**Segment ID:** 2423 **Water body name:** East Bay

Estuary | Bays and Estuaries | Total size: 52.1 Sq. miles

| Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|---|---|---|---|---|---|---|
| **Aquatic Life Use** | | | | | | |
| Dissolved Oxygen grab average | No Concern | Entire segment | 52.1 | 112 | 1 | |
| Dissolved Oxygen grab minimum | Fully Supporting | Entire segment | 52.1 | 112 | 0 | |
| Dissolved Oxygen 24hr average | Not Assessed | Entire segment | 52.1 | 0 | | |
| Dissolved Oxygen 24hr minimum | Not Assessed | Entire segment | 52.1 | 0 | | |
| Acute Metals in water | Not Assess-Not Represent | Entire segment | 52.1 | 10 | | |
| Chronic Metals in water | Not Assess-Not Represent | Entire segment | 52.1 | 10 | | |
| Overall Aquatic Life Use | Fully Supporting | Entire segment | 52.1 | | | |
| **Contact Recreation Use** | | | | | | |
| Enterococci single sample | Fully Supporting | Entire segment | 52.1 | 31 | 0 | |
| Enterococci geometric mean | Fully Supporting | Entire segment | 52.1 | 31 | | 3 |
| Fecal coliform single sample | Fully Supporting | Entire segment | 52.1 | 1247 | 8 | |
| Fecal coliform geometric mean | Fully Supporting | Entire segment | 52.1 | 1247 | | 4 |
| Overall Recreation Use | Fully Supporting | Entire segment | 52.1 | | | |
| **General Use** | | | | | | |
| Water Temperature | Fully Supporting | Entire segment | 52.1 | 116 | 0 | |
| pH | Fully Supporting | Entire segment | 52.1 | 112 | 0 | |
| Overall General Use | Fully Supporting | Entire segment | 52.1 | | | |

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| Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|---|---|---|---|---|---|---|
| **Fish Consumption Use** | | | | | | |
| Human Health Criteria Metals | Fully Supporting | Entire segment | 52.1 | 10 | | |
| Overall Fish Consumption Use | Fully Supporting | Entire segment | 52.1 | | | |
| **Oyster Waters Use** | | | | | | |
| TDH Maps | Not Supporting | Area at the east end of the bay near East Bay Bayou and ICWW to Marsh Point | 11.5 | | | |
| TDH Maps | Fully Supporting | Remainder of bay west of Marsh Point | 40.6 | | | |
| **Overall Use Support** | | | | | | |
| | Not Supporting | Area at the east end of the bay near East Bay Bayou and ICWW to Marsh Point | 11.5 | | | |
| | Fully Supporting | Remainder of bay west of Marsh Point | 40.6 | | | |
| **Nutrient Enrichment Concern** | | | | | | |
| Ammonia Nitrogen | No Concern | Entire segment | 52.1 | 73 | 5 | |
| Nitrite + Nitrate Nitrogen | No Concern | Entire segment | 52.1 | 73 | 8 | |
| Orthophosphorus | No Concern | Entire segment | 52.1 | 73 | 0 | |
| Total Phosphorus | No Concern | Entire segment | 52.1 | 73 | 6 | |
| Overall Nutrient Enrichment Concerns | No Concern | Entire segment | 52.1 | | | |
| **Algal Growth Concern** | | | | | | |
| Chlorophyll a | No Concern | Entire segment | 52.1 | 73 | 6 | |
| **Sediment Contaminants Concern** | | | | | | |
| Metals in sediment | Not Assessed | Entire segment | 52.1 | 5 | | |
| Organics in sediment | Not Assessed | Entire segment | 52.1 | 5 | | |

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| Assessment Method | Status of Use Support or Concern | Location | Location size | # of samples | # of exceedances | Mean |
|---|---|---|---|---|---|---|
| **Sediment Contaminants Concern** (continued) | | | | | | |
| Overall Sediment Contaminant Concerns | Not Assessed | Entire segment | 52.1 | | | |
| **Fish Tissue Contaminants Concern** | | | | | | |
| Metals in fish tissue | No Concern | Entire segment | 52.1 | 43 | | |
| Organics in fish tissue | No Concern | Entire segment | 52.1 | 43 | | |
| Overall Fish Tissue Contaminant Concerns | No Concern | Entire segment | 52.1 | | | |
| **Narrative Criteria Concern** | | | | | | |
| Overall Narrative Criteria Concerns | No Concern | Entire segment | 52.1 | | | |
| **Overall Secondary Concern** | | | | | | |
| | No Concern | Entire segment | 52.1 | | | |