0.03125 |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |         |                             |

| Seg ID:0217 - Lake Kemp<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 35               | -1.02  | 10159                       |
| Chlorophyll-a   | 8.83               | 23               | 8.95   |                             |
| Secchi Depth  | 1.08               | 23               | 1.1    |                             |
| Total Nitrogen  | 0.8                | 21               | 0.576  |                             |
| Total Phosphorus  | 0.03               | 20               | 0.01   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:0223 - Greenbelt Lake<br>Numeric   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 23               | 6.4    | 10173                       |
| Chlorophyll-a   | 5                  | 12               | 7.66   |                             |
| Secchi Depth  | 1.73               | 13               | 0.9    |                             |
| Total Nitrogen  | 0.8                | 14               | 0.895  |                             |
| Total Phosphorus  | 0.03               | 13               | 0.03   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:0229A- Lake Tanglewood<br>Narrative  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 25               | 1.42   | 10192                       |
| Chlorophyll-a   | 30                 | 15               | 59.8   |                             |
| Secchi Depth  | 0.57               | 15               | 0.8    |                             |
| Total Nitrogen  | 0.8                | 15               | 11.08  |                             |
| Total Phosphorus  | 1.23               | 15               | 1.03   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:0302 - Wright Patman Lake<br>Narrative   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 75               | -2.44  | 10213, 14907                |
| Chlorophyll-a   | 18.74              | 24               | 30.3   |                             |
| Secchi Depth  | 0.52               | 54               | 0.6    |                             |
| Total Nitrogen  | 0.8                | 24               | 0.7    |                             |
| Total Phosphorus  | 0.11               | 25               | 0.07   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:0405 - Lake Cypress Springs<br>Numeric   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 39               | 4.42   | 10312                       |
| Chlorophyll-a   | 17.54              | 27               | 29     |                             |
| Secchi Depth  | 1.19               | 33               | 1      |                             |
| Total Nitrogen  | 0.8                | 27               | 0.84   |                             |
| Total Phosphorus  | 0.03               | 29               | 0.04   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:0507 - Lake Tawakoni<br>Narrative  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 104              | -1.7   | 10434                       |
| Chlorophyll-a   | 30                 | 72               | 27     |                             |
| Secchi Depth  | 0.89               | 74               | 0.725  |                             |
| Total Nitrogen  | 0.8                | 70               | 0.995  |                             |
| Total Phosphorus  | 0.05               | 67               | 0.03   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:0509 - Murvaul Lake<br>Narrative   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 35               | -0.94  | 10444                       |
| Chlorophyll-a   | 30                 | 24               | 36.45  |                             |
| Secchi Depth  | 0.55               | 27               | 0.7    |                             |
| Total Nitrogen  | 0.8                | 24               | 0.885  |                             |
| Total Phosphorus  | 0.07               | 26               | 0.0508 |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:0510 - Lake Cherokee<br>Numeric   |                    |                  |        |                             |
|--|--------------------|------------------|--------|-----------------------------|
| Parameter  | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI  | 10                 | 33               | 2.64   | 10445, 15514                |
| Chlorophyll-a  | 8.25               | 21               | 11     |                             |
| Secchi Depth   | 1.21               | 43               | 0.95   |                             |
| Total Nitrogen   | 0.8                | 2                | 0.65   |                             |
| Total Phosphorus   | 0.02               | 2                | 0.03   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes |                    |                  |        |                             |

| Seg ID:0512 - Lake Fork Reservoir<br>Narrative  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 108              | 2.34   | 10458                       |
| Chlorophyll-a   | 13.1               | 74               | 15     |                             |
| Secchi Depth  | 1.46               | 76               | 0.99   |                             |
| Total Nitrogen  | 0.8                | 70               | 0.88   |                             |
| Total Phosphorus  | 0.04               | 68               | 0.03   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:0603 - B.A. Steinhagen Lake<br>Numeric   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 36               | -0.26  | 10582                       |
| Chlorophyll-a   | 11.67              | 24               | 10.05  |                             |
| Secchi Depth  | 0.37               | 25               | 0.35   |                             |
| Total Nitrogen  | 0.8                | 22               | 0.5425 |                             |
| Total Phosphorus  | 0.08               | 24               | 0.06   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:0605 - Lake Palestine<br>Narrative  |                    |                  |         |                             |
|--|--------------------|------------------|---------|-----------------------------|
| Parameter  | Criteria Threshold | Samples Assessed | Median  | Stations Used In Evaluation |
| 10 Year Change in TSI  | 10                 | 36               | 0.02    | 16159                       |
| Chlorophyll-a  | 24.29              | 25               | 29      |                             |
| Secchi Depth   | 0.82               | 28               | 0.975   |                             |
| Total Nitrogen   | 0.8                | 26               | 0.841   |                             |
| Total Phosphorus   | 0.03               | 26               | 0.03225 |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes |                    |                  |         |                             |

