

Explanation of Column Headings

**SEGID:** 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. 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.

**AU ID:** Identifies the assessment unit (AU\_ID, six or seven digits, e.g., 0101A\_01) and describes the location of the specific area within a classified or unclassified water body for which one or more water quality standards are not met.

**Start Date:** The start date of the period of record data for this method was selected; the official 2024 period of record is from 12/1/2015 to 11/30/2022. In some cases it may be necessary to extend the period of record back 10 years (12/1/2012) to select more data, according to assessment guidance.

**End Date:** The end date of the period of record data for this method was selected; the official 2024 period of record dates are 12/1/2015 to 11/30/2022. In some cases more recently collected data than 12/01/2022 can be included, if available

**#Data Assessed:** Number of samples assessed some data are averaged, as with profile data, some are eliminated because criteria do not apply during certain conditions such a s low flow.

**Mean Data Assessed:** Mean of samples assessed includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.

**# Exceedances:** Number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).

**Mean Exceedances:** Mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).

**Criteria:** Value that the data is compared to determine the level of support; Note: for acute metals in water, each value is compared to a calculated criterion and not all criteria could be reported here, only the minimum in the range of criteria calculated are included.

**DS Qual:** Dataset Qualifier - indicates characteristics of the methods or dataset used in the assessment:

- AD:** Adequate Data (10 or more samples).
- LD:** Limited Data (less than 9, greater than 3).
- ID:** Inadequate Data (less than 4).
- JQ:** Level of support is based on judgment of the assessor.
- SM:** This assessment method is superseded by another method.
- TR:** Temporally Not Representative, used with NA.
- SR:** Spatially Not Representative, used with NA.
- OE:** Other information than ambient samples evaluated.
- OS:** Assessment area outside state boundaries.

**LOS:** Level of support for this use, method, assessment parameter:

- FS:** Fully Supporting.
- NC:** No Concern.
- NA:** Not Assessed.
- NS:** Nonsupport.
- CS:** Screening Level Concern.
- CN:** Use Concern.

**CF:** Carry Forward indicates that the Integrated level of support of CS, CN, or NS was carried forward from a previous assessment due to inadequate data for this method in this assessment.

*Int LOS: Integrated level of support. This is the overall level of support for this use, method, parameter group, which could be different from the LOS (described above) due to carry forward information or other types of changes. New Code added in 2010: PI = Pending Issue*

*TCEQ Cause: This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.).*

**Cat:**

- Category 3:** There is insufficient or unreliable available data and/or information to make a use support determination.
- Category 4:** Available data and/or information indicate that at least one designated use is not being supported or is threatened, but a TMDL is not needed.
  - Category 4a:** A state-developed TMDL has been approved by EPA or a TMDL has been established by EPA for any water-pollutant combination.
  - Category 4b:** Other required control measures are expected to result in the attainment of an applicable water quality standard in a reasonable period of time.
  - Category 4c:** The impairment or threat is not caused by a pollutant.
- Category 5:** Available data and/or information indicate that at least one designated use is not being supported or is threatened, and a TMDL is needed.
  - Category 5a:** A TMDL is underway, scheduled, or will be scheduled.
  - Category 5b:** A review of the standards for the water body will be conducted before a management strategy is selected.
  - Category 5c:** Additional data and information will be collected or evaluated before a management strategy is selected.
  - Category 5n:** Water body does not meet its applicable Chl a criterion, but additional study is needed to verify whether exceedance is associated with causal nutrient parameters or impacts to response variables.
  - Category 5r:** A WPP is under development or accepted by EPA for this parameter.

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| Seg ID: 1101 - Clear Creek Tidal<br>AU ID: 1101_01 |                                   |              |            |          |          |                |                    |              |                  |              |     |    |         |                         |     |
|----------------------------------------------------|-----------------------------------|--------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------|-----|
| Use                                                | Method                            | Parameter    | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause              | Cat |
| Fish Consumption Use                               | DSHS Limited Consumption Advisory | Dioxins      | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | Dioxin in edible tissue | 5c  |
|                                                    | DSHS No Consumption Advisory      | PCBs         | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | PCBs in edible tissue   | 5c  |
|                                                    |                                   |              |            |          |          |                |                    |              |                  |              |     |    |         |                         |     |
| Recreation Use                                     | Bacteria Geomean                  | Enterococcus | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | NS      | Bacteria in water       | 4a  |
|                                                    |                                   |              |            |          |          |                |                    |              |                  |              |     |    |         |                         |     |

| Seg ID: 1101 - Clear Creek Tidal<br>AU ID: 1101_02 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|----------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                                | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                   | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 11/01/15   | 11/30/22 | 3        | 28             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                    | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 11/01/15   | 11/30/22 | 4        | 28             | .                  | 5            | 3.74             | AD           | CS  | N  | CS      | Depressed dissolved oxygen in water |     |
|                                                    |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Fish Consumption Use                               | DSHS Limited Consumption Advisory     | Dioxins               | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | Dioxin in edible tissue             | 5c  |
|                                                    | DSHS No Consumption Advisory          | PCBs                  | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | PCBs in edible tissue               | 5c  |
|                                                    |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                        | High pH                               | pH                    | 11/01/15   | 11/30/22 | 9        | 28             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                    | Low pH                                | pH                    | 11/01/15   | 11/30/22 | 6.5      | 28             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                    | Nutrient Screening Levels             | Nitrate               | 11/01/15   | 11/30/22 | 1.1      | 28             | .                  | 23           | 3.09             | AD           | CS  | N  | CS      | Nitrate in water                    |     |
|                                                    |                                       | Ammonia               | 11/01/15   | 11/30/22 | 0.46     | 27             | .                  | 3            | 0.73             | AD           | NC  | N  | NC      |                                     |     |
|                                                    |                                       | Total phosphorus      | 11/01/15   | 11/30/22 | 0.66     | 28             | .                  | 20           | 1.25             | AD           | CS  | N  | CS      | Total Phosphorus in water           |     |
|                                                    | Water Temperature                     | Water temperature     | 11/01/15   | 11/30/22 | 35       | 28             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                    |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                     | Bacteria Geomean                      | Enterococcus          | 11/01/15   | 11/30/22 | 35       | 27             | 56.2               | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water                   | 4a  |
|                                                    |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1101 - Clear Creek Tidal<br>AU ID: 1101_03 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
|----------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|---------------------------|-----|
| Use                                                | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                | Cat |
| Aquatic Life Use                                   | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 11/01/15   | 11/30/22 | 3        | 21             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                    | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 11/01/15   | 11/30/22 | 4        | 21             | .                  | 2            | 3.82             | AD           | NC  | N  | NC      |                           |     |
|                                                    |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
| Fish Consumption Use                               | DSHS Limited Consumption Advisory     | Dioxins               | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | Dioxin in edible tissue   | 5c  |
|                                                    | DSHS No Consumption Advisory          | PCBs                  | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | PCBs in edible tissue     | 5c  |
|                                                    |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
| General Use                                        | High pH                               | pH                    | 11/01/15   | 11/30/22 | 9        | 21             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                    | Low pH                                | pH                    | 11/01/15   | 11/30/22 | 6.5      | 21             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                    | Nutrient Screening Levels             | Nitrate               | 11/01/15   | 11/30/22 | 1.1      | 21             | .                  | 13           | 2.06             | AD           | CS  | N  | CS      | Nitrate in water          |     |
|                                                    |                                       | Chlorophyll-a         | 11/01/15   | 11/30/22 | 21       | 21             | .                  | 3            | 89.57            | AD           | NC  | N  | NC      |                           |     |
|                                                    |                                       | Total phosphorus      | 11/01/15   | 11/30/22 | 0.66     | 19             | .                  | 9            | 0.94             | AD           | CS  | N  | CS      | Total Phosphorus in water |     |
|                                                    |                                       | Ammonia               | 11/01/15   | 11/30/22 | 0.46     | 20             | .                  | 0            | .                | AD           | NC  | N  | NC      |                           |     |
|                                                    | Water Temperature                     | Water temperature     | 11/01/15   | 11/30/22 | 35       | 21             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                    |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
| Recreation Use                                     | Bacteria Geomean                      | Enterococcus          | 11/01/15   | 11/30/22 | 35       | 20             | 105.48             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water         | 4a  |
|                                                    |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |

| Seg ID: 1101 - Clear Creek Tidal<br>AU ID: 1101_04 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |            |     |
|----------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|------------|-----|
| Use                                                | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause | Cat |
| Aquatic Life Use                                   | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 11/01/15   | 11/30/22 | 3        | 43             | .                  | 0            | .                | AD           | FS  | N  | FS      |            |     |
|                                                    | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 11/01/15   | 11/30/22 | 4        | 43             | .                  | 1            | 3.6              | AD           | NC  | N  | NC      |            |     |
|                                                    |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |            |     |

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| Seg ID: 1101 - Clear Creek Tidal<br>AU ID: 1101_04 |                                   |                   |            |          |          |                |                    |              |                  |              |     |    |         |                         |     |
|----------------------------------------------------|-----------------------------------|-------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------|-----|
| Use                                                | Method                            | Parameter         | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause              | Cat |
| Fish Consumption Use                               | DSHS Limited Consumption Advisory | Dioxins           | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | Dioxin in edible tissue | 5c  |
|                                                    | DSHS No Consumption Advisory      | PCBs              | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | PCBs in edible tissue   | 5c  |
| General Use                                        | High pH                           | pH                | 11/01/15   | 11/30/22 | 9        | 43             | .                  | 0            | .                | AD           | FS  | N  | FS      |                         |     |
|                                                    | Low pH                            | pH                | 11/01/15   | 11/30/22 | 6.5      | 43             | .                  | 0            | .                | AD           | FS  | N  | FS      |                         |     |
|                                                    | Nutrient Screening Levels         | Total phosphorus  | 11/01/15   | 11/30/22 | 0.66     | 43             | .                  | 8            | 0.88             | AD           | NC  | N  | NC      |                         |     |
|                                                    |                                   | Nitrate           | 11/01/15   | 11/30/22 | 1.1      | 39             | .                  | 13           | 1.9              | AD           | CS  | N  | CS      | Nitrate in water        |     |
|                                                    |                                   | Chlorophyll-a     | 11/01/15   | 11/30/22 | 21       | 19             | .                  | 9            | 50.33            | AD           | CS  | N  | CS      | Chlorophyll-a in water  |     |
|                                                    |                                   | Ammonia           | 11/01/15   | 11/30/22 | 0.46     | 43             | .                  | 1            | 0.56             | AD           | NC  | N  | NC      |                         |     |
|                                                    | Water Temperature                 | Water temperature | 11/01/15   | 11/30/22 | 35       | 43             | .                  | 0            | .                | AD           | FS  | N  | FS      |                         |     |
|                                                    |                                   |                   |            |          |          |                |                    |              |                  |              |     |    |         |                         |     |
| Recreation Use                                     | Bacteria Geomean                  | Enterococcus      | 11/01/15   | 11/30/22 | 35       | 42             | 27.02              | 0            | .                | AD           | FS  | N  | FS      |                         |     |
|                                                    |                                   |                   |            |          |          |                |                    |              |                  |              |     |    |         |                         |     |

| Seg ID: 1101A - Magnolia Creek<br>AU ID: 1101A_01 |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
|---------------------------------------------------|---------------------------------------|---------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|---------------------------|-----|
| Use                                               | Method                                | Parameter                 | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                | Cat |
| Aquatic Life Use                                  | Dissolved Oxygen 24hr average         | Dissolved oxygen 24hr Avg | 11/01/15   | 11/30/22 | 4        | 6              | .                  | 0            | .                | TR           | NC  | N  | NA      |                           |     |
|                                                   | Dissolved Oxygen 24hr minimum         | Dissolved oxygen 24hr Min | 11/01/15   | 11/30/22 | 3        | 6              | .                  | 0            | .                | TR           | NC  | N  | NA      |                           |     |
|                                                   | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab     | 11/01/15   | 11/30/22 | 3        | 28             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                   | Dissolved Oxygen grab screening level | Dissolved oxygen Grab     | 11/01/15   | 11/30/22 | 4        | 28             | .                  | 0            | .                | AD           | NC  | N  | NC      |                           |     |
| General Use                                       | Nutrient Screening Levels             | Nitrate                   | 11/01/15   | 11/30/22 | 1.95     | 27             | .                  | 25           | 10.01            | AD           | CS  | N  | CS      | Nitrate in water          |     |
|                                                   |                                       | Ammonia                   | 11/01/15   | 11/30/22 | 0.33     | 27             | .                  | 1            | 0.4              | AD           | NC  | N  | NC      |                           |     |
|                                                   |                                       | Total phosphorus          | 11/01/15   | 11/30/22 | 0.69     | 28             | .                  | 25           | 2.14             | AD           | CS  | N  | CS      | Total Phosphorus in water |     |
| Recreation Use                                    | Bacteria Geomean                      | E. coli                   | 11/01/15   | 11/30/22 | 126      | 28             | 684.28             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water         | 4a  |
|                                                   |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |

