| Report Abbreviations | Description: | | | | | | | | |
|-----------------------------|--|--|--|--|--|--|--|--|--|
| SEGID: | Unique Segment identification alpha-numeric code; can be stream, reservoir, estuary, oyster waters, beach watch, etc. | | | | | | | | |
| AUID: | Unique Assessment Unit code; this is a portion of the segment the AUID begins with and ends with _01, _02, etc. Some AUIDs are special units ending in "SA," or oyster water AUIDs are indicated by "OW" and beach watch AUIDs are indicated by abbreviations for name of beach in AUID. | | | | | | | | |
| ASMT Start Date: | The start date of the period of record data for this method was selected; the official 2018 period of record is from 12/1/2009 to 11/30/2016. Assessors have the option of going | | | | | | | | |
| ASIMI Start Date. | back 10 years (12/1/2006) to select more data, according to assessment guidance. | | | | | | | | |
| ASMT End Date: | The end date of the period of record data for this method was selected; the official 2018 period of record dates are 12/1/2009 to 11/30/2016. Assessors have the option of | | | | | | | | |
| | including more recently collected data than 12/01/2016, if available. | | | | | | | | |
| # Assd: | 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 Assd: | Mean of samples assessed; includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria. | | | | | | | | |
| # Exceed: | The number of samples that exceed criteria for single sample, or binomial, methods (not averaged data). | | | | | | | | |
| Mean Exceed: | This is the mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data). | | | | | | | | |
| Criteria: | Value that the data is compared against to determine 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 sample sizes: | | | | | | | | |
| | AD = Adequate Data (10 or more samples) $TR = Temporally Not Representative, used with NA$ | | | | | | | | |
| | LD = Limited Data (less than 9, greater than 3) $SR = Spatially Not Representative, used with NA$ | | | | | | | | |
| | ID = Inadequate Data (less than 4) $OE = Other information than ambient samples evaluated$ | | | | | | | | |
| | JQ = Level of support is based on judgment of the assessor $OS =$ Assessment area outside state boundaries | | | | | | | | |
| | SM = This assessment method is superseded by another | | | | | | | | |
| | method | | | | | | | | |
| LOS: | Level of support for this use, method, assessment parameter: | | | | | | | | |
| | FS = Fully Supporting $NS = Nonsupport$ | | | | | | | | |
| | NC = No Concern CS = Screening Level Concern | | | | | | | | |
| | NA = Not Assessed CN = Use Concern | | | | | | | | |
| CF: | Carry forward indicator check box: 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 t he LOS (described above) due to carry | | | | | | | | |
| TOTO C | 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: Insufficient or no data and information to determine if standard is attained | | | | | | | | |
| | Category 4: Standard is not attained or nonattainment is predicted in the near future due to one or more parameters, but no TMDLs are required. | | | | | | | | |
| | 4a - All TMDLs have been completed and approved by EPA. | | | | | | | | |
| | 4b - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future. | | | | | | | | |
| | 4c - Nonattainment of the standard for one or more parameters is shown to be caused by pollution, n ot by pollutants and that the water quality conditions cannot | | | | | | | | |
| | be changed by the allocation and control of pollutants through the TMDL process. | | | | | | | | |
| | Category 5: Standard is not attained or nonattainment is predicted in the near future for one or more parameters. | | | | | | | | |
| | 5a - TMDLs are underway, scheduled, or may be scheduled for one or more parameters. 5b - review of the standards for one or more parameters will be conducted before a management strategy is selected, including a possible revision to the | | | | | | | | |
| | so - review of the standards for one of more parameters will be conducted before a management strategy is selected, including a possible revision to the water quality standards. | | | | | | | | |
| | 5c - Additional data or information will be collected and/or evaluated for one or more parameters before a man agement strategy is selected. | | | | | | | | |
| | Se reactional data of information will be concelled and of evaluated for one of more parameters before a man agement surgey is selected. | | | | | | | | |