| Seg ID:0610 - Sam Rayburn Reservoir<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 34               | 0.6    | 14906                       |
| Chlorophyll-a   | 6.22               | 46               | 8.665  |                             |
| Secchi Depth  | 1.82               | 52               | 1.05   |                             |
| Total Nitrogen  | 0.8                | 46               | 0.46   |                             |
| Total Phosphorus  | 0.03               | 48               | 0.03   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:0613 - Lake Tyler<br>Numeric   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 64               | 1.68   | 10637                       |
| Chlorophyll-a   | 13.38              | 22               | 14.2   |                             |
| Secchi Depth  | 1.06               | 26               | 1.5    |                             |
| Total Nitrogen  | 0.8                | 23               | 0.482  |                             |
| Total Phosphorus  | 0.03               | 24               | 0.015  |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:0613.- Lake Tyler East<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 64               | 1.68   | 10638                       |
| Chlorophyll-a   | 10.88              | 22               | 11     |                             |
| Secchi Depth  | 1.06               | 26               | 1.45   |                             |
| Total Nitrogen  | 0.8                | 21               | 0.52   |                             |
| Total Phosphorus  | 0.03               | 23               | 0.02   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:0614 - Lake Jacksonville<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 28               | -1.4   | 10639                       |
| Chlorophyll-a   | 5.6                | 18               | 2.55   |                             |
| Secchi Depth  | 1.34               | 27               | 2.4    |                             |
| Total Nitrogen  | 0.8                | 22               | 0.335  |                             |
| Total Phosphorus  | 0.03               | 23               | 0.01   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:0803 - Lake Livingston<br>Narrative   |                    |                  |        |                             |
|--|--------------------|------------------|--------|-----------------------------|
| Parameter  | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI  | 10                 | 35               | 0.92   | 10899                       |
| Chlorophyll-a  | 20.64              | 23               | 20     |                             |
| Secchi Depth   | 0.67               | 23               | 0.4    |                             |
| Total Nitrogen   | 0.8                | 19               | 0.75   |                             |
| Total Phosphorus   | 0.16               | 22               | 0.09   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes |                    |                  |        |                             |



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| Seg ID:0807 - Lake Worth<br>Narrative   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 44               | -3.38  | 10942                       |
| Chlorophyll-a   | 30                 | 30               | 13.95  |                             |
| Secchi Depth  | 0.65               | 30               | 0.625  |                             |
| Total Nitrogen  | 0.8                | 29               | 0.866  |                             |
| Total Phosphorus  | 0.09               | 31               | 0.048  |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:0809 - Eagle Mountain Reservoir<br>Narrative   |                    |                  |         |                             |
|---|--------------------|------------------|---------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median  | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 43               | -3.9    | 10944, 10945                |
| Chlorophyll-a   | 22.94              | 31               | 11.4    |                             |
| Secchi Depth  | 0.8                | 31               | 0.89    |                             |
| Total Nitrogen  | 0.8                | 30               | 0.76495 |                             |
| Total Phosphorus  | 0.07               | 30               | 0.0468  |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |         |                             |