| Seg ID: 1101B - Chigger Creek<br>AU ID: 1101B_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
|--------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------|-----|
| Use                                              | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause        | Cat |
| Aquatic Life Use                                 | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 11/01/15   | 11/30/22 | 3        | 27             | .                  | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                  | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 11/01/15   | 11/30/22 | 5        | 27             | .                  | 2            | 3.9              | AD           | NC  | N  | NC      |                   |     |
| General Use                                      | Nutrient Screening Levels             | Ammonia               | 11/01/15   | 11/30/22 | 0.33     | 28             | .                  | 1            | 0.8              | AD           | NC  | N  | NC      |                   |     |
|                                                  |                                       | Total phosphorus      | 11/01/15   | 11/30/22 | 0.69     | 28             | .                  | 2            | 1.43             | AD           | NC  | N  | NC      |                   |     |
|                                                  |                                       | Nitrate               | 11/01/15   | 11/30/22 | 1.95     | 28             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
| Recreation Use                                   | Bacteria Geomean                      | E. coli               | 11/01/15   | 11/30/22 | 126      | 27             | 225.89             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water | 4a  |
|                                                  |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |

| Seg ID: 1101C - Cow Bayou<br>AU ID: 1101C_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|----------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                          | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                             | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 11/01/15   | 11/30/22 | 3        | 27             | .                  | 2            | 1.38             | AD           | FS  | N  | FS      |                                     |     |
|                                              | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 11/01/15   | 11/30/22 | 4        | 27             | .                  | 7            | 2.93             | AD           | CS  | N  | CS      | Depressed dissolved oxygen in water |     |
|                                              |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

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| Seg ID: 1101C - Cow Bayou<br>AU ID: 1101C_01 |                           |                  |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
|----------------------------------------------|---------------------------|------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------|-----|
| Use                                          | Method                    | Parameter        | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause        | Cat |
| General Use                                  | Nutrient Screening Levels | Ammonia          | 11/01/15   | 11/30/22 | 0.46     | 26             | .                  | 1            | 1.3              | AD           | NC  | N  | NC      |                   |     |
|                                              |                           | Total phosphorus | 11/01/15   | 11/30/22 | 0.66     | 26             | .                  | 6            | 1.77             | AD           | NC  | N  | NC      |                   |     |
|                                              |                           | Nitrate          | 11/01/15   | 11/30/22 | 1.1      | 25             | .                  | 2            | 1.64             | AD           | NC  | N  | NC      |                   |     |
|                                              |                           |                  |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| Recreation Use                               | Bacteria Geomean          | Enterococcus     | 11/01/15   | 11/30/22 | 35       | 26             | 134.44             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water | 4a  |
|                                              |                           |                  |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |

| Seg ID: 1101D - Robinson Bayou<br>AU ID: 1101D_01 |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|---------------------------------------------------|---------------------------------------|---------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                               | Method                                | Parameter                 | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                  | Dissolved Oxygen 24hr average         | Dissolved oxygen 24hr Avg | 12/01/15   | 11/30/22 | 4        | 1              | .                  | 1            | 1.8              | TR           | NA  | N  | NA      |                                     |     |
|                                                   | Dissolved Oxygen 24hr minimum         | Dissolved oxygen 24hr Min | 12/01/15   | 11/30/22 | 3        | 1              | .                  | 1            | 0.6              | TR           | NA  | N  | NA      |                                     |     |
|                                                   | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab     | 11/01/15   | 11/30/22 | 3        | 28             | .                  | 6            | 2.64             | AD           | NS  | N  | NS      | Depressed dissolved oxygen in water | 5r  |
|                                                   | Dissolved Oxygen grab screening level | Dissolved oxygen Grab     | 11/01/15   | 11/30/22 | 4        | 28             | .                  | 11           | 2.99             | AD           | CS  | N  | CS      | Depressed dissolved oxygen in water |     |
|                                                   |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                       | Nutrient Screening Levels             | Total phosphorus          | 11/01/15   | 11/30/22 | 0.66     | 28             | .                  | 6            | 1.49             | AD           | NC  | N  | NC      |                                     |     |
|                                                   |                                       | Ammonia                   | 11/01/15   | 11/30/22 | 0.46     | 28             | .                  | 1            | 1.4              | AD           | NC  | N  | NC      |                                     |     |
|                                                   |                                       | Nitrate                   | 11/01/15   | 11/30/22 | 1.1      | 27             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                   |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                    | Bacteria Geomean                      | Enterococcus              | 11/01/15   | 11/30/22 | 35       | 28             | 100.2              | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water                   | 4a  |
|                                                   |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1101D - Robinson Bayou<br>AU ID: 1101D_02 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|---------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                               | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                  | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | CS      | Depressed dissolved oxygen in water |     |
|                                                   |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                    | Bacteria Geomean                      | Enterococcus          | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | NS      | Bacteria in water                   | 4a  |
|                                                   |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1101E - Unnamed Tributary of Clear Creek Tidal<br>AU ID: 1101E_01 |                               |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|---------------------------------------------------------------------------|-------------------------------|---------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                                                       | Method                        | Parameter                 | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                                          | Dissolved Oxygen 24hr average | Dissolved oxygen 24hr Avg | 11/01/15   | 11/30/22 | 4        | 2              | .                  | 1            | 3.4              | ID           | NA  | Y  | NS      | Depressed dissolved oxygen in water | 5b  |
|                                                                           | Dissolved Oxygen 24hr minimum | Dissolved oxygen 24hr Min | 11/01/15   | 11/30/22 | 3        | 2              | .                  | 1            | 0.1              | ID           | NA  | Y  | NS      | Depressed dissolved oxygen in water | 5b  |
|                                                                           |                               |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                                            | Bacteria Geomean              | Enterococcus              | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | NS      | Bacteria in water                   | 4a  |
|                                                                           |                               |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1101F - Unnamed Tributary of Clear Creek Tidal<br>AU ID: 1101F_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |            |     |
|---------------------------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|------------|-----|
| Use                                                                       | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause | Cat |
| Aquatic Life Use                                                          | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 11/01/15   | 11/30/22 | 2        | 26             | .                  | 0            | .                | AD           | FS  | N  | FS      |            |     |
|                                                                           | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 11/01/15   | 11/30/22 | 3        | 26             | .                  | 0            | .                | AD           | NC  | N  | NC      |            |     |
|                                                                           |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |            |     |
| General Use                                                               | Nutrient Screening Levels             | Nitrate               | 11/01/15   | 11/30/22 | 1.95     | 28             | .                  | 0            | .                | AD           | NC  | N  | NC      |            |     |
|                                                                           |                                       | Ammonia               | 11/01/15   | 11/30/22 | 0.33     | 27             | .                  | 2            | 0.55             | AD           | NC  | N  | NC      |            |     |
|                                                                           |                                       | Total phosphorus      | 11/01/15   | 11/30/22 | 0.69     | 28             | .                  | 5            | 1.31             | AD           | NC  | N  | NC      |            |     |
|                                                                           |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |            |     |
| Recreation Use                                                            | Bacteria Geomean                      | E. coli               | 11/01/15   | 11/30/22 | 126      | 26             | 62.48              | 0            | .                | AD           | FS  | N  | FS      |            |     |
|                                                                           |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |            |     |

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| Seg ID: 1102 - Clear Creek Above Tidal<br>AU ID: 1102_01 |                              |           |            |          |          |                |                    |              |                  |              |     |    |         |                       |     |
|----------------------------------------------------------|------------------------------|-----------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-----------------------|-----|
| Use                                                      | Method                       | Parameter | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause            | Cat |
| Fish Consumption Use                                     | DSHS No Consumption Advisory | PCBs      | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | PCBs in edible tissue | 5c  |

| Seg ID: 1102 - Clear Creek Above Tidal<br>AU ID: 1102_02 |                                       |                        |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
|----------------------------------------------------------|---------------------------------------|------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|---------------------------|-----|
| Use                                                      | Method                                | Parameter              | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                | Cat |
| Aquatic Life Use                                         | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab  | 11/01/15   | 11/30/22 | 3        | 21             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          | Dissolved Oxygen grab screening level | Dissolved oxygen Grab  | 11/01/15   | 11/30/22 | 5        | 21             | .                  | 2            | 4.75             | AD           | NC  | N  | NC      |                           |     |
|                                                          | Habitat                               | Habitat                | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | CS      | Impaired habitat in water |     |
| Fish Consumption Use                                     | DSHS No Consumption Advisory          | PCBs                   | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | PCBs in edible tissue     | 5c  |
| General Use                                              | Dissolved Solids                      | Sulfate                | 11/01/15   | 11/30/22 | 100      | 19             | 27.55              | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          |                                       | Chloride               | 11/01/15   | 11/30/22 | 200      | 19             | 92.59              | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          |                                       | Total dissolved solids | 11/01/15   | 11/30/22 | 600      | 21             | 425.22             | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          | High pH                               | pH                     | 11/01/15   | 11/30/22 | 9        | 21             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          | Low pH                                | pH                     | 11/01/15   | 11/30/22 | 6.5      | 21             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          | Nutrient Screening Levels             | Total phosphorus       | 11/01/15   | 11/30/22 | 0.69     | 20             | .                  | 13           | 1.48             | AD           | CS  | N  | CS      | Total Phosphorus in water |     |
|                                                          |                                       | Chlorophyll-a          | 11/01/15   | 11/30/22 | 14.1     | 21             | .                  | 0            | .                | AD           | NC  | N  | NC      |                           |     |
|                                                          |                                       | Nitrate                | 11/01/15   | 11/30/22 | 1.95     | 21             | .                  | 7            | 3.19             | AD           | CS  | N  | CS      | Nitrate in water          |     |
|                                                          |                                       | Ammonia                | 11/01/15   | 11/30/22 | 0.33     | 19             | .                  | 1            | 2.88             | AD           | NC  | N  | NC      |                           |     |
|                                                          | Water Temperature                     | Water temperature      | 11/01/15   | 11/30/22 | 35       | 21             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
| Recreation Use                                           | Bacteria Geomean                      | E. coli                | 11/01/15   | 11/30/22 | 126      | 20             | 150.89             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water         | 4a  |

| Seg ID: 1102 - Clear Creek Above Tidal<br>AU ID: 1102_03 |                                       |                        |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
|----------------------------------------------------------|---------------------------------------|------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|---------------------------|-----|
| Use                                                      | Method                                | Parameter              | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                | Cat |
| Aquatic Life Use                                         | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab  | 11/01/15   | 11/30/22 | 3        | 28             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          | Dissolved Oxygen grab screening level | Dissolved oxygen Grab  | 11/01/15   | 11/30/22 | 5        | 28             | .                  | 2            | 4.75             | AD           | NC  | N  | NC      |                           |     |
| Fish Consumption Use                                     | DSHS No Consumption Advisory          | PCBs                   | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | PCBs in edible tissue     | 5c  |
| General Use                                              | Dissolved Solids                      | Chloride               | 11/01/15   | 11/30/22 | 200      | 28             | 86.18              | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          |                                       | Sulfate                | 11/01/15   | 11/30/22 | 100      | 28             | 33.75              | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          |                                       | Total dissolved solids | 11/01/15   | 11/30/22 | 600      | 28             | 429.19             | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          | High pH                               | pH                     | 11/01/15   | 11/30/22 | 9        | 27             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          | Low pH                                | pH                     | 11/01/15   | 11/30/22 | 6.5      | 27             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          | Nutrient Screening Levels             | Ammonia                | 11/01/15   | 11/30/22 | 0.33     | 28             | .                  | 4            | 1.1              | AD           | NC  | N  | NC      |                           |     |
|                                                          |                                       | Nitrate                | 11/01/15   | 11/30/22 | 1.95     | 28             | .                  | 17           | 4.6              | AD           | CS  | N  | CS      | Nitrate in water          |     |
|                                                          |                                       | Total phosphorus       | 11/01/15   | 11/30/22 | 0.69     | 28             | .                  | 19           | 1.77             | AD           | CS  | N  | CS      | Total Phosphorus in water |     |
|                                                          | Water Temperature                     | Water temperature      | 11/01/15   | 11/30/22 | 35       | 28             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
| Recreation Use                                           | Bacteria Geomean                      | E. coli                | 11/01/15   | 11/30/22 | 126      | 28             | 240.65             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water         | 4a  |

