

## 10. Newport Bay Beaches:

- Beneficial Uses: REC 1 AND REC 2, MAR
- Hydrologic Unit: 801.11
- Total Water Body Size:
- Size Impaired: Unknown at this time
- Extent of Impairment: Unknown at this time
- Data Analyses:
  - *Coastal Fish Contamination Data:*
    - Walleye Surfperch 1/1 exceeded the MTRL Hg standard of 0.00037 ug/g
    - Barred Surfperch – 2/2 exceeded the MTRL Hg standard of 0.00037 ug/g
    - California Corbina – 1/1 exceeded the MTRL Hg standard of 0.00037 ug/g
    - California Corbina – 0/1 exceeded the NAS Hg standard of 0.5 ug/g
    - California Corbina – 0/1 exceeded the FDA Hg standard of 1.0 ug/g
    - White Croaker – 1/1 exceeded the MTRL Hg standard of 0.00037 ug/g
    - Walleye Surfperch – 1/1 exceeded the MTRL Ocean Waters diel\_w standard of 0.2 ug/kg
    - Walleye Surfperch – 1/1 exceeded the MTRL Bays and Estuaries diel\_w standard of 0.7 ug/kg
    - Walleye Surfperch – 0/1 exceeded the NAS diel\_w standard of 0.1 ug/g
    - Walleye Surfperch – 0/1 exceeded the FDA diel\_w standard of 0.3 ug/g
    - Walleye Surfperch – 1/1 exceeded the ddepp\_w standard of 32.0 ug/kg
    - Barred Surfperch – 1/2 exceeded the MTRL ddepp\_w standard of 32.0 ug/kg
    - Shiner Surfperch – 1/1 exceeded the MTRL ddepp\_w standard of 32.0 ug/kg
    - White Croaker - 1/1 exceeded the MTRL ddepp\_w standard of 32.0 ug/kg
    - Walleye Surfperch – 0/1 exceeded the NAS Hg standard of 0.5 ug/g
    - Walleye Surfperch – 0/1 exceeded the FDA Hg standard of 1.0 ug/g

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- Barred Surfperch – 0/2 exceeded the NAS Hg standard of 0.5 ug/g
  - Barred Surfperch – 0/2 exceeded the FDA Hg standard of 1.0 ug/g
  - Shiner Surfperch – 0/1 exceeded the MTRL Hg standard of 0.00037 ug/g
  - Shiner Surfperch – 0/1 exceeded the NAS Hg standard of 0.5 ug/g
  - Shiner Surfperch – 0/1 exceeded the FDA Hg standard of 1.0 ug/g
  - White Croaker – 0/1 exceeded the NAS Hg standard of 0.5 ug/g
  - White Croaker - 0/1 exceeded the FDA Hg standard of 1.0 ug/g
  - Walleye Surfperch - 0/1 exceeded the MTRL Endosulfan standard of 64.8 mg/kg
  - Walleye Surfperch – 0/1 exceeded the NAS Endosulfan standard of 0.1 ug/g
  - Barred Surfperch - 0/2 exceeded the MTRL Endosulfan standard of 64.8 mg/kg
  - Barred Surfperch – 0/2 exceeded the NAS Endosulfan standard of 0.1 ug/g
  - California Cobrina - 0/1 exceeded the MTRL Endosulfan standard of 64.8 mg/kg
  - California Cobrina – 0/1 exceeded the NAS Endosulfan standard of 0.1 ug/g
  - Shiner Surfperch - 0/1 exceeded the MTRL Endosulfan standard of 64.8 mg/kg
  - Shiner Surfperch – 0/1 exceeded the NAS Endosulfan standard of 0.1 ug/g
  - White Croaker - 0/1 exceeded the MTRL Endosulfan standard of 64.8 mg/kg
  - White Croaker – 0/1 exceeded the NAS Endosulfan standard of 0.1 ug/g
  - California Corbina – 0/1 exceeded the “MTRLS in Enclosed Bays” ddepp\_w standard of 32.0 ug/kg
- *Orange County Health Care Agency data:*
    - Newport Beach 38<sup>th</sup> Street Beach posted 5 times in 3 years during the wet and dry season. Heal the Bay grade is D for dry season and F for wet season.
    - Newport Beach 43<sup>rd</sup> Street Beach posted 1 time in 3 years during the dry season and Heal the Bay grade is F during the dry and F during the wet season.
    - Newport Beach 52-53<sup>rd</sup> Street Beach posted 0 times in 3 years. Heal the Bay Grade not available.

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- Newport Beach 19<sup>th</sup> Street Beach posted 2 times in 3 years during the dry and wet seasons. Heal the Bay grade is A during the dry and F during the wet season.
  - Newport Beach 1000 feet down coast of Santa Ana River posted 1 time in 3 years during the wet season.
  - Newport Beach 300 feet down coast of Santa Ana River posted 0 times in 3 years.
  - Newport Beach 10<sup>th</sup> Street Beach posted 0 times in 3 years and Heal the Bay grade is A in dry season and F in the wet season.
  - Newport Beach 15<sup>th</sup> Street Beach posted 0 times in 3 years. Heal the Bay grade is A in the dry season and F in the wet season.
  - Corona del Mar Beach posted 0 times in 3 years. Heal the Bay grade is A in the dry season and F in the wet season.
  - Little Corona Beach posted 1 time in 3 years. Heal the Bay grade is B for the dry season and F in the wet season.
- Potential Sources: Unknown at this time
  - Recommendation:
    - List Little Corona Beach, Newport Beach from 19<sup>th</sup> Street to 43<sup>rd</sup> Street and 1000 feet down coast from Santa Ana River on 303(d) list for impairment of REC 1, 2 beneficial uses due to bacterial contamination
    - Overall, more fish tissue monitoring due to not enough data points available per parameter to reach a conclusion for impairment and insufficient data to back up results.
  - TMDL Priority: High
  - TMDL Start Date: 2005
  - TMDL End Date: 2009