| Seg ID:0811 - Bridgeport Reservoir<br>Numeric   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 43               | 2.38   | 10970                       |
| Chlorophyll-a   | 5.32               | 30               | 5.34   |                             |
| Secchi Depth  | 1.01               | 29               | 1.1    |                             |
| Total Nitrogen  | 0.8                | 29               | 0.555  |                             |
| Total Phosphorus  | 0.06               | 30               | 0.0235 |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:0813 - Houston County Lake<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 34               | 4.66   | 10973                       |
| Chlorophyll-a   | 11.1               | 23               | 17.4   |                             |
| Secchi Depth  | 1.27               | 27               | 1.1    |                             |
| Total Nitrogen  | 0.8                | 23               | 0.61   |                             |
| Total Phosphorus  | 0.03               | 25               | 0.0204 |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:0815 - Bardwell Reservoir<br>Narrative   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 36               | 0.56   | 10979                       |
| Chlorophyll-a   | 20.44              | 26               | 19.5   |                             |
| Secchi Depth  | 0.56               | 27               | 0.32   |                             |
| Total Nitrogen  | 0.8                | 0                | 0      |                             |
| Total Phosphorus  | 0.05               | 27               | 0.051  |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:0816 - Lake Waxahachie<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 37               | -0.46  | 10980                       |
| Chlorophyll-a   | 19.77              | 27               | 14     |                             |
| Secchi Depth  | 0.63               | 28               | 0.53   |                             |
| Total Nitrogen  | 0.8                | 0                | 0      |                             |
| Total Phosphorus  | 0.03               | 28               | 0.03   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:0817 - Navarro Mills Lake<br>Numeric   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 33               | 4.22   | 10981                       |
| Chlorophyll-a   | 15.07              | 22               | 14.3   |                             |
| Secchi Depth  | 0.37               | 23               | 0.49   |                             |
| Total Nitrogen  | 0.8                | 23               | 0.96   |                             |
| Total Phosphorus  | 0.08               | 24               | 0.06   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:0818 - Cedar Creek Reservoir<br>Narrative   |                    |                  |        |                             |
|--|--------------------|------------------|--------|-----------------------------|
| Parameter  | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI  | 10                 | 89               | NA     | 10982, 16748                |
| Chlorophyll-a  | 27.81              | 62               | 9.645  |                             |
| Secchi Depth   | 0.8                | 58               | 0.925  |                             |
| Total Nitrogen   | 0.8                | 59               | 0.876  |                             |
| Total Phosphorus   | 0.07               | 60               | 0.0307 |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes |                    |                  |        |                             |

| Seg ID:0823 - Lewisville Lake<br>Narrative  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 23               | -0.24  | 11027, 17830                |
| Chlorophyll-a   | 16.39              | 0                | 0      |                             |
| Secchi Depth  | 0.6                | 12               | 0.53   |                             |
| Total Nitrogen  | 0.8                | 0                | 0      |                             |
| Total Phosphorus  | 0.06               | 12               | 0.025  |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:0826 - Grapevine Lake<br>Narrative   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 45               | NA     | 11035, 16113                |
| Chlorophyll-a   | 10.48              | 27               | 16.9   |                             |
| Secchi Depth  | 0.84               | 28               | 0.895  |                             |
| Total Nitrogen  | 0.8                | 26               | 0.739  |                             |
| Total Phosphorus  | 0.1                | 27               | 0.03   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:0827 - White Rock Lake<br>Narrative   |                    |                  |        |                             |
|--|--------------------|------------------|--------|-----------------------------|
| Parameter  | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI  | 10                 | 35               | 0.18   | 11038                       |
| Chlorophyll-a  | 29.73              | 25               | 33.3   |                             |
| Secchi Depth   | 0.4                | 27               | 0.6    |                             |
| Total Nitrogen   | 0.8                | 24               | 1.045  |                             |
| Total Phosphorus   | 0.1                | 27               | 0.07   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes |                    |                  |        |                             |

| Seg ID:0830 - Benbrook Lake<br>Narrative  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 46               | -4.16  | 11046, 15151                |
| Chlorophyll-a   | 24.42              | 31               | 10.7   |                             |
| Secchi Depth  | 0.75               | 32               | 0.79   |                             |
| Total Nitrogen  | 0.8                | 32               | 0.831  |                             |
| Total Phosphorus  | 0.07               | 31               | 0.0303 |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:0836 - Richland-Chambers Reservoir<br>Narrative   |                    |                  |         |                             |
|--|--------------------|------------------|---------|-----------------------------|
| Parameter  | Criteria Threshold | Samples Assessed | Median  | Stations Used In Evaluation |
| 10 Year Change in TSI  | 10                 | 41               | -1.44   | 15168                       |
| Chlorophyll-a  | 13.88              | 30               | 5.5     |                             |
| Secchi Depth   | 1.13               | 29               | 1.1     |                             |
| Total Nitrogen   | 0.8                | 32               | 0.8485  |                             |
| Total Phosphorus   | 0.04               | 30               | 0.02555 |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes |                    |                  |         |                             |