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| Seg ID: 1102 - Clear Creek Above Tidal<br>AU ID: 1102_04 |                                       |                        |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
|----------------------------------------------------------|---------------------------------------|------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|---------------------------|-----|
| Use                                                      | Method                                | Parameter              | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                | Cat |
| Aquatic Life Use                                         | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab  | 11/01/15   | 11/30/22 | 3        | 20             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          | Dissolved Oxygen grab screening level | Dissolved oxygen Grab  | 11/01/15   | 11/30/22 | 5        | 20             | .                  | 1            | 4.8              | AD           | NC  | N  | NC      |                           |     |
|                                                          |                                       |                        |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
| Fish Consumption Use                                     | DSHS No Consumption Advisory          | PCBs                   | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | PCBs in edible tissue     | 5c  |
|                                                          |                                       |                        |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
| General Use                                              | Dissolved Solids                      | Total dissolved solids | 11/01/15   | 11/30/22 | 600      | 20             | 374.95             | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          |                                       | Chloride               | 11/01/15   | 11/30/22 | 200      | 18             | 72.74              | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          |                                       | Sulfate                | 11/01/15   | 11/30/22 | 100      | 18             | 35.45              | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          | High pH                               | pH                     | 11/01/15   | 11/30/22 | 9        | 20             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          | Low pH                                | pH                     | 11/01/15   | 11/30/22 | 6.5      | 20             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          | Nutrient Screening Levels             | Ammonia                | 11/01/15   | 11/30/22 | 0.33     | 18             | .                  | 2            | 0.55             | AD           | NC  | N  | NC      |                           |     |
|                                                          |                                       | Total phosphorus       | 11/01/15   | 11/30/22 | 0.69     | 18             | .                  | 10           | 1.5              | AD           | CS  | N  | CS      | Total Phosphorus in water |     |
|                                                          |                                       | Nitrate                | 11/01/15   | 11/30/22 | 1.95     | 19             | .                  | 10           | 4.92             | AD           | CS  | N  | CS      | Nitrate in water          |     |
|                                                          |                                       | Chlorophyll-a          | 11/01/15   | 11/30/22 | 14.1     | 20             | .                  | 0            | .                | AD           | NC  | N  | NC      |                           |     |
|                                                          | Water Temperature                     | Water temperature      | 11/01/15   | 11/30/22 | 35       | 20             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                          |                                       |                        |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
| Recreation Use                                           | Bacteria Geomean                      | E. coli                | 10/01/15   | 11/30/22 | 126      | 20             | 243.2              | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water         | 4a  |
|                                                          |                                       |                        |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |

| Seg ID: 1102 - Clear Creek Above Tidal<br>AU ID: 1102_05 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|----------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                                      | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                         | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | CS      | Depressed dissolved oxygen in water |     |
|                                                          |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Fish Consumption Use                                     | DSHS No Consumption Advisory          | PCBs                  | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | PCBs in edible tissue               | 5c  |
|                                                          |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                              | Nutrient Screening Levels             | Nitrate               | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | CS      | Nitrate in water                    |     |
|                                                          |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1102A - Cowart Creek<br>AU ID: 1102A_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
|-------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------|-----|
| Use                                             | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause        | Cat |
| Aquatic Life Use                                | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 2        | 4              | .                  | 0            | .                | LD           | NC  | N  | NC      |                   |     |
|                                                 | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 4              | .                  | 0            | .                | LD           | NC  | N  | NC      |                   |     |
|                                                 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| General Use                                     | Nutrient Screening Levels             | Nitrate               | 12/01/15   | 11/30/22 | 1.95     | 4              | .                  | 0            | .                | LD           | NC  | N  | NC      |                   |     |
|                                                 |                                       | Total phosphorus      | 12/01/15   | 11/30/22 | 0.69     | 4              | .                  | 0            | .                | LD           | NC  | N  | NC      |                   |     |
|                                                 |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.33     | 4              | .                  | 0            | .                | LD           | NC  | N  | NC      |                   |     |
|                                                 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| Recreation Use                                  | Bacteria Geomean                      | E. coli               | 12/01/15   | 11/30/22 | 126      | 4              | 132.57             | 1            | .                | ID           | NA  | Y  | NS      | Bacteria in water | 4a  |
|                                                 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |

| Seg ID: 1102A - Cowart Creek<br>AU ID: 1102A_02 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |            |     |
|-------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|------------|-----|
| Use                                             | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause | Cat |
| Aquatic Life Use                                | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 2        | 28             | .                  | 0            | .                | AD           | FS  | N  | FS      |            |     |
|                                                 | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 28             | .                  | 0            | .                | AD           | NC  | N  | NC      |            |     |
|                                                 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |            |     |

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| Seg ID: 1102A - Cowart Creek<br>AU ID: 1102A_02 |                           |                  |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
|-------------------------------------------------|---------------------------|------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------|-----|
| Use                                             | Method                    | Parameter        | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause        | Cat |
| General Use                                     | Nutrient Screening Levels | Total phosphorus | 12/01/15   | 11/30/22 | 0.69     | 28             | .                  | 1            | 0.71             | AD           | NC  | N  | NC      |                   |     |
|                                                 |                           | Ammonia          | 12/01/15   | 11/30/22 | 0.33     | 28             | .                  | 9            | 1.67             | AD           | CS  | N  | CS      | Ammonia in water  |     |
|                                                 |                           | Nitrate          | 12/01/15   | 11/30/22 | 1.95     | 28             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                 |                           |                  |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| Recreation Use                                  | Bacteria Geomean          | E. coli          | 12/01/15   | 11/30/22 | 126      | 28             | 368.97             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water | 4a  |
|                                                 |                           |                  |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |

| Seg ID: 1102B - Mary's Creek/ North Fork Mary's Creek<br>AU ID: 1102B_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
|--------------------------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|---------------------------|-----|
| Use                                                                      | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                | Cat |
| Aquatic Life Use                                                         | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 28             | .                  | 1            | 2.1              | AD           | FS  | N  | FS      |                           |     |
|                                                                          | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 4        | 28             | .                  | 1            | 2.1              | AD           | NC  | N  | NC      |                           |     |
|                                                                          |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
| General Use                                                              | Nutrient Screening Levels             | Total phosphorus      | 12/01/15   | 11/30/22 | 0.69     | 28             | .                  | 22           | 1.34             | AD           | CS  | N  | CS      | Total Phosphorus in water |     |
|                                                                          |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.33     | 28             | .                  | 7            | 0.96             | AD           | NC  | N  | NC      |                           |     |
|                                                                          |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.95     | 28             | .                  | 15           | 3.54             | AD           | CS  | N  | CS      | Nitrate in water          |     |
|                                                                          |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
| Recreation Use                                                           | Bacteria Geomean                      | E. coli               | 12/01/15   | 11/30/22 | 126      | 27             | 581.13             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water         | 4a  |
|                                                                          |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |

| Seg ID: 1102C - Hickory Slough<br>AU ID: 1102C_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|---------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                               | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                  | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 26             | .                  | 2            | 2.4              | AD           | FS  | N  | FS      |                                     |     |
|                                                   | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 5        | 26             | .                  | 7            | 3.43             | AD           | CS  | N  | CS      | Depressed dissolved oxygen in water |     |
|                                                   |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                       | Nutrient Screening Levels             | Nitrate               | 12/01/15   | 11/30/22 | 1.95     | 27             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                   |                                       | Total phosphorus      | 12/01/15   | 11/30/22 | 0.69     | 27             | .                  | 2            | 1.13             | AD           | NC  | N  | NC      |                                     |     |
|                                                   |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.33     | 27             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                   |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                    | Bacteria Geomean                      | E. coli               | 12/01/15   | 11/30/22 | 126      | 26             | 83.37              | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                   |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1102D - Turkey Creek<br>AU ID: 1102D_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
|-------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|---------------------------|-----|
| Use                                             | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                | Cat |
| Aquatic Life Use                                | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 2        | 25             | .                  | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                 | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 25             | .                  | 1            | 2.3              | AD           | NC  | N  | NC      |                           |     |
|                                                 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
| General Use                                     | Nutrient Screening Levels             | Ammonia               | 12/01/15   | 11/30/22 | 0.33     | 25             | .                  | 14           | 1.67             | AD           | CS  | N  | CS      | Ammonia in water          |     |
|                                                 |                                       | Total phosphorus      | 12/01/15   | 11/30/22 | 0.69     | 25             | .                  | 18           | 1.3              | AD           | CS  | N  | CS      | Total Phosphorus in water |     |
|                                                 |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.95     | 25             | .                  | 18           | 7.62             | AD           | CS  | N  | CS      | Nitrate in water          |     |
|                                                 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
| Recreation Use                                  | Bacteria Geomean                      | E. coli               | 12/01/15   | 11/30/22 | 126      | 25             | 166.69             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water         | 4a  |
|                                                 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |

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| Seg ID: 1102E - Mud Gully<br>AU ID: 1102E_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|----------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                          | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                             | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | CS      | Depressed dissolved oxygen in water |     |
|                                              |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                  | Nutrient Screening Levels             | Nitrate               | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | CS      | Nitrate in water                    |     |
|                                              |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1102F - Mary's Creek Bypass<br>AU ID: 1102F_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
|--------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|---------------------------|-----|
| Use                                                    | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                | Cat |
| Aquatic Life Use                                       | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 24             | .                  | 1            | 2.1              | AD           | FS  | N  | FS      |                           |     |
|                                                        | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 5        | 24             | .                  | 3            | 3.83             | AD           | NC  | N  | NC      |                           |     |
|                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
| General Use                                            | Nutrient Screening Levels             | Total phosphorus      | 12/01/15   | 11/30/22 | 0.69     | 25             | .                  | 17           | 1.71             | AD           | CS  | N  | CS      | Total Phosphorus in water |     |
|                                                        |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.33     | 25             | .                  | 7            | 1.63             | AD           | NC  | N  | NC      |                           |     |
|                                                        |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.95     | 25             | .                  | 9            | 3.98             | AD           | CS  | N  | CS      | Nitrate in water          |     |
|                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
| Recreation Use                                         | Bacteria Geomean                      | E. coli               | 12/01/15   | 11/30/22 | 126      | 24             | 269.81             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water         | 4a  |
|                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |

| Seg ID: 1102G - Unnamed Tributary of Mary's Creek<br>AU ID: 1102G_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
|----------------------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------|-----|
| Use                                                                  | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause        | Cat |
| Aquatic Life Use                                                     | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 3              | .                  | 0            | .                | ID           | NA  | N  | NA      |                   |     |
|                                                                      | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 5        | 3              | .                  | 0            | .                | ID           | NA  | N  | NA      |                   |     |
|                                                                      |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| General Use                                                          | Nutrient Screening Levels             | Nitrate               | 12/01/15   | 11/30/22 | 1.95     | 13             | .                  | 2            | 3.61             | AD           | NC  | N  | NC      |                   |     |
|                                                                      |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.33     | 13             | .                  | 3            | 0.53             | AD           | NC  | N  | NC      |                   |     |
|                                                                      |                                       | Total phosphorus      | 12/01/15   | 11/30/22 | 0.69     | 13             | .                  | 2            | 0.81             | AD           | NC  | N  | NC      |                   |     |
|                                                                      |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| Recreation Use                                                       | Bacteria Geomean                      | E. coli               | 12/01/15   | 11/30/22 | 126      | 1              | 24000              | 1            | .                | ID           | NA  | Y  | NS      | Bacteria in water | 4a  |
|                                                                      |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |

| Seg ID: 1103 - Dickinson Bayou Tidal<br>AU ID: 1103_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|--------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                                    | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                       | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 28             | .                  | 0            | .                | AD           | FS  | Y  | NS      | Depressed dissolved oxygen in water | 5b  |
|                                                        | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 4        | 28             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Fish Consumption Use                                   | DSHS Limited Consumption Advisory     | PCBs                  | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | PCBs in edible tissue               | 5c  |
|                                                        |                                       | Dioxins               | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | Dioxin in edible tissue             | 5c  |
|                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                            | High pH                               | pH                    | 12/01/15   | 11/30/22 | 9        | 28             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                        | Low pH                                | pH                    | 12/01/15   | 11/30/22 | 6.5      | 28             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                        | Nutrient Screening Levels             | Total phosphorus      | 12/01/15   | 11/30/22 | 0.66     | 28             | .                  | 2            | 1.96             | AD           | NC  | N  | NC      |                                     |     |
|                                                        |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.46     | 28             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                        |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.1      | 27             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                        | Water Temperature                     | Water temperature     | 12/01/15   | 11/30/22 | 35       | 28             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                         | Bacteria Geomean                      | Enterococcus          | 12/01/15   | 11/30/22 | 35       | 28             | 29.3               | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

