



San Francisco Bay Area Water Trail  
Site Description for  
**Antioch Marina**



**Location, Ownership, and Management:** The Antioch Marina is located north of downtown Antioch along the San Joaquin River, and is owned and managed by the City of Antioch. Day-to-day management of the Marina and boat launch facilities are handled by the Harbormaster.

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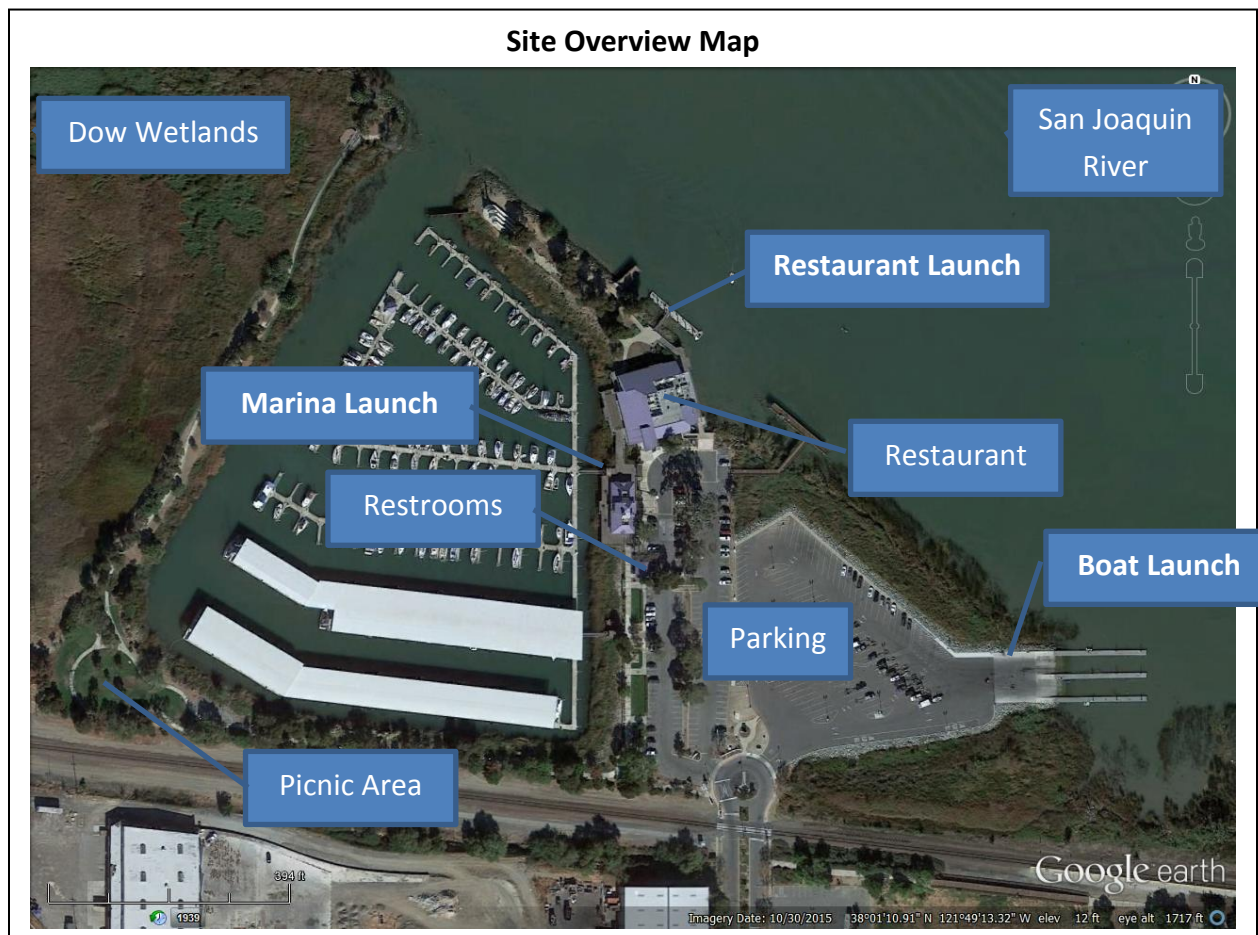
		