| Seg ID:1012 - Lake Conroe<br>Narrative  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 37               | 1.56   | 11342                       |
| Chlorophyll-a   | 21.72              | 26               | 17     |                             |
| Secchi Depth  | 0.82               | 80               | 0.9    |                             |
| Total Nitrogen  | 0.8                | 10               | 0.74   |                             |
| Total Phosphorus  | 0.05               | 80               | 0.05   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1203 - Whitney Lake<br>Narrative  |                    |                  |        |                             |
|--|--------------------|------------------|--------|-----------------------------|
| Parameter  | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI  | 10                 | 31               | NA     | 11851                       |
| Chlorophyll-a  | 16.18              | 9                | 8.66   |                             |
| Secchi Depth   | 1.32               | 11               | 1.5    |                             |
| Total Nitrogen   | 0.8                | 10               | 0.66   |                             |
| Total Phosphorus   | 0.03               | 11               | 0.02   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes |                    |                  |        |                             |

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| Seg ID:1205 - Lake Granbury<br>Narrative   |                    |                  |        |                             |
|--|--------------------|------------------|--------|-----------------------------|
| Parameter  | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI  | 10                 | 113              | -1.64  | 11860                       |
| Chlorophyll-a  | 20.15              | 77               | 17.4   |                             |
| Secchi Depth   | 0.99               | 78               | 0.915  |                             |
| Total Nitrogen   | 0.8                | 0                | 0      |                             |
| Total Phosphorus   | 0.07               | 77               | 0.025  |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes |                    |                  |        |                             |

| Seg ID:1207 - Possum Kingdom Lake<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 114              | -2.8   | 11865                       |
| Chlorophyll-a   | 10.74              | 78               | 6.3    |                             |
| Secchi Depth  | 2.22               | 79               | 2.15   |                             |
| Total Nitrogen  | 0.8                | 0                | 0      |                             |
| Total Phosphorus  | 0.05               | 78               | 0.025  |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1212 - Somerville Lake<br>Narrative  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 31               | -0.72  | 11881                       |
| Chlorophyll-a   | 30                 | 21               | 34.3   |                             |
| Secchi Depth  | 0.63               | 21               | 0.69   |                             |
| Total Nitrogen  | 0.8                | 21               | 0.913  |                             |
| Total Phosphorus  | 0.09               | 22               | 0.065  |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:1216 - Stillhouse Hollow Lake<br>Numeric   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 38               | -2.94  | 11894                       |
| Chlorophyll-a   | 5                  | 26               | 1.5    |                             |
| Secchi Depth  | 2.84               | 28               | 3.25   |                             |
| Total Nitrogen  | 0.8                | 0                | 0      |                             |
| Total Phosphorus  | 0.03               | 26               | 0.025  |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1220 - Belton Lake<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 38               | -0.4   | 11921                       |
| Chlorophyll-a   | 6.38               | 26               | 4.15   |                             |
| Secchi Depth  | 1.81               | 27               | 1.8    |                             |
| Total Nitrogen  | 0.8                | 0                | 0      |                             |
| Total Phosphorus  | 0.03               | 26               | 0.025  |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1222 - Proctor Lake<br>Narrative   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 18               | 0.26   | 11935                       |
| Chlorophyll-a   | 25.22              | 13               | 32.7   |                             |
| Secchi Depth  | 0.52               | 15               | 0.5    |                             |
| Total Nitrogen  | 0.8                | 0                | 0      |                             |
| Total Phosphorus  | 0.1                | 13               | 0.09   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:1225 - Waco Lake<br>Narrative   |                    |                  |        |                             |
|--|--------------------|------------------|--------|-----------------------------|
| Parameter  | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI  | 10                 | 33               | 2.18   | 11942                       |
| Chlorophyll-a  | 21.07              | 21               | 15.9   |                             |
| Secchi Depth   | 0.76               | 23               | 0.76   |                             |
| Total Nitrogen   | 0.8                | 21               | 0.73   |                             |
| Total Phosphorus   | 0.09               | 21               | 0.04   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes |                    |                  |        |                             |

| Seg ID:1228 - Lake Pat Cleburne<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 37               | 3.6    | 11974                       |
| Chlorophyll-a   | 19.04              | 26               | 29.35  |                             |
| Secchi Depth  | 0.45               | 29               | 0.72   |                             |
| Total Nitrogen  | 0.8                | 27               | 0.75   |                             |
| Total Phosphorus  | 0.08               | 28               | 0.05   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1231 - Lake Graham<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 21               | 5.72   | 11979                       |
| Chlorophyll-a   | 6.07               | 15               | 11.6   |                             |
| Secchi Depth  | 0.61               | 16               | 0.725  |                             |
| Total Nitrogen  | 0.8                | 15               | 0.58   |                             |
| Total Phosphorus  | 0.05               | 16               | 0.04   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |