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| Seg ID: 1103 - Dickinson Bayou Tidal<br>AU ID: 1103_02 |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|--------------------------------------------------------|---------------------------------------|---------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                                    | Method                                | Parameter                 | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                       | Dissolved Oxygen 24hr average         | Dissolved oxygen 24hr Avg | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | NS      | Depressed dissolved oxygen in water | 5b  |
|                                                        | Dissolved Oxygen 24hr minimum         | Dissolved oxygen 24hr Min | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | NS      | Depressed dissolved oxygen in water | 5b  |
|                                                        | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab     | 12/01/15   | 11/30/22 | 3        | 21             | .                  | 4            | 2.59             | SM           | NS  | N  | NA      |                                     |     |
|                                                        | Dissolved Oxygen grab screening level | Dissolved oxygen Grab     | 12/01/15   | 11/30/22 | 4        | 21             | .                  | 8            | 3.1              | SM           | CS  | N  | NA      |                                     |     |
|                                                        |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Fish Consumption Use                                   | DSHS Limited Consumption Advisory     | PCBs                      | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | PCBs in edible tissue               | 5c  |
|                                                        |                                       | Dioxins                   | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | Dioxin in edible tissue             | 5c  |
|                                                        |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                            | High pH                               | pH                        | 12/01/15   | 11/30/22 | 9        | 21             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                        | Low pH                                | pH                        | 12/01/15   | 11/30/22 | 6.5      | 21             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                        | Nutrient Screening Levels             | Chlorophyll-a             | 12/01/15   | 11/30/22 | 21       | 21             | .                  | 5            | 43.74            | AD           | NC  | N  | NC      |                                     |     |
|                                                        |                                       | Ammonia                   | 12/01/15   | 11/30/22 | 0.46     | 20             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                        |                                       | Nitrate                   | 12/01/15   | 11/30/22 | 1.1      | 21             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                        |                                       | Total phosphorus          | 12/01/15   | 11/30/22 | 0.66     | 19             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                        | Water Temperature                     | Water temperature         | 12/01/15   | 11/30/22 | 35       | 21             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                        |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                         | Bacteria Geomean                      | Enterococcus              | 12/01/15   | 11/30/22 | 35       | 20             | 48.18              | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water                   | 4a  |
|                                                        |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1103 - Dickinson Bayou Tidal<br>AU ID: 1103_03 |                                   |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|--------------------------------------------------------|-----------------------------------|---------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                                    | Method                            | Parameter                 | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                       | Dissolved Oxygen 24hr average     | Dissolved oxygen 24hr Avg | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | NS      | Depressed dissolved oxygen in water | 5b  |
|                                                        | Dissolved Oxygen 24hr minimum     | Dissolved oxygen 24hr Min | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | NS      | Depressed dissolved oxygen in water | 5b  |
|                                                        |                                   |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Fish Consumption Use                                   | DSHS Limited Consumption Advisory | PCBs                      | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | PCBs in edible tissue               | 5c  |
|                                                        |                                   | Dioxins                   | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | Dioxin in edible tissue             | 5c  |
|                                                        |                                   |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                         | Bacteria Geomean                  | Enterococcus              | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | NS      | Bacteria in water                   | 4a  |
|                                                        |                                   |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1103 - Dickinson Bayou Tidal<br>AU ID: 1103_04 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|--------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                                    | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                       | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 49             | .                  | 12           | 1.77             | AD           | NS  | N  | NS      | Depressed dissolved oxygen in water | 5b  |
|                                                        | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 4        | 49             | .                  | 18           | 2.31             | AD           | CS  | N  | CS      | Depressed dissolved oxygen in water |     |
|                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Fish Consumption Use                                   | DSHS Limited Consumption Advisory     | Dioxins               | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | Dioxin in edible tissue             | 5c  |
|                                                        |                                       | PCBs                  | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | PCBs in edible tissue               | 5c  |
|                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                            | High pH                               | pH                    | 12/01/15   | 11/30/22 | 9        | 49             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                        | Low pH                                | pH                    | 12/01/15   | 11/30/22 | 6.5      | 49             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                        | Nutrient Screening Levels             | Total phosphorus      | 12/01/15   | 11/30/22 | 0.66     | 47             | .                  | 2            | 1.09             | AD           | NC  | N  | NC      |                                     |     |
|                                                        |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.46     | 48             | .                  | 4            | 0.7              | AD           | NC  | N  | NC      |                                     |     |
|                                                        |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.1      | 49             | .                  | 1            | 1.98             | AD           | NC  | N  | NC      |                                     |     |
|                                                        |                                       | Chlorophyll-a         | 12/01/15   | 11/30/22 | 21       | 21             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                        | Water Temperature                     | Water temperature     | 12/01/15   | 11/30/22 | 35       | 49             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                         | Bacteria Geomean                      | Enterococcus          | 12/01/15   | 11/30/22 | 35       | 48             | 68.1               | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water                   | 4a  |
|                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

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| Seg ID: 1103A - Bensons Bayou<br>AU ID: 1103A_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|--------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                              | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                 | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 28             | .                  | 3            | 2.43             | AD           | FS  | Y  | NS      | Depressed dissolved oxygen in water | 5b  |
|                                                  | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 4        | 28             | .                  | 8            | 3.09             | AD           | CS  | N  | CS      | Depressed dissolved oxygen in water |     |
|                                                  |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                      | Nutrient Screening Levels             | Total phosphorus      | 12/01/15   | 11/30/22 | 0.66     | 28             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                  |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.46     | 28             | .                  | 2            | 0.55             | AD           | NC  | N  | NC      |                                     |     |
|                                                  |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.1      | 28             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                  |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                   | Bacteria Geomean                      | Enterococcus          | 12/01/15   | 11/30/22 | 35       | 28             | 84.68              | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water                   | 4a  |
|                                                  |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1103B - Bordens Gully<br>AU ID: 1103B_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|--------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                              | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                 | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 35             | .                  | 5            | 2.38             | AD           | CN  | Y  | NS      | Depressed dissolved oxygen in water | 5b  |
|                                                  | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 4        | 35             | .                  | 14           | 3.03             | AD           | CS  | N  | CS      | Depressed dissolved oxygen in water |     |
|                                                  |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                      | Nutrient Screening Levels             | Total phosphorus      | 12/01/15   | 11/30/22 | 0.66     | 35             | .                  | 1            | 0.75             | AD           | NC  | N  | NC      |                                     |     |
|                                                  |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.46     | 35             | .                  | 1            | 0.5              | AD           | NC  | N  | NC      |                                     |     |
|                                                  |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.1      | 35             | .                  | 1            | 1.28             | AD           | NC  | N  | NC      |                                     |     |
|                                                  |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                   | Bacteria Geomean                      | Enterococcus          | 12/01/15   | 11/30/22 | 35       | 14             | 53.6               | 1            | .                | LD           | CN  | Y  | NS      | Bacteria in water                   | 4a  |
|                                                  |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1103C - Geisler Bayou<br>AU ID: 1103C_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|--------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                              | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                 | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 28             | .                  | 2            | 1.92             | AD           | FS  | Y  | NS      | Depressed dissolved oxygen in water | 5b  |
|                                                  | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 4        | 28             | .                  | 6            | 2.78             | AD           | CS  | N  | CS      | Depressed dissolved oxygen in water |     |
|                                                  |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                      | Nutrient Screening Levels             | Total phosphorus      | 12/01/15   | 11/30/22 | 0.66     | 28             | .                  | 2            | 0.72             | AD           | NC  | N  | NC      |                                     |     |
|                                                  |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.46     | 28             | .                  | 3            | 0.7              | AD           | NC  | N  | NC      |                                     |     |
|                                                  |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.1      | 28             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                  |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                   | Bacteria Geomean                      | Enterococcus          | 12/01/15   | 11/30/22 | 35       | 28             | 128.77             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water                   | 4a  |
|                                                  |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1103D - Gum Bayou<br>AU ID: 1103D_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
|----------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------|-----|
| Use                                          | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause        | Cat |
| Aquatic Life Use                             | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 28             | .                  | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                              | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 4        | 28             | .                  | 2            | 3.71             | AD           | NC  | N  | NC      |                   |     |
|                                              |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| General Use                                  | Nutrient Screening Levels             | Total phosphorus      | 12/01/15   | 11/30/22 | 0.66     | 28             | .                  | 2            | 2.06             | AD           | NC  | N  | NC      |                   |     |
|                                              |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.46     | 28             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                              |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.1      | 27             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                              |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| Recreation Use                               | Bacteria Geomean                      | Enterococcus          | 12/01/15   | 11/30/22 | 35       | 28             | 69.75              | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water | 4a  |
|                                              |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |

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| Seg ID: 1103E - Cedar Creek<br>AU ID: 1103E_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                            | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                               | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 26             | .                  | 2            | 1.8              | AD           | FS  | N  | FS      |                                     |     |
|                                                | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 5        | 26             | .                  | 13           | 3.48             | AD           | CS  | N  | CS      | Depressed dissolved oxygen in water |     |
|                                                |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                    | Nutrient Screening Levels             | Ammonia               | 12/01/15   | 11/30/22 | 0.33     | 28             | .                  | 1            | 0.5              | AD           | NC  | N  | NC      |                                     |     |
|                                                |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.95     | 28             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                |                                       | Total phosphorus      | 12/01/15   | 11/30/22 | 0.69     | 28             | .                  | 2            | 0.86             | AD           | NC  | N  | NC      |                                     |     |
|                                                |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                 | Bacteria Geomean                      | E. coli               | 12/01/15   | 11/30/22 | 126      | 26             | 332.13             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water                   | 4a  |
|                                                |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1103F - Unnamed Tributary of Dickinson Bayou Tidal<br>AU ID: 1103F_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|-------------------------------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                                                           | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                                              | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 21             | .                  | 8            | 2.11             | AD           | NS  | N  | NS      | Depressed dissolved oxygen in water | 5b  |
|                                                                               | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 4        | 21             | .                  | 11           | 2.47             | AD           | CS  | N  | CS      | Depressed dissolved oxygen in water |     |
|                                                                               |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                                                   | Nutrient Screening Levels             | Total phosphorus      | 12/01/15   | 11/30/22 | 0.66     | 18             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                                               |                                       | Chlorophyll-a         | 12/01/15   | 11/30/22 | 21       | 21             | .                  | 1            | 23               | AD           | NC  | N  | NC      |                                     |     |
|                                                                               |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.1      | 21             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                                               |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.46     | 20             | .                  | 2            | 0.83             | AD           | NC  | N  | NC      |                                     |     |
|                                                                               |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                                                | Bacteria Geomean                      | Enterococcus          | 12/01/15   | 11/30/22 | 35       | 20             | 106.91             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water                   | 4a  |
|                                                                               |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1103G - Unnamed Tributary of Gum Bayou<br>AU ID: 1103G_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|-------------------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                                               | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                                  | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 28             | .                  | 3            | 2.43             | AD           | FS  | N  | FS      |                                     |     |
|                                                                   | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 4        | 28             | .                  | 7            | 3.17             | AD           | CS  | N  | CS      | Depressed dissolved oxygen in water |     |
|                                                                   |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                                       | Nutrient Screening Levels             | Total phosphorus      | 12/01/15   | 11/30/22 | 0.66     | 28             | .                  | 2            | 1.41             | AD           | NC  | N  | NC      |                                     |     |
|                                                                   |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.1      | 27             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                                   |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.46     | 28             | .                  | 1            | 1                | AD           | NC  | N  | NC      |                                     |     |
|                                                                   |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                                    | Bacteria Geomean                      | Enterococcus          | 12/01/15   | 11/30/22 | 35       | 28             | 332.67             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water                   | 4a  |
|                                                                   |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1104 - Dickinson Bayou Above Tidal<br>AU ID: 1104_01 |                  |           |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
|--------------------------------------------------------------|------------------|-----------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------|-----|
| Use                                                          | Method           | Parameter | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause        | Cat |
| Recreation Use                                               | Bacteria Geomean | E. coli   | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | NS      | Bacteria in water | 4a  |
|                                                              |                  |           |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |

| Seg ID: 1104 - Dickinson Bayou Above Tidal<br>AU ID: 1104_02 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |            |     |
|--------------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|------------|-----|
| Use                                                          | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause | Cat |
| Aquatic Life Use                                             | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 20             | .                  | 0            | .                | AD           | FS  | N  | FS      |            |     |
|                                                              | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 4        | 20             | .                  | 2            | 3.6              | AD           | NC  | N  | NC      |            |     |
|                                                              |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |            |     |