Boat Launch	Marina Launch	Restaurant Launch

**Facility Description:** The Antioch Marina serves both motorized and non-motorized boat users, providing access to the San Joaquin River, near its confluence with the Sacramento River. The Antioch Marina provides non-motorized small boat access at three primary locations:

- **Boat Launch** - Boat Launch facilities consist of two corrugated cement boat ramps with three high-freeboard docks located on the sides of the ramps. The high-freeboard docks are made of composite and extend approximately 150 feet. This launch is designed primarily for trailered boats, but is used by many different boat types. The southernmost dock is used most by non-motorized small boats due to the sheltered water on the south side of the dock that is away from motorized boat launch traffic. This dock also has tie-offs for kayaks. A public restroom near these docks is planned for 2016.
- **Marina Launch** – Marina facilities are located behind a locked gate within the marina; however, access to this area is open to the public upon request. Access to the Marina's high-freeboard docks is via an ADA gangway and non-motorized small boaters will typically launch along the eastern side of the dock where a channel leads to the mouth of the Marina.
- **Restaurant Launch** – The Restaurant Launch consists of an approximately 40-foot long gangway that leads to a low-freeboard dock on the San Joaquin River. This launch is located on the north side of the restaurant building and there is currently no accessible

path of travel to the dock. Improvements to the path of travel are anticipated to occur associated with improvements planned for the restaurant at the Marina in 2016/2017.

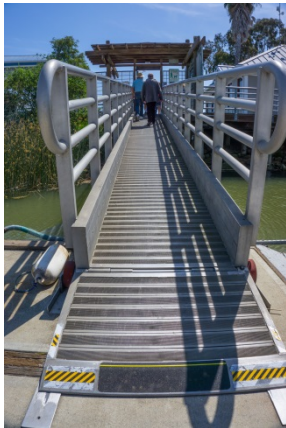
Although the Marina is generally oriented towards sailboats and trailered boats, the site provides a variety of facilities that make it a good launch for non-motorized small boats. The site has ample parking and access to a variety of nearby amenities, including a restaurant (currently vacant but undergoing renovations and scheduled to open in 2017), walking paths, picnic areas, and restrooms. Existing restrooms are located approximately 170 feet south of the Marina launch and new restrooms near the Boat Launch are scheduled for construction in 2016. Ample parking is available in large lots at the site, and is allowed for up to 72 consecutive hours. The parking area has six ADA spaces in the vicinity of the docks.



**Other Identifying or General Information:**

Site ID: <u>CC25</u> In WT Plan: <u>No</u> Existing or Planned: <u>Existing</u> Ownership: <u>Public</u> County: <u>Contra Costa</u> Geo-Region: <u>Carquinez Strait</u> Launch or Destination: <u>Launch</u> Home of a Club: <u>No</u> Used by a Program that Assists Persons with Disabilities: <u>No</u>	Appreciated for Windy Conditions: <u>No</u> Near Food or Drink: <u>Yes</u>  Proximity to Other Sites: The nearest location is Big Break Regional Shoreline, located approximately 5.5 miles east on the San Joaquin River. The Martinez Marina is located approximately 9 miles west.
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**Description of Launch/Landing:**

Fixed Dock/Pier Launch/Landing: <u>Yes</u> Float: <u>Yes</u> Freeboard Level: <u>High (9" and above)</u> Transfer/Launch Assistance System: <u>No</u> Gangway: <u>Yes, for Marina Launch and Restaurant Launch</u> Gangway Length (feet): 60 Gangway Width (inches): 40  <i>Gangway Slope Description: Gangway slope can be steep at low tides.</i>  Restrictions: The Marina Launch requires paddlers to get a key or have the gate opened by the Harbormaster.	Boat/Trailer Ramp: <u>Yes</u> Mudflats Affect Site Usability: <u>No</u> Beach Wheelchair Available: <u>No</u> Stair Water Entry: <u>No</u> Beach: <u>No</u> Water Entry Path: <u>No</u> Firm-Surface Beach Crossing: <u>No</u> Fee for Launch or Parking: <u>No</u>  Other Launch/Landing Notes: Most paddlers use the Boat Launch area due to ease of use and proximity to parking. This launch can get busy during weekends with lots of trailered boats launching and landing. Use of the Marina or Restaurant Launches requires a longer walk from the parking area; however, these launches are more oriented towards non-motorized small boat access.
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**Site Appears to be Suitable For:**