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| Seg ID:1233 - Hubbard Creek Reservoir<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 22               | 2.42   | 12002                       |
| Chlorophyll-a   | 5.61               | 17               | 4.88   |                             |
| Secchi Depth  | 1.16               | 20               | 1.2    |                             |
| Total Nitrogen  | 0.8                | 18               | 0.51   |                             |
| Total Phosphorus  | 0.04               | 19               | 0.02   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1234 - Lake Cisco<br>Numeric   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 23               | 0.74   | 12005                       |
| Chlorophyll-a   | 5                  | 18               | 3.4    |                             |
| Secchi Depth  | 1.33               | 19               | 0.92   |                             |
| Total Nitrogen  | 0.8                | 17               | 0.46   |                             |
| Total Phosphorus  | 0.02               | 19               | 0.01   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1235 - Lake Stamford<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 21               | 5.98   | 12006                       |
| Chlorophyll-a   | 16.85              | 15               | 13.4   |                             |
| Secchi Depth  | 0.42               | 17               | 0.5    |                             |
| Total Nitrogen  | 0.8                | 16               | 0.89   |                             |
| Total Phosphorus  | 0.07               | 17               | 0.06   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:1237 - Lake Sweetwater<br>Narrative  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 25               | NA     | 12021                       |
| Chlorophyll-a   | 11.81              | 19               | 12     |                             |
| Secchi Depth  | 0.74               | 22               | 1      |                             |
| Total Nitrogen  | 0.8                | 21               | 1.12   |                             |
| Total Phosphorus  | 0.74               | 21               | 0.0242 |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1240 - White River Lake<br>Numeric   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 34               | 6.24   | 12027                       |
| Chlorophyll-a   | 13.85              | 23               | 11.55  |                             |
| Secchi Depth  | 0.42               | 28               | 0.2    |                             |
| Total Nitrogen  | 0.8                | 27               | 0.78   |                             |
| Total Phosphorus  | 0.06               | 26               | 0.05   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1247 - Granger Lake<br>Narrative   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 38               | 0.94   | 12095                       |
| Chlorophyll-a   | 10.43              | 26               | 14.4   |                             |
| Secchi Depth  | 0.41               | 26               | 0.42   |                             |
| Total Nitrogen  | 0.8                | 0                | 0      |                             |
| Total Phosphorus  | 0.06               | 26               | 0.025  |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:1249 - Lake Georgetown<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 38               | -4.22  | 12111                       |
| Chlorophyll-a   | 5                  | 26               | 1.5    |                             |
| Secchi Depth  | 1.86               | 26               | 2      |                             |
| Total Nitrogen  | 0.8                | 0                | 0      |                             |
| Total Phosphorus  | 0.04               | 26               | 0.025  |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1252 - Lake Limestone<br>Narrative  |                    |                  |        |                             |
|--|--------------------|------------------|--------|-----------------------------|
| Parameter  | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI  | 10                 | 85               | 0.1    | 12123                       |
| Chlorophyll-a  | 17.4               | 71               | 21.3   |                             |
| Secchi Depth   | 0.7                | 75               | 0.7    |                             |
| Total Nitrogen   | 0.8                | 0                | 0      |                             |
| Total Phosphorus   | 0.08               | 73               | 0.05   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes |                    |                  |        |                             |