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| Seg ID: 1104 - Dickinson Bayou Above Tidal<br>AU ID: 1104_02 |                           |                        |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
|--------------------------------------------------------------|---------------------------|------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------|-----|
| Use                                                          | Method                    | Parameter              | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause        | Cat |
| General Use                                                  | Dissolved Solids          | Total dissolved solids | 12/01/15   | 11/30/22 | 600      | 20             | 393.45             | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                              |                           | Chloride               | 12/01/15   | 11/30/22 | 200      | 18             | 77.73              | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                              |                           | Sulfate                | 12/01/15   | 11/30/22 | 100      | 18             | 46.27              | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                              | High pH                   | pH                     | 12/01/15   | 11/30/22 | 9        | 20             | .                  | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                              | Low pH                    | pH                     | 12/01/15   | 11/30/22 | 6.5      | 20             | .                  | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                              | Nutrient Screening Levels | Chlorophyll-a          | 12/01/15   | 11/30/22 | 14.1     | 21             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                              |                           | Ammonia                | 12/01/15   | 11/30/22 | 0.33     | 19             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                              |                           | Nitrate                | 12/01/15   | 11/30/22 | 1.95     | 21             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                              |                           | Total phosphorus       | 12/01/15   | 11/30/22 | 0.69     | 19             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                              | Water Temperature         | Water temperature      | 12/01/15   | 11/30/22 | 32.2     | 20             | .                  | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                              |                           |                        |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| Recreation Use                                               | Bacteria Geomean          | E. coli                | 03/01/15   | 11/30/22 | 126      | 20             | 229.91             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water | 4a  |
|                                                              |                           |                        |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |

| Seg ID: 1105 - Bastrop Bayou Tidal<br>AU ID: 1105_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                                  | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                     | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 131            | .                  | 10           | 1.92             | AD           | FS  | N  | FS      |                                     |     |
|                                                      | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 4        | 131            | .                  | 26           | 2.87             | AD           | CS  | N  | CS      | Depressed dissolved oxygen in water |     |
|                                                      |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                          | High pH                               | pH                    | 12/01/15   | 11/30/22 | 9        | 131            | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                      | Low pH                                | pH                    | 12/01/15   | 11/30/22 | 6.5      | 131            | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                      | Nutrient Screening Levels             | Chlorophyll-a         | 12/01/15   | 11/30/22 | 21       | 43             | .                  | 6            | 33.3             | AD           | NC  | N  | NC      |                                     |     |
|                                                      |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.1      | 131            | .                  | 3            | 5.95             | AD           | NC  | N  | NC      |                                     |     |
|                                                      |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.46     | 128            | .                  | 1            | 0.8              | AD           | NC  | N  | NC      |                                     |     |
|                                                      |                                       | Total phosphorus      | 12/01/15   | 11/30/22 | 0.66     | 131            | .                  | 12           | 1.34             | AD           | NC  | N  | NC      |                                     |     |
|                                                      | Water Temperature                     | Water temperature     | 12/01/15   | 11/30/22 | 35       | 131            | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                      |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                       | Bacteria Geomean                      | Enterococcus          | 12/01/15   | 11/30/22 | 35       | 128            | 54.58              | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water                   | 5r  |
|                                                      |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1105A - Flores Bayou<br>AU ID: 1105A_03 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
|-------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------|-----|
| Use                                             | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause        | Cat |
| Aquatic Life Use                                | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 23             | .                  | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                 | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 5        | 23             | .                  | 1            | 4.8              | AD           | NC  | N  | NC      |                   |     |
|                                                 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| General Use                                     | Nutrient Screening Levels             | Total phosphorus      | 12/01/15   | 11/30/22 | 0.69     | 28             | .                  | 4            | 1.39             | AD           | NC  | N  | NC      |                   |     |
|                                                 |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.95     | 28             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                 |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.33     | 28             | .                  | 2            | 1.2              | AD           | NC  | N  | NC      |                   |     |
|                                                 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| Recreation Use                                  | Bacteria Geomean                      | E. coli               | 12/01/15   | 11/30/22 | 126      | 23             | 189.56             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water | 5b  |
|                                                 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |

| Seg ID: 1105B - Austin Bayou Tidal<br>AU ID: 1105B_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |            |     |
|-------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|------------|-----|
| Use                                                   | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause | Cat |
| Aquatic Life Use                                      | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 56             | .                  | 1            | 2.9              | AD           | FS  | N  | FS      |            |     |
|                                                       | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 4        | 56             | .                  | 3            | 3.29             | AD           | NC  | N  | NC      |            |     |
|                                                       |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |            |     |

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| Seg ID: 1105B - Austin Bayou Tidal<br>AU ID: 1105B_01 |                           |                  |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
|-------------------------------------------------------|---------------------------|------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------|-----|
| Use                                                   | Method                    | Parameter        | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause        | Cat |
| General Use                                           | Nutrient Screening Levels | Total phosphorus | 12/01/15   | 11/30/22 | 0.66     | 56             | .                  | 6            | 1.32             | AD           | NC  | N  | NC      |                   |     |
|                                                       |                           | Nitrate          | 12/01/15   | 11/30/22 | 1.1      | 56             | .                  | 1            | 1.15             | AD           | NC  | N  | NC      |                   |     |
|                                                       |                           | Ammonia          | 12/01/15   | 11/30/22 | 0.46     | 56             | .                  | 1            | 0.5              | AD           | NC  | N  | NC      |                   |     |
|                                                       |                           | Chlorophyll-a    | 12/01/15   | 11/30/22 | 21       | 47             | .                  | 11           | 55.82            | AD           | NC  | N  | NC      |                   |     |
|                                                       |                           |                  |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| Recreation Use                                        | Bacteria Geomean          | Enterococcus     | 12/01/15   | 11/30/22 | 35       | 56             | 68.93              | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water | 5r  |
|                                                       |                           |                  |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |

| Seg ID: 1105C - Austin Bayou Above Tidal<br>AU ID: 1105C_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
|-------------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------|-----|
| Use                                                         | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause        | Cat |
| Aquatic Life Use                                            | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 28             | .                  | 1            | 2.9              | AD           | FS  | N  | FS      |                   |     |
|                                                             | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 5        | 28             | .                  | 2            | 3.9              | AD           | NC  | N  | NC      |                   |     |
|                                                             |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| General Use                                                 | Nutrient Screening Levels             | Ammonia               | 12/01/15   | 11/30/22 | 0.33     | 28             | .                  | 4            | 0.58             | AD           | NC  | N  | NC      |                   |     |
|                                                             |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.95     | 28             | .                  | 1            | 2.23             | AD           | NC  | N  | NC      |                   |     |
|                                                             |                                       | Total phosphorus      | 12/01/15   | 11/30/22 | 0.69     | 28             | .                  | 3            | 1.53             | AD           | NC  | N  | NC      |                   |     |
|                                                             |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| Recreation Use                                              | Bacteria Geomean                      | E. coli               | 12/01/15   | 11/30/22 | 126      | 28             | 173.5              | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water | 5b  |
|                                                             |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |

| Seg ID: 1105D - Unnamed Tributary of Bastrop Creek<br>AU ID: 1105D_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
|-----------------------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------|-----|
| Use                                                                   | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause        | Cat |
| Aquatic Life Use                                                      | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 23             | .                  | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                                       | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 5        | 23             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                                       |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| General Use                                                           | Nutrient Screening Levels             | Ammonia               | 12/01/15   | 11/30/22 | 0.33     | 28             | .                  | 3            | 0.7              | AD           | NC  | N  | NC      |                   |     |
|                                                                       |                                       | Total phosphorus      | 12/01/15   | 11/30/22 | 0.69     | 28             | .                  | 1            | 0.8              | AD           | NC  | N  | NC      |                   |     |
|                                                                       |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.95     | 28             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                                       |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| Recreation Use                                                        | Bacteria Geomean                      | E. coli               | 12/01/15   | 11/30/22 | 126      | 23             | 138.85             | 1            | .                | AD           | CN  | N  | CN      | Bacteria in water |     |
|                                                                       |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |

| Seg ID: 1105E - Brushy Bayou<br>AU ID: 1105E_01 |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|-------------------------------------------------|---------------------------------------|---------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                             | Method                                | Parameter                 | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                | Dissolved Oxygen 24hr average         | Dissolved oxygen 24hr Avg | 12/01/15   | 11/30/22 | 5        | 4              | .                  | 3            | 3.53             | TR           | NS  | N  | NA      |                                     |     |
|                                                 | Dissolved Oxygen 24hr minimum         | Dissolved oxygen 24hr Min | 12/01/15   | 11/30/22 | 3        | 4              | .                  | 3            | 0.93             | TR           | NS  | N  | NA      |                                     |     |
|                                                 | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab     | 12/01/15   | 11/30/22 | 3        | 18             | .                  | 1            | 2.6              | AD           | FS  | Y  | NS      | Depressed dissolved oxygen in water | 5r  |
|                                                 | Dissolved Oxygen grab screening level | Dissolved oxygen Grab     | 12/01/15   | 11/30/22 | 5        | 18             | .                  | 5            | 3.64             | AD           | CS  | N  | CS      | Depressed dissolved oxygen in water |     |
|                                                 |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                     | Nutrient Screening Levels             | Total phosphorus          | 12/01/15   | 11/30/22 | 0.69     | 23             | .                  | 3            | 1.27             | AD           | NC  | N  | NC      |                                     |     |
|                                                 |                                       | Nitrate                   | 12/01/15   | 11/30/22 | 1.95     | 23             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                 |                                       | Ammonia                   | 12/01/15   | 11/30/22 | 0.33     | 23             | .                  | 4            | 0.6              | AD           | NC  | N  | NC      |                                     |     |
|                                                 |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                  | Bacteria Geomean                      | E. coli                   | 12/01/15   | 11/30/22 | 126      | 18             | 260.75             | 1            | .                | LD           | CN  | Y  | NS      | Bacteria in water                   | 5b  |
|                                                 |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

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| Seg ID: 1107 - Chocolate Bayou Tidal<br>AU ID: 1107_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                         |     |
|--------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------|-----|
| Use                                                    | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause              | Cat |
| Aquatic Life Use                                       | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 63             | .                  | 1            | 2.06             | AD           | FS  | N  | FS      |                         |     |
|                                                        | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 4        | 63             | .                  | 5            | 3.32             | AD           | NC  | N  | NC      |                         |     |
|                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                         |     |
| Fish Consumption Use                                   | DSHS Limited Consumption Advisory     | PCBs                  | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | PCBs in edible tissue   | 5c  |
|                                                        |                                       | Dioxins               | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | Dioxin in edible tissue | 5c  |
|                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                         |     |
| General Use                                            | High pH                               | pH                    | 12/01/15   | 11/30/22 | 9        | 63             | .                  | 0            | .                | AD           | FS  | N  | FS      |                         |     |
|                                                        | Low pH                                | pH                    | 12/01/15   | 11/30/22 | 6.5      | 63             | .                  | 0            | .                | AD           | FS  | N  | FS      |                         |     |
|                                                        | Nutrient Screening Levels             | Nitrate               | 12/01/15   | 11/30/22 | 1.1      | 63             | .                  | 2            | 2.69             | AD           | NC  | N  | NC      |                         |     |
|                                                        |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.46     | 60             | .                  | 0            | .                | AD           | NC  | N  | NC      |                         |     |
|                                                        |                                       | Total phosphorus      | 12/01/15   | 11/30/22 | 0.66     | 63             | .                  | 4            | 1.06             | AD           | NC  | N  | NC      |                         |     |
|                                                        |                                       | Chlorophyll-a         | 12/01/15   | 11/30/22 | 21       | 32             | .                  | 10           | 28.11            | AD           | CS  | N  | CS      | Chlorophyll-a in water  |     |
|                                                        | Water Temperature                     | Water temperature     | 12/01/15   | 11/30/22 | 35       | 63             | .                  | 0            | .                | AD           | FS  | N  | FS      |                         |     |
|                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                         |     |
| Recreation Use                                         | Bacteria Geomean                      | Enterococcus          | 12/01/15   | 11/30/22 | 35       | 61             | 54.08              | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water       | 5a  |
|                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                         |     |