Kayak: <u>Yes</u> Windsurfer: <u>No</u> Kiteboard: <u>No</u> Whaleboat: <u>Yes</u> Stand Up Paddleboard: <u>Yes</u>	Canoe: <u>Yes</u> Outrigger Canoe: <u>Yes</u> Sculling: <u>No</u> Rowboat/Dinghy: <u>Yes</u> Dragonboat: <u>Yes</u>
Notes: The Boat Launch provides ramps that can be utilized by trailered non-motorized small boats (e.g., whaleboats).	

**Transportation and Parking:**

<p>General Spaces (number): 180 vehicle spaces, 80 trailered spaces</p> <p>ADA Parking Spaces (number): 12</p> <p>ADA Parking Description: Six ADA parking spaces, including 4 van-accessible spaces are located near the Marina offices and restaurant. Two van-accessible spaces are located between the Boat Launch parking area and the Marina offices and four trailered ADA van-accessible spaces are located near the Boat Launch.</p> <p>Duration (hours): Up to 72 hours</p> <p>Overnight Parking Allowed: <u>Yes</u></p> <p>Overnight Parking Description: 72 hour parking. \$5 fee per 24-hours to park for trailered boats.</p>	<p>Loading/Unloading Area: <u>Yes</u></p> <p>Bay Trail: <u>No, but a walking trail rings the Marina and links to an extensive trail system within the Dow Wetlands Preserve.</u></p> <p>Public Transportation: <u>TriDelta Transit bus 387 stops at 2<sup>nd</sup> Street and K Street, approximately ¼ mile from the Marina.</u></p>  <p><i>Large surface parking lots provide parking near the boat launch and include a pick-up and drop-off area.</i></p>
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**Other Site Amenities:**

Total Restrooms: 4

Total ADA Restrooms: 2

Restroom Description: Public restrooms do not appear to be accessible. The public can use the ADA private restrooms (for berth tenants) upon request of the Harbormaster. New ADA restrooms near the Boat Launch are scheduled for construction in 2016.

Boat Washing: Yes

Rigging/Staging Area: Yes

Picnic Tables: Yes

Benches: Yes

BBQ: Yes

Boat Storage: No



*Public restrooms are located near the Marina*

**Path of Travel:**

Distance to Launch from Parking Area (feet): Boat Launch – 180; Marina Launch – 240; Restaurant Launch – 280.

Distance to Launch from ADA Parking (feet): Boat Launch – 180; Marina Launch – 240; Restaurant Launch – 280

Distance to Launch from ADA Restrooms (feet): 190 (Marina Launch)

Distance from ADA Restrooms to ADA Parking (feet): 40 (Marina Launch)

Path of Travel Exists: Yes

Path of Travel Description: The striped path of travel occurs within the Boat Launch parking lot that leads to the docks. The entrance to the boat ramps has experienced substantial subsidence, which has caused some steep slopes near the entrance to the ramp that may exceed 8%. The Boat Launch high-freeboard docks otherwise appear to be accessible.

The path of travel to the Marina is paved and generally level from the parking area to the Marina gangway. No accessible path of travel currently exists to the Restaurant Launch; however, it is anticipated that one will be installed associated with planned improvements to the restaurant.



**Overnight Accommodations:**

Hotel: <u>No</u>	Hostel: <u>No</u>	Ship: <u>No</u>	Camping: <u>No</u>	Other: <u>No</u>
Accommodations Description: No overnight accommodations are located at the Marina. A Holiday Inn is located approximately ¾ mile south of the site.				

**Additional Notes Related to Accessibility:**

The launch ramp and path of travel appear to be accessible. The public restroom does not appear to be accessible but the City is scheduled to construct a new, accessible, restroom near the launch ramp.

**Safety and Security, including Parking:**

The parking area has 24/7 video surveillance and is well lit.

Duck hunting occurs in nearby wetlands October to