| Seg ID:1254 - Aquilla Reservoir<br>Narrative  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 33               | 4.06   | 12127                       |
| Chlorophyll-a   | 12.48              | 21               | 18     |                             |
| Secchi Depth  | 0.58               | 23               | 0.55   |                             |
| Total Nitrogen  | 0.8                | 21               | 0.912  |                             |
| Total Phosphorus  | 0.04               | 21               | 0.044  |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:1403 - Lake Austin<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 67               | 4.58   | 12294                       |
| Chlorophyll-a   | 5                  | 49               | 3.5    |                             |
| Secchi Depth  | 1.82               | 51               | 2      |                             |
| Total Nitrogen  | 0.8                | 47               | 0.41   |                             |
| Total Phosphorus  | 0.03               | 50               | 0.01   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1404 - Lake Travis<br>Numeric   |                    |                  |        |                             |
|--|--------------------|------------------|--------|-----------------------------|
| Parameter  | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI  | 10                 | 71               | -2.14  | 12302                       |
| Chlorophyll-a  | 5                  | 53               | 1      |                             |
| Secchi Depth   | 3.13               | 53               | 4.1    |                             |
| Total Nitrogen   | 0.8                | 47               | 0.35   |                             |
| Total Phosphorus   | 0.03               | 53               | 0.01   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes |                    |                  |        |                             |

| Seg ID:1405 - Marble Falls Lake<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 68               | 4.1    | 12319                       |
| Chlorophyll-a   | 10.48              | 50               | 10.4   |                             |
| Secchi Depth  | 1.24               | 50               | 1.4    |                             |
| Total Nitrogen  | 0.8                | 49               | 0.58   |                             |
| Total Phosphorus  | 0.03               | 50               | 0.01   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:1406 - Lake Lyndon B. Johnson<br>Numeric   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 69               | 1.72   | 12324                       |
| Chlorophyll-a   | 10.29              | 52               | 11.4   |                             |
| Secchi Depth  | 1.23               | 52               | 1.5    |                             |
| Total Nitrogen  | 0.8                | 51               | 0.57   |                             |
| Total Phosphorus  | 0.03               | 52               | 0.01   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1408 - Lake Buchanan<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 71               | -1.26  | 12344                       |
| Chlorophyll-a   | 9.82               | 53               | 7      |                             |
| Secchi Depth  | 1.64               | 53               | 1.8    |                             |
| Total Nitrogen  | 0.8                | 46               | 0.535  |                             |
| Total Phosphorus  | 0.03               | 53               | 0.01   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1416B- Brady Creek Reservoir<br>Narrative  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 26               | 4.62   | 12179                       |
| Chlorophyll-a   | 21.97              | 20               | 19.15  |                             |
| Secchi Depth  | 0.59               | 20               | 0.865  |                             |
| Total Nitrogen  | 0.8                | 20               | 1.4    |                             |
| Total Phosphorus  | 0.03               | 20               | 0.04   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:1419 - Lake Coleman<br>Numeric   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 19               | 0.76   | 12398                       |
| Chlorophyll-a   | 6.07               | 13               | 7.57   |                             |
| Secchi Depth  | 1.08               | 15               | 1.2    |                             |
| Total Nitrogen  | 0.8                | 14               | 0.6    |                             |
| Total Phosphorus  | 0.02               | 15               | 0.01   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1422 - Lake Nasworthy<br>Numeric   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 25               | 3.52   | 12418                       |
| Chlorophyll-a   | 16.91              | 20               | 14.45  |                             |
| Secchi Depth  | 0.46               | 19               | 0.57   |                             |
| Total Nitrogen  | 0.8                | 21               | 0.85   |                             |
| Total Phosphorus  | 0.05               | 21               | 0.04   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1423 - Twin Buttes Reservoir<br>Narrative  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 23               | -4.66  | 12422                       |
| Chlorophyll-a   | 12.7               | 18               | 12.25  |                             |
| Secchi Depth  | 0.55               | 20               | 0.975  |                             |
| Total Nitrogen  | 0.8                | 21               | 0.81   |                             |
| Total Phosphorus  | 0.09               | 21               | 0.0216 |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:1425 - O.C. Fisher Lake<br>Narrative   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 20               | -23.32 | 12429                       |
| Chlorophyll-a   | 30                 | 18               | 19.3   |                             |
| Secchi Depth  | 0.28               | 16               | 0.55   |                             |
| Total Nitrogen  | 0.8                | 17               | 1.17   |                             |
| Total Phosphorus  | 0.14               | 18               | 0.06   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1426A- Oak Creek Reservoir<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 27               | -2.14  | 12180                       |
| Chlorophyll-a   | 6.93               | 21               | 4.9    |                             |
| Secchi Depth  | 0.59               | 20               | 1.5    |                             |
| Total Nitrogen  | 0.8                | 20               | 0.6845 |                             |
| Total Phosphorus  | 0.03               | 21               | 0.01   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1429 - Lady Bird Lake<br>Numeric   |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 56               | 2.72   | 12476                       |
| Chlorophyll-a   | 7.56               | 46               | 6.3    |                             |
| Secchi Depth  | 1.69               | 45               | 1.7    |                             |
| Total Nitrogen  | 0.8                | 46               | 0.64   |                             |
| Total Phosphorus  | 0.04               | 45               | 0.01   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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| Seg ID:1433 - O.H. Ivie Reservoir<br>Numeric   |                    |                  |        |                             |
|--|--------------------|------------------|--------|-----------------------------|
| Parameter  | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI  | 10                 | 18               | 1.52   | 12511                       |
| Chlorophyll-a  | 5.77               | 12               | 3.85   |                             |
| Secchi Depth   | 1.74               | 13               | 1.6    |                             |
| Total Nitrogen   | 0.8                | 12               | 0.86   |                             |
| Total Phosphorus   | 0.03               | 13               | 0.01   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes |                    |                  |        |                             |