| Seg ID: 1108 - Chocolate Bayou Above Tidal<br>AU ID: 1108_01 |                                       |                        |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
|--------------------------------------------------------------|---------------------------------------|------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------|-----|
| Use                                                          | Method                                | Parameter              | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause        | Cat |
| Aquatic Life Use                                             | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab  | 12/01/15   | 11/30/22 | 3        | 22             | .                  | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                              | Dissolved Oxygen grab screening level | Dissolved oxygen Grab  | 12/01/15   | 11/30/22 | 5        | 22             | .                  | 1            | 4.7              | AD           | NC  | N  | NC      |                   |     |
|                                                              |                                       |                        |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| General Use                                                  | Dissolved Solids                      | Sulfate                | 12/01/15   | 11/30/22 | 100      | 21             | 34.5               | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                              |                                       | Chloride               | 12/01/15   | 11/30/22 | 200      | 21             | 131.57             | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                              |                                       | Total dissolved solids | 12/01/15   | 11/30/22 | 900      | 22             | 572.21             | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                              | High pH                               | pH                     | 12/01/15   | 11/30/22 | 9        | 22             | .                  | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                              | Low pH                                | pH                     | 12/01/15   | 11/30/22 | 6.5      | 22             | .                  | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                              | Nutrient Screening Levels             | Total phosphorus       | 12/01/15   | 11/30/22 | 0.69     | 22             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                              |                                       | Ammonia                | 12/01/15   | 11/30/22 | 0.33     | 21             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                              |                                       | Nitrate                | 12/01/15   | 11/30/22 | 1.95     | 20             | .                  | 2            | 2.16             | AD           | NC  | N  | NC      |                   |     |
|                                                              |                                       | Chlorophyll-a          | 12/01/15   | 11/30/22 | 14.1     | 20             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                              | Water Temperature                     | Water temperature      | 12/01/15   | 11/30/22 | 32.2     | 22             | .                  | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                              |                                       |                        |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| Recreation Use                                               | Bacteria Geomean                      | E. coli                | 12/01/15   | 11/30/22 | 126      | 21             | 167.66             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water | 5a  |
|                                                              |                                       |                        |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |

| Seg ID: 1109 - Oyster Creek Tidal<br>AU ID: 1109_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|-----------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                                 | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                    | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 47             | .                  | 1            | 1.67             | AD           | FS  | N  | FS      |                                     |     |
|                                                     | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 4        | 47             | .                  | 8            | 3.32             | AD           | CS  | N  | CS      | Depressed dissolved oxygen in water |     |
|                                                     |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                         | High pH                               | pH                    | 12/01/15   | 11/30/22 | 9        | 47             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                     | Low pH                                | pH                    | 12/01/15   | 11/30/22 | 6.5      | 47             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                     | Nutrient Screening Levels             | Ammonia               | 12/01/15   | 11/30/22 | 0.46     | 45             | .                  | 2            | 1.15             | AD           | NC  | N  | NC      |                                     |     |
|                                                     |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.1      | 45             | .                  | 10           | 3.12             | AD           | NC  | N  | NC      |                                     |     |
|                                                     |                                       | Total phosphorus      | 12/01/15   | 11/30/22 | 0.66     | 47             | .                  | 5            | 1.14             | AD           | NC  | N  | NC      |                                     |     |
|                                                     |                                       | Chlorophyll-a         | 12/01/15   | 11/30/22 | 21       | 16             | .                  | 4            | 29.48            | AD           | NC  | N  | NC      |                                     |     |
|                                                     | Water Temperature                     | Water temperature     | 12/01/15   | 11/30/22 | 35       | 47             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                     |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                      | Bacteria Geomean                      | Enterococcus          | 12/01/15   | 11/30/22 | 35       | 45             | 83.96              | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water                   | 5a  |
|                                                     |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

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| Seg ID: 1110 - Oyster Creek Above Tidal<br>AU ID: 1110_01 |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|-----------------------------------------------------------|---------------------------------------|---------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                                       | Method                                | Parameter                 | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                          | Dissolved Oxygen 24hr average         | Dissolved oxygen 24hr Avg | 12/01/15   | 11/30/22 | 5        | 8              | .                  | 3            | 4.17             | LD           | NS  | N  | NS      | Depressed dissolved oxygen in water | 5c  |
|                                                           | Dissolved Oxygen 24hr minimum         | Dissolved oxygen 24hr Min | 12/01/15   | 11/30/22 | 3        | 8              | .                  | 0            | .                | LD           | NC  | Y  | NS      | Depressed dissolved oxygen in water | 5c  |
|                                                           | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab     | 12/01/15   | 11/30/22 | 3        | 34             | .                  | 2            | 2.6              | SM           | FS  | N  | NA      |                                     |     |
|                                                           | Dissolved Oxygen grab screening level | Dissolved oxygen Grab     | 12/01/15   | 11/30/22 | 5        | 34             | .                  | 17           | 3.88             | SM           | CS  | N  | NA      |                                     |     |
|                                                           | Habitat                               | Habitat                   | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | CS      | Impaired habitat in water           |     |
|                                                           |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                               | Dissolved Solids                      | Sulfate                   | 12/01/15   | 11/30/22 | 150      | 63             | 26.99              | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                           |                                       | Chloride                  | 12/01/15   | 11/30/22 | 300      | 63             | 72.51              | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                           |                                       | Total dissolved solids    | 12/01/15   | 11/30/22 | 750      | 93             | 435.7              | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                           | High pH                               | pH                        | 12/01/15   | 11/30/22 | 9        | 34             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                           | Low pH                                | pH                        | 12/01/15   | 11/30/22 | 6.5      | 34             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                           | Nutrient Screening Levels             | Ammonia                   | 12/01/15   | 11/30/22 | 0.33     | 32             | .                  | 1            | 0.36             | AD           | NC  | N  | NC      |                                     |     |
|                                                           |                                       | Nitrate                   | 12/01/15   | 11/30/22 | 1.95     | 33             | .                  | 5            | 2.85             | AD           | NC  | N  | NC      |                                     |     |
|                                                           |                                       | Total phosphorus          | 12/01/15   | 11/30/22 | 0.69     | 33             | .                  | 4            | 0.91             | AD           | NC  | N  | NC      |                                     |     |
|                                                           |                                       | Chlorophyll-a             | 12/01/15   | 11/30/22 | 14.1     | 22             | .                  | 3            | 40.47            | AD           | NC  | N  | NC      |                                     |     |
|                                                           | Water Temperature                     | Water temperature         | 12/01/15   | 11/30/22 | 32.2     | 34             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                           |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                            | Bacteria Geomean                      | E. coli                   | 12/01/15   | 11/30/22 | 126      | 35             | 196.67             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water                   | 5a  |
|                                                           |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1110 - Oyster Creek Above Tidal<br>AU ID: 1110_02 |                                       |                        |            |          |          |                |                    |              |                  |              |     |    |         |                                          |     |
|-----------------------------------------------------------|---------------------------------------|------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|------------------------------------------|-----|
| Use                                                       | Method                                | Parameter              | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                               | Cat |
| Aquatic Life Use                                          | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab  | 12/01/15   | 11/30/22 | 3        | 27             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                          |     |
|                                                           | Dissolved Oxygen grab screening level | Dissolved oxygen Grab  | 12/01/15   | 11/30/22 | 5        | 27             | .                  | 12           | 3.97             | AD           | CS  | N  | CS      | Depressed dissolved oxygen in water      |     |
|                                                           | Habitat                               | Habitat                | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | CS      | Impaired habitat in water                |     |
|                                                           | Macrobenthic community (Qualitative)  | Macrobenthic community | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | CN      | Impaired macrobenthic community in water |     |
|                                                           |                                       |                        |            |          |          |                |                    |              |                  |              |     |    |         |                                          |     |
| General Use                                               | Dissolved Solids                      | Total dissolved solids | 12/01/15   | 11/30/22 | 750      | 93             | 435.7              | 0            | .                | AD           | FS  | N  | FS      |                                          |     |
|                                                           |                                       | Sulfate                | 12/01/15   | 11/30/22 | 150      | 63             | 26.99              | 0            | .                | AD           | FS  | N  | FS      |                                          |     |
|                                                           |                                       | Chloride               | 12/01/15   | 11/30/22 | 300      | 63             | 72.51              | 0            | .                | AD           | FS  | N  | FS      |                                          |     |
|                                                           | High pH                               | pH                     | 12/01/15   | 11/30/22 | 9        | 27             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                          |     |
|                                                           | Low pH                                | pH                     | 12/01/15   | 11/30/22 | 6.5      | 27             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                          |     |
|                                                           | Nutrient Screening Levels             | Ammonia                | 12/01/15   | 11/30/22 | 0.33     | 21             | .                  | 1            | 0.4              | AD           | NC  | N  | NC      |                                          |     |
|                                                           |                                       | Total phosphorus       | 12/01/15   | 11/30/22 | 0.69     | 21             | .                  | 6            | 0.99             | AD           | NC  | N  | NC      |                                          |     |
|                                                           |                                       | Nitrate                | 12/01/15   | 11/30/22 | 1.95     | 21             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                          |     |
|                                                           |                                       |                        |            |          |          |                |                    |              |                  |              |     |    |         |                                          |     |
|                                                           | Water Temperature                     | Water temperature      | 12/01/15   | 11/30/22 | 32.2     | 27             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                          |     |
|                                                           |                                       |                        |            |          |          |                |                    |              |                  |              |     |    |         |                                          |     |
| Recreation Use                                            | Bacteria Geomean                      | E. coli                | 12/01/15   | 11/30/22 | 126      | 26             | 148.5              | 1            | .                | AD           | CN  | N  | CN      | Bacteria in water                        |     |
|                                                           |                                       |                        |            |          |          |                |                    |              |                  |              |     |    |         |                                          |     |

| Seg ID: 1110 - Oyster Creek Above Tidal<br>AU ID: 1110_03 |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|-----------------------------------------------------------|---------------------------------------|---------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                                       | Method                                | Parameter                 | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                          | Dissolved Oxygen 24hr average         | Dissolved oxygen 24hr Avg | 12/01/15   | 11/30/22 | 5        | 11             | .                  | 9            | 3.17             | AD           | NS  | N  | NS      | Depressed dissolved oxygen in water | 5c  |
|                                                           | Dissolved Oxygen 24hr minimum         | Dissolved oxygen 24hr Min | 12/01/15   | 11/30/22 | 3        | 11             | .                  | 8            | 1.83             | AD           | NS  | N  | NS      | Depressed dissolved oxygen in water | 5c  |
|                                                           | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab     | 12/01/15   | 11/30/22 | 3        | 9              | .                  | 5            | 1.9              | SM           | NS  | N  | NA      |                                     |     |
|                                                           | Dissolved Oxygen grab screening level | Dissolved oxygen Grab     | 12/01/15   | 11/30/22 | 5        | 9              | .                  | 7            | 2.27             | SM           | CS  | N  | NA      |                                     |     |
|                                                           | Habitat                               | Habitat                   | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | CS      | Impaired habitat in water           |     |
|                                                           |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