SEGID: 1501 Tres Palacios Creek Tidal

| Aquatic Life Use | | | | Data Assess | ed E | xceedances | Data | a | | | Int | | |
|---------------------------------------|---------------------------|---------------------|----------|-----------------------|------|-----------------------|-------------|-----|----|--------------|------------|----------------------------|-----|
| Method | Parameter | Period of Record | Criteria | # Valu | e # | <i>t</i> Value | Qua | l L | OS | CF | | TCEQ Cause | Cat |
| Dissolved Oxygen 24hr average | Dissolved Oxygen 24hr Avg | 12/01/09 - 11/30/16 | 5 | | | | ID | N | A | V | NS | depressed dissolved oxygen | 5b |
| Dissolved Oxygen 24hr minimum | Dissolved Oxygen 24hr Min | 12/01/09 - 11/30/16 | 4 | | | | ID | N | A | \checkmark | NS | depressed dissolved oxygen | 5b |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/01/09 - 11/30/16 | 4 | 43 | 1 | 1 3.46 | SM | N | IS | | NA | | |
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/01/09 - 11/30/16 | 5 | 43 | 1 | 2 3.54 | SM | C | CS | | NA | | |
| Recreation Use | | | | | | | _ | | | | _ | | |
| Method | Parameter | Period of Record | Criteria | Data Assess # Valu | | xceedances ŧ Value | Data Qua | | OS | CF | Int LOS | TCEQ Cause | Cat |
| Bacteria Geomean | Enterococcus | 12/01/09 - 11/30/16 | 35 | 42 65.9 | 1] | 1 | AD | N | IS | | NS | bacteria | 4a |
| General Use | | | | Data Assess | ed E | xceedances | Data | | | | Int | | |
| Method | Parameter | Period of Record | Criteria | # Valu | | | Qua | | OS | CF | | TCEQ Cause | Cat |
| High pH | pH | 12/01/09 - 11/30/16 | 9 | 43 | (| 0 | AD | F | ſS | | FS | | |
| Low pH | рН | 12/01/09 - 11/30/16 | 6.50 | 43 | (| 0 | AD | F | S | | FS | | |
| Nutrient Screening Levels | Ammonia | 12/01/09 - 11/30/16 | 0.46 | 42 | 1 | 1 0.76 | AD | N | IC | | NC | | |
| Nutrient Screening Levels | Chlorophyll-a | 12/01/09 - 11/30/16 | 21 | 43 | 2 | 3 39.38 | AD | C | CS | | CS | chlorophyll-a | |
| Nutrient Screening Levels | Nitrate | 12/01/09 - 11/30/16 | 1.10 | 43 | 1 | 0 2.19 | AD | N | IC | | NC | | |
| Nutrient Screening Levels | Total Phosphorus | 12/01/09 - 11/30/16 | 0.66 | 35 | (| 0 | AD | N | IC | | NC | | |
| Water Temperature | Water temperature | 12/01/09 - 11/30/16 | 35 | 43 | |) | AD | | S | | FS | | |

SEGID: 1502 Tres Palacios Creek Above Tidal

| AUID: 1502_01 Middle por | rtion of segment from the c | confluence with Walla | ce Creek up | stream to conflue | ence with unnan | ned tributary with NHD | RC 12100401013089 about 1.0 km SW o |
|---------------------------------------|-----------------------------|-----------------------|-------------|--------------------------|------------------------|-----------------------------|-------------------------------------|
| Aquatic Life Use Method | Parameter | Period of Record | Criteria | Data Assessed # Value | Exceedances # Value | Data Int Qual LOS CF LOS | TCEQ Cause Cat |
| Dissolved Oxygen grab minimum | Dissolved Oxygen Grab | 12/01/09 - 11/30/16 | 3 | 25 | 0 | AD FS 🗖 FS | |
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/01/09 - 11/30/16 | 5 | 25 | 0 | AD NC 🗆 NC | |
| Recreation Use Method | Parameter | Period of Record | Criteria | Data Assessed # Value | Exceedances # Value | Data Int Qual LOS CF LOS | TCEQ Cause Cat |
| Bacteria Geomean | E. coli | 12/01/09 - 11/30/16 | 126 | 24 131.83 | 1 | AD CN CN | Bacteria in water |
| General Use Method | Parameter | Period of Record | Criteria | Data Assessed # Value | Exceedances # Value | Data Int Qual LOS CF LOS | TCEQ Cause Cat |
| Dissolved Solids | Chloride | 12/01/09 - 11/30/16 | 250 | 24 232.73 | 0 | AD FS 🗖 FS | |
| Dissolved Solids | Sulfate | 12/01/09 - 11/30/16 | 100 | 26 34.42 | 0 | AD FS 🗆 FS | |
| Dissolved Solids | Total Dissolved Solids | 12/01/09 - 11/30/16 | 800 | 26 565.39 | 0 | AD FS 🗆 FS | |
| High pH | pН | 12/01/09 - 11/30/16 | 9 | 25 | 0 | AD FS 🗆 FS | |
| Low pH | pН | 12/01/09 - 11/30/16 | 6.50 | 25 | 0 | AD FS 🗆 FS | |
| Nutrient Screening Levels | Ammonia | 12/01/09 - 11/30/16 | 0.33 | 26 | 1 0.48 | AD NC 🗆 NC | |
| Nutrient Screening Levels | Chlorophyll-a | 12/01/09 - 11/30/16 | 14.10 | 26 | 13 79.62 | AD CS CS | chlorophyll-a |
| Nutrient Screening Levels | Nitrate | 12/01/09 - 11/30/16 | 1.95 | 27 | 4 4.25 | AD NC 🗆 NC | |
| Nutrient Screening Levels | Total Phosphorus | 12/01/09 - 11/30/16 | 0.69 | 20 | 2 0.98 | AD NC 🛛 NC | |
| | | 12/01/09 - 11/30/16 | | | | AD FS 🗆 FS | |

| AUID: 1502_02 | Upper portion of segment from the con | nfluence with unname | ed tributary | about 1.0 km SV | V of intersection | n of 418 and 422 NE of City of Danevang in Wharton County ups |
|-----------------------|---------------------------------------|----------------------|--------------|--------------------------|------------------------|---|
| General Use Method | Parameter | Period of Record | Criteria | Data Assessed # Value | Exceedances # Value | Data Int Qual LOS CF LOS TCEQ Cause Cat |
| Dissolved Solids | Chloride | 12/01/09 - 11/30/16 | 250 | 24 232.73 | 0 | AD FS 🗆 FS |
| Dissolved Solids | Sulfate | 12/01/09 - 11/30/16 | 100 | 26 34.42 | 0 | AD FS 🗆 FS |
| Dissolved Solids | Total Dissolved Solids | 12/01/09 - 11/30/16 | 800 | 26 565.39 | 0 | AD FS 🗆 FS |

| Aquatic Life Use Method | Parameter | Period of Record | Criteria | Data Assessed # Value | Exceedances # Value | Data Int Qual LOS CF LOS TCEQ Cause | Cat |
|---------------------------------------|-----------------------|---------------------|----------|--------------------------|------------------------|--|-----|
| Dissolved Oxygen grab screening level | Dissolved Oxygen Grab | 12/01/09 - 11/30/16 | 5 | | | ID NA Z CS depressed dissolved oxygen | |
| General Use Method | Parameter | Period of Record | Criteria | Data Assessed # Value | Exceedances # Value | Data Int Qual LOS CF LOS TCEQ Cause | Cat |
| Dissolved Solids | Chloride | 12/01/09 - 11/30/16 | 250 | 24 232.73 | 0 | AD FS 🗆 FS | |
| Dissolved Solids | Sulfate | 12/01/09 - 11/30/16 | 100 | 26 34.42 | 0 | AD FS 🗆 FS | |
| Dissolved Solids | | | | | | | |