| Seg ID:1805 - Canyon Lake<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 29               | -5.5   | 12597                       |
| Chlorophyll-a   | 5                  | 19               | 0.94   |                             |
| Secchi Depth  | 2.17               | 18               | 4      |                             |
| Total Nitrogen  | 0.8                | 19               | 0.35   |                             |
| Total Phosphorus  | 0.03               | 19               | 0.01   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

| Seg ID:1904 - Medina Lake<br>Numeric  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 17               | NA     | 12825, 12826                |
| Chlorophyll-a   | 5                  | 17               | 2      |                             |
| Secchi Depth  | 2.49               | 48               | 3      |                             |
| Total Nitrogen  | 0.8                | 50               | 0.353  |                             |
| Total Phosphorus  | 0.01               | 50               | 0.01   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |



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| Seg ID:2103 - Lake Corpus Christi<br>Narrative   |                    |                  |        |                             |
|--|--------------------|------------------|--------|-----------------------------|
| Parameter  | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI  | 10                 | 40               | -1.52  | 12967                       |
| Chlorophyll-a  | 15.01              | 28               | 9.735  |                             |
| Secchi Depth   | 0.41               | 28               | 0.3    |                             |
| Total Nitrogen   | 0.8                | 24               | 0.9335 |                             |
| Total Phosphorus   | 0.18               | 28               | 0.207  |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes |                    |                  |        |                             |

| Seg ID:2116 - Choke Canyon Reservoir<br>Numeric  |                    |                  |        |                             |
|--|--------------------|------------------|--------|-----------------------------|
| Parameter  | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI  | 10                 | 58               | 3.3    | 13019, 13020                |
| Chlorophyll-a  | 12.05              | 46               | 17.3   |                             |
| Secchi Depth   | 0.99               | 47               | 0.5    |                             |
| Total Nitrogen   | 0.8                | 41               | 1.18   |                             |
| Total Phosphorus   | 0.05               | 47               | 0.055  |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes |                    |                  |        |                             |

| Seg ID:2312 - Red Bluff Reservoir<br>Narrative  |                    |                  |        |                             |
|---|--------------------|------------------|--------|-----------------------------|
| Parameter   | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
| 10 Year Change in TSI   | 10                 | 16               | -5.5   | 13267                       |
| Chlorophyll-a   | 21.96              | 10               | 13.7   |                             |
| Secchi Depth  | 0.78               | 8                | 0.8    |                             |
| Total Nitrogen  | 0.8                | 10               | 1      |                             |
| Total Phosphorus  | 0.04               | 11               | 0.02   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? No |                    |                  |        |                             |

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Seg ID:2454A- Cox Lake  
Narrative

| Parameter  | Criteria Threshold | Samples Assessed | Median | Stations Used In Evaluation |
|--|--------------------|------------------|--------|-----------------------------|
| 10 Year Change in TSI  | 10                 | 28               | 1.04   | 12514                       |
| Chlorophyll-a  | 11.9               | 18               | 10.55  |                             |
| Secchi Depth   | 0.12               | 19               | 0.1    |                             |
| Total Nitrogen   | 0.8                | 15               | 1.18   |                             |
| Total Phosphorus   | 0.29               | 17               | 0.17   |                             |
| Concerns or impairments for dissolved oxygen identified in any portion (assessment unit) of the reservoir? Yes |                    |                  |        |                             |