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| Seg ID: 1110 - Oyster Creek Above Tidal<br>AU ID: 1110_03 |                           |                        |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
|-----------------------------------------------------------|---------------------------|------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|---------------------------|-----|
| Use                                                       | Method                    | Parameter              | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                | Cat |
| General Use                                               | Dissolved Solids          | Chloride               | 12/01/15   | 11/30/22 | 300      | 63             | 72.51              | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                           |                           | Total dissolved solids | 12/01/15   | 11/30/22 | 750      | 93             | 435.7              | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                           |                           | Sulfate                | 12/01/15   | 11/30/22 | 150      | 63             | 26.99              | 0            | .                | AD           | FS  | N  | FS      |                           |     |
|                                                           | High pH                   | pH                     | 12/01/15   | 11/30/22 | 9        | 9              | .                  | 0            | .                | LD           | NC  | N  | NC      |                           |     |
|                                                           | Low pH                    | pH                     | 12/01/15   | 11/30/22 | 6.5      | 9              | .                  | 0            | .                | LD           | NC  | N  | NC      |                           |     |
|                                                           | Nutrient Screening Levels | Total phosphorus       | 12/01/15   | 11/30/22 | 0.69     | 9              | .                  | 9            | 1.49             | LD           | CS  | N  | CS      | Total Phosphorus in water |     |
|                                                           |                           | Ammonia                | 12/01/15   | 11/30/22 | 0.33     | 9              | .                  | 3            | 0.43             | LD           | NC  | N  | NC      |                           |     |
|                                                           |                           | Nitrate                | 12/01/15   | 11/30/22 | 1.95     | 9              | .                  | 2            | 2.27             | LD           | NC  | N  | NC      |                           |     |
|                                                           | Water Temperature         | Water temperature      | 12/01/15   | 11/30/22 | 32.2     | 9              | .                  | 0            | .                | LD           | NC  | N  | NC      |                           |     |
|                                                           |                           |                        |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |
| Recreation Use                                            | Bacteria Geomean          | E. coli                | 12/01/15   | 11/30/22 | 126      | 9              | 297.16             | 1            | .                | LD           | CN  | N  | CN      | Bacteria in water         |     |
|                                                           |                           |                        |            |          |          |                |                    |              |                  |              |     |    |         |                           |     |

| Seg ID: 1111 - Old Brazos River Channel Tidal<br>AU ID: 1111_01 |                                       |                             |            |          |          |                |                    |              |                  |              |     |    |         |            |     |
|-----------------------------------------------------------------|---------------------------------------|-----------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|------------|-----|
| Use                                                             | Method                                | Parameter                   | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause | Cat |
| Aquatic Life Use                                                | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab       | 12/01/15   | 11/30/22 | 3        | 18             | .                  | 0            | .                | AD           | FS  | N  | FS      |            |     |
|                                                                 | Dissolved Oxygen grab screening level | Dissolved oxygen Grab       | 12/01/15   | 11/30/22 | 4        | 18             | .                  | 1            | 3.58             | AD           | NC  | N  | NC      |            |     |
|                                                                 | Toxic Substances in sediment          | 2-Methylnaphthalene         | 12/01/15   | 11/30/22 | 670      | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | Chloroform                  | 12/01/15   | 11/30/22 | 8860     | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                                       | Xylene                      | 12/01/15   | 11/30/22 | 7620     | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                                       | 1,1,2-Trichloroethane       | 12/01/15   | 11/30/22 | 1800     | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                                       | 1,1,1-Trichloroethane       | 12/01/15   | 11/30/22 | 35860    | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                                       | 1,2,4-Trichlorobenzene      | 12/01/15   | 11/30/22 | 2320     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | Bromoform                   | 12/01/15   | 11/30/22 | 10670    | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                                       | Toluene                     | 12/01/15   | 11/30/22 | 7750     | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                                       | 1,1,2,2-Tetrachloroethane   | 12/01/15   | 11/30/22 | 3690     | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                                       | Styrene                     | 12/01/15   | 11/30/22 | 22310    | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                                       | Nitrobenzene                | 12/01/15   | 11/30/22 | 8000     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | Methylene chloride          | 12/01/15   | 11/30/22 | 22940    | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                                       | 4-Methyl-2-Pentanone (MIBK) | 12/01/15   | 11/30/22 | 272060   | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                                       | 1,2-Dichloropropane         | 12/01/15   | 11/30/22 | 21520    | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                                       | 1,2-Dichloroethane          | 12/01/15   | 11/30/22 | 26260    | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                                       | Chlorobenzene               | 12/01/15   | 11/30/22 | 8180     | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                                       | Benzene                     | 12/01/15   | 11/30/22 | 4080     | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                                       | Acetone                     | 12/01/15   | 11/30/22 | 1003360  | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                                       | Di-n-butyl phthalate        | 12/01/15   | 11/30/22 | 17000    | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | gamma-BHC (Lindane)         | 12/01/15   | 11/30/22 | 0.99     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | Benzo(a)anthracene          | 12/01/15   | 11/30/22 | 1600     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | 1,3-Dichlorobenzene         | 12/01/15   | 11/30/22 | 1950     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | Trichloroethene             | 12/01/15   | 11/30/22 | 7300     | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                                       | Pyrene                      | 12/01/15   | 11/30/22 | 2600     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | Phenanthrene                | 12/01/15   | 11/30/22 | 1500     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | PCBs                        | 12/01/15   | 11/30/22 | 180      | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | Naphthalene                 | 12/01/15   | 11/30/22 | 2100     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | Hexachloroethane            | 12/01/15   | 11/30/22 | 5640     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | Hexachlorobutadiene (HCBD)  | 12/01/15   | 11/30/22 | 670      | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | Fluorene                    | 12/01/15   | 11/30/22 | 540      | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | Fluoranthene                | 12/01/15   | 11/30/22 | 5100     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | Endrin                      | 12/01/15   | 11/30/22 | 62.4     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | Dieldrin                    | 12/01/15   | 11/30/22 | 4.3      | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | Dibenz(a,h)anthracene       | 12/01/15   | 11/30/22 | 260      | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | DDT                         | 12/01/15   | 11/30/22 | 4.77     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | DDE                         | 12/01/15   | 11/30/22 | 374      | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                                       | DDD                         | 12/01/15   | 11/30/22 | 7.81     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |

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| Seg ID: 1111 - Old Brazos River Channel Tidal<br>AU ID: 1111_01 |                              |                            |            |          |          |                |                    |              |                  |              |     |    |         |            |     |
|-----------------------------------------------------------------|------------------------------|----------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|------------|-----|
| Use                                                             | Method                       | Parameter                  | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause | Cat |
| Aquatic Life Use                                                | Toxic Substances in sediment | Chrysene                   | 12/01/15   | 11/30/22 | 2800     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Chloromethane              | 12/01/15   | 11/30/22 | 52430    | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                              | Chlordane                  | 12/01/15   | 11/30/22 | 4.79     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Benzo(a)pyrene             | 12/01/15   | 11/30/22 | 1600     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Anthracene                 | 12/01/15   | 11/30/22 | 1100     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Acrylonitrile              | 12/01/15   | 11/30/22 | 3240     | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                              | Acenaphthylene             | 12/01/15   | 11/30/22 | 640      | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Acenaphthene               | 12/01/15   | 11/30/22 | 500      | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | 1,4-Dichlorobenzene        | 12/01/15   | 11/30/22 | 4210     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Zinc                       | 12/01/15   | 11/30/22 | 410      | 5              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Silver                     | 12/01/15   | 11/30/22 | 3.7      | 5              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Phenol (single compound)   | 12/01/15   | 11/30/22 | 1200     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Dimethyl phthalate         | 12/01/15   | 11/30/22 | 530      | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Diethyl phthalate          | 12/01/15   | 11/30/22 | 1100     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | N-Butyl benzyl phthalate   | 12/01/15   | 11/30/22 | 640      | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Di-n-octyl phthalate       | 12/01/15   | 11/30/22 | 45000    | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | 2,4-Dinitrotoluene         | 12/01/15   | 11/30/22 | 14960    | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Hexachlorocyclopentadiene  | 12/01/15   | 11/30/22 | 1060     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | 2-Methylphenol (o-cresol)  | 12/01/15   | 11/30/22 | 63       | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                              | Benzyl alcohol             | 12/01/15   | 11/30/22 | 73       | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                              | Benzoic acid               | 12/01/15   | 11/30/22 | 650      | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                              | Pentachlorobenzene         | 12/01/15   | 11/30/22 | 44350    | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                              | 1,2,4,5-Tetrachlorobenzene | 12/01/15   | 11/30/22 | 1640     | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                              | Nickel                     | 12/01/15   | 11/30/22 | 51.6     | 4              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Mercury                    | 12/01/15   | 11/30/22 | 0.71     | 5              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Lead                       | 12/01/15   | 11/30/22 | 218      | 5              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Copper                     | 12/01/15   | 11/30/22 | 270      | 5              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Chromium                   | 12/01/15   | 11/30/22 | 370      | 3              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                              | Cadmium                    | 12/01/15   | 11/30/22 | 9.6      | 5              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Arsenic                    | 12/01/15   | 11/30/22 | 70       | 5              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | 2,4-Dimethylphenol         | 12/01/15   | 11/30/22 | 29       | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | 1,1-Dichloroethylene       | 12/01/15   | 11/30/22 | 92470    | 1              | .                  | 0            | .                | ID           | NA  | N  | NA      |            |     |
|                                                                 |                              | Pentachlorophenol (PCP)    | 12/01/15   | 11/30/22 | 690      | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Parathion (ethyl)          | 12/01/15   | 11/30/22 | 300      | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Heptachlor                 | 12/01/15   | 11/30/22 | 2.74     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Bis(2-ethylhexyl)phthalate | 12/01/15   | 11/30/22 | 2647     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | 1,2-Dichlorobenzene        | 12/01/15   | 11/30/22 | 4440     | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Arachlor 1254              | 12/01/15   | 11/30/22 | 709      | 6              | .                  | 0            | .                | LD           | NC  | N  | NC      |            |     |
| General Use                                                     | High pH                      | pH                         | 12/01/15   | 11/30/22 | 9        | 18             | .                  | 0            | .                | AD           | FS  | N  | FS      |            |     |
|                                                                 | Low pH                       | pH                         | 12/01/15   | 11/30/22 | 6.5      | 18             | .                  | 0            | .                | AD           | FS  | N  | FS      |            |     |
|                                                                 | Nutrient Screening Levels    | Ammonia                    | 12/01/15   | 11/30/22 | 0.46     | 16             | .                  | 0            | .                | AD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Nitrate                    | 12/01/15   | 11/30/22 | 1.1      | 18             | .                  | 0            | .                | AD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Chlorophyll-a              | 12/01/15   | 11/30/22 | 21       | 15             | .                  | 1            | 27.1             | AD           | NC  | N  | NC      |            |     |
|                                                                 |                              | Total phosphorus           | 12/01/15   | 11/30/22 | 0.66     | 18             | .                  | 0            | .                | AD           | NC  | N  | NC      |            |     |
|                                                                 | Water Temperature            | Water temperature          | 12/01/15   | 11/30/22 | 35       | 18             | .                  | 0            | .                | AD           | FS  | N  | FS      |            |     |
| Recreation Use                                                  | Bacteria Geomean             | Enterococcus               | 12/01/14   | 11/30/22 | 35       | 20             | 11.1               | 0            | .                | AD           | FS  | N  | FS      |            |     |

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| Seg ID: 1113 - Armand Bayou Tidal<br>AU ID: 1113_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                         |     |
|-----------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------|-----|
| Use                                                 | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause              | Cat |
| Aquatic Life Use                                    | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 42             | .                  | 0            | .                | AD           | FS  | N  | FS      |                         |     |
|                                                     | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 4        | 42             | .                  | 1            | 3.9              | AD           | NC  | N  | NC      |                         |     |
|                                                     |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                         |     |
| Fish Consumption Use                                | DSHS No Consumption Advisory          | PCBs                  | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | PCBs in edible tissue   | 5c  |
|                                                     |                                       | Dioxins               | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | Dioxin in edible tissue | 5c  |
|                                                     |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                         |     |
| General Use                                         | High pH                               | pH                    | 12/01/15   | 11/30/22 | 9        | 42             | .                  | 2            | 9.25             | AD           | FS  | N  | FS      |                         |     |
|                                                     | Low pH                                | pH                    | 12/01/15   | 11/30/22 | 6.5      | 42             | .                  | 0            | .                | AD           | FS  | N  | FS      |                         |     |
|                                                     | Nutrient Screening Levels             | Chlorophyll-a         | 12/01/15   | 11/30/22 | 21       | 26             | .                  | 18           | 33.5             | AD           | CS  | N  | CS      | Chlorophyll-a in water  |     |
|                                                     |                                       | Total phosphorus      | 12/01/15   | 11/30/22 | 0.66     | 42             | .                  | 0            | .                | AD           | NC  | N  | NC      |                         |     |
|                                                     |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.46     | 42             | .                  | 0            | .                | AD           | NC  | N  | NC      |                         |     |
|                                                     |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.1      | 38             | .                  | 1            | 1.64             | AD           | NC  | N  | NC      |                         |     |
|                                                     | Water Temperature                     | Water temperature     | 12/01/15   | 11/30/22 | 35       | 42             | .                  | 0            | .                | AD           | FS  | N  | FS      |                         |     |
|                                                     |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                         |     |
| Recreation Use                                      | Bacteria Geomean                      | Enterococcus          | 12/01/15   | 11/30/22 | 35       | 41             | 16.4               | 0            | .                | AD           | FS  | N  | FS      |                         |     |
|                                                     |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                         |     |

| Seg ID: 1113 - Armand Bayou Tidal<br>AU ID: 1113_02 |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|-----------------------------------------------------|---------------------------------------|---------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                                 | Method                                | Parameter                 | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                    | Dissolved Oxygen 24hr minimum         | Dissolved oxygen 24hr Min | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | NS      | Depressed dissolved oxygen in water | 5b  |
|                                                     | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab     | 12/01/15   | 11/30/22 | 3        | 72             | .                  | 2            | 1.25             | SM           | FS  | N  | NA      |                                     |     |
|                                                     | Dissolved Oxygen grab screening level | Dissolved oxygen Grab     | 12/01/15   | 11/30/22 | 4        | 72             | .                  | 6            | 2.78             | AD           | NC  | N  | NC      |                                     |     |
|                                                     |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Fish Consumption Use                                | DSHS No Consumption Advisory          | PCBs                      | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | PCBs in edible tissue               | 5c  |
|                                                     |                                       | Dioxins                   | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | Dioxin in edible tissue             | 5c  |
|                                                     |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                         | High pH                               | pH                        | 12/01/15   | 11/30/22 | 9        | 73             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                     | Low pH                                | pH                        | 12/01/15   | 11/30/22 | 6.5      | 73             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                     | Nutrient Screening Levels             | Chlorophyll-a             | 12/01/15   | 11/30/22 | 21       | 24             | .                  | 22           | 63.38            | AD           | CS  | N  | CS      | Chlorophyll-a in water              |     |
|                                                     |                                       | Total phosphorus          | 12/01/15   | 11/30/22 | 0.66     | 75             | .                  | 4            | 0.8              | AD           | NC  | N  | NC      |                                     |     |
|                                                     |                                       | Ammonia                   | 12/01/15   | 11/30/22 | 0.46     | 74             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                     |                                       | Nitrate                   | 12/01/15   | 11/30/22 | 1.1      | 75             | .                  | 5            | 2.08             | AD           | NC  | N  | NC      |                                     |     |
|                                                     | Water Temperature                     | Water temperature         | 12/01/15   | 11/30/22 | 35       | 74             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                     |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                      | Bacteria Geomean                      | Enterococcus              | 12/01/15   | 11/30/22 | 35       | 74             | 27.26              | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                     |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1113 - Armand Bayou Tidal<br>AU ID: 1113_03 |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|-----------------------------------------------------|---------------------------------------|---------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                                 | Method                                | Parameter                 | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                    | Dissolved Oxygen 24hr average         | Dissolved oxygen 24hr Avg | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | NS      | Depressed dissolved oxygen in water | 5b  |
|                                                     | Dissolved Oxygen 24hr minimum         | Dissolved oxygen 24hr Min | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | NS      | Depressed dissolved oxygen in water | 5b  |
|                                                     | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab     | 12/01/15   | 11/30/22 | 3        | 25             | .                  | 3            | 2.53             | SM           | FS  | N  | NA      |                                     |     |
|                                                     | Dissolved Oxygen grab screening level | Dissolved oxygen Grab     | 12/01/15   | 11/30/22 | 4        | 25             | .                  | 11           | 3.24             | SM           | CS  | N  | NA      |                                     |     |
|                                                     |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Fish Consumption Use                                | DSHS No Consumption Advisory          | PCBs                      | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | PCBs in edible tissue               | 5c  |
|                                                     |                                       | Dioxins                   | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | OE           | NS  | N  | NS      | Dioxin in edible tissue             | 5c  |
|                                                     |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                         | High pH                               | pH                        | 12/01/15   | 11/30/22 | 9        | 25             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |
|                                                     | Low pH                                | pH                        | 12/01/15   | 11/30/22 | 6.5      | 25             | .                  | 0            | .                | AD           | FS  | N  | FS      |                                     |     |

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| Seg ID: 1113 - Armand Bayou Tidal<br>AU ID: 1113_03 |                           |                   |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
|-----------------------------------------------------|---------------------------|-------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------|-----|
| Use                                                 | Method                    | Parameter         | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause        | Cat |
| General Use                                         | Nutrient Screening Levels | Chlorophyll-a     | 12/01/15   | 11/30/22 | 21       | 25             | .                  | 3            | 28.7             | AD           | NC  | N  | NC      |                   |     |
|                                                     |                           | Total phosphorus  | 12/01/15   | 11/30/22 | 0.66     | 24             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                     |                           | Ammonia           | 12/01/15   | 11/30/22 | 0.46     | 23             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                     |                           | Nitrate           | 12/01/15   | 11/30/22 | 1.1      | 25             | .                  | 1            | 3.08             | AD           | NC  | N  | NC      |                   |     |
|                                                     | Water Temperature         | Water temperature | 12/01/15   | 11/30/22 | 35       | 25             | .                  | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                     |                           |                   |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| Recreation Use                                      | Bacteria Geomean          | Enterococcus      | 12/01/15   | 11/30/22 | 35       | 23             | 32.92              | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water | 4a  |
|                                                     |                           |                   |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |

| Seg ID: 1113A - Armand Bayou Above Tidal<br>AU ID: 1113A_01 |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                          |     |
|-------------------------------------------------------------|---------------------------------------|---------------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|------------------------------------------|-----|
| Use                                                         | Method                                | Parameter                 | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                               | Cat |
| Aquatic Life Use                                            | Dissolved Oxygen 24hr average         | Dissolved oxygen 24hr Avg | 12/01/15   | 11/30/22 | 3        | 5              | .                  | 0            | .                | LD           | NC  | Y  | NS      | Depressed dissolved oxygen in water      | 5c  |
|                                                             | Dissolved Oxygen 24hr minimum         | Dissolved oxygen 24hr Min | 12/01/15   | 11/30/22 | 2        | 5              | .                  | 2            | 1.85             | LD           | CN  | Y  | NS      | Depressed dissolved oxygen in water      | 5c  |
|                                                             | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab     | 12/01/15   | 11/30/22 | 2        | 101            | .                  | 2            | 1.6              | SM           | FS  | N  | NA      |                                          |     |
|                                                             | Dissolved Oxygen grab screening level | Dissolved oxygen Grab     | 12/01/15   | 11/30/22 | 3        | 101            | .                  | 4            | 2.05             | SM           | NC  | N  | NA      |                                          |     |
|                                                             | Fish Community (Regional)             | Fish community            | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | NS      | Impaired fish community in water         | 5c  |
|                                                             | Macrobenthic community (Qualitative)  | Macrobenthic community    | 12/01/15   | 11/30/22 | .        | 0              | .                  | .            | .                | ID           | NA  | Y  | NS      | Impaired macrobenthic community in water | 5c  |
|                                                             |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                          |     |
| General Use                                                 | Nutrient Screening Levels             | Total phosphorus          | 12/01/15   | 11/30/22 | 0.69     | 106            | .                  | 1            | 0.96             | AD           | NC  | N  | NC      |                                          |     |
|                                                             |                                       | Ammonia                   | 12/01/15   | 11/30/22 | 0.33     | 106            | .                  | 7            | 0.91             | AD           | NC  | N  | NC      |                                          |     |
|                                                             |                                       | Nitrate                   | 12/01/15   | 11/30/22 | 1.95     | 106            | .                  | 0            | .                | AD           | NC  | N  | NC      |                                          |     |
|                                                             |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                          |     |
| Recreation Use                                              | Bacteria Geomean                      | E. coli                   | 12/01/15   | 11/30/22 | 126      | 105            | 290.66             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water                        | 4a  |
|                                                             |                                       |                           |            |          |          |                |                    |              |                  |              |     |    |         |                                          |     |

| Seg ID: 1113B - Horsepen Bayou Tidal<br>AU ID: 1113B_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|---------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                                     | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                        | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 48             | .                  | 3            | 2.12             | AD           | FS  | N  | FS      |                                     |     |
|                                                         | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 4        | 48             | .                  | 10           | 3.08             | AD           | CS  | N  | CS      | Depressed dissolved oxygen in water |     |
|                                                         |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                             | Nutrient Screening Levels             | Ammonia               | 12/01/15   | 11/30/22 | 0.46     | 45             | .                  | 6            | 1.66             | AD           | NC  | N  | NC      |                                     |     |
|                                                         |                                       | Chlorophyll-a         | 12/01/15   | 11/30/22 | 21       | 48             | .                  | 15           | 45.78            | AD           | CS  | N  | CS      | Chlorophyll-a in water              |     |
|                                                         |                                       | Total phosphorus      | 12/01/15   | 11/30/22 | 0.66     | 48             | .                  | 32           | 1.78             | AD           | CS  | N  | CS      | Total Phosphorus in water           |     |
|                                                         |                                       | Nitrate               | 12/01/15   | 11/30/22 | 1.1      | 48             | .                  | 44           | 6.84             | AD           | CS  | N  | CS      | Nitrate in water                    |     |
|                                                         |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                          | Bacteria Geomean                      | Enterococcus          | 12/01/15   | 11/30/22 | 35       | 45             | 38.56              | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water                   | 4a  |
|                                                         |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |

| Seg ID: 1113C - Unnamed Tributary to Horsepen Bayou<br>AU ID: 1113C_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
|------------------------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------|-----|
| Use                                                                    | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause        | Cat |
| Aquatic Life Use                                                       | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 50             | .                  | 1            | 2.9              | AD           | FS  | N  | FS      |                   |     |
|                                                                        | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 5        | 50             | .                  | 4            | 3.48             | AD           | NC  | N  | NC      |                   |     |
|                                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| General Use                                                            | Nutrient Screening Levels             | Nitrate               | 12/01/15   | 11/30/22 | 1.95     | 53             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                                        |                                       | Total phosphorus      | 12/01/15   | 11/30/22 | 0.69     | 53             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                                        |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.33     | 53             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| Recreation Use                                                         | Bacteria Geomean                      | E. coli               | 12/01/15   | 11/30/22 | 126      | 53             | 190.21             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water | 4a  |
|                                                                        |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |

| Seg ID: 1113D - Willow Springs Bayou<br>AU ID: 1113D_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
|---------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------|-----|
| Use                                                     | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause        | Cat |
| Aquatic Life Use                                        | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 48             | .                  | 0            | .                | AD           | FS  | N  | FS      |                   |     |
|                                                         | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 5        | 48             | .                  | 1            | 3.7              | AD           | NC  | N  | NC      |                   |     |
|                                                         |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| General Use                                             | Nutrient Screening Levels             | Nitrate               | 12/01/15   | 11/30/22 | 1.95     | 34             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                         |                                       | Total phosphorus      | 12/01/15   | 11/30/22 | 0.69     | 34             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                         |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.33     | 34             | .                  | 0            | .                | AD           | NC  | N  | NC      |                   |     |
|                                                         |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |
| Recreation Use                                          | Bacteria Geomean                      | E. coli               | 12/01/15   | 11/30/22 | 126      | 52             | 748.61             | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water | 4a  |
|                                                         |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                   |     |

| Seg ID: 1113E - Big Island Slough<br>AU ID: 1113E_01 |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
|------------------------------------------------------|---------------------------------------|-----------------------|------------|----------|----------|----------------|--------------------|--------------|------------------|--------------|-----|----|---------|-------------------------------------|-----|
| Use                                                  | Method                                | Parameter             | Start Date | End Date | Criteria | #Data Assessed | Mean Data Assessed | #Exceedances | Mean Exceedances | DS Qualifier | LOS | CF | Int LOS | TCEQ Cause                          | Cat |
| Aquatic Life Use                                     | Dissolved Oxygen grab minimum         | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 3        | 51             | .                  | 3            | 2.6              | AD           | FS  | N  | FS      |                                     |     |
|                                                      | Dissolved Oxygen grab screening level | Dissolved oxygen Grab | 12/01/15   | 11/30/22 | 5        | 51             | .                  | 16           | 3.98             | AD           | CS  | N  | CS      | Depressed dissolved oxygen in water |     |
|                                                      |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| General Use                                          | Nutrient Screening Levels             | Nitrate               | 12/01/15   | 11/30/22 | 1.95     | 53             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                      |                                       | Total phosphorus      | 12/01/15   | 11/30/22 | 0.69     | 53             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                      |                                       | Ammonia               | 12/01/15   | 11/30/22 | 0.33     | 53             | .                  | 0            | .                | AD           | NC  | N  | NC      |                                     |     |
|                                                      |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |
| Recreation Use                                       | Bacteria Geomean                      | E. coli               | 12/01/15   | 11/30/22 | 126      | 53             | 301.6              | 1            | .                | AD           | NS  | N  | NS      | Bacteria in water                   | 4a  |
|                                                      |                                       |                       |            |          |          |                |                    |              |                  |              |     |    |         |                                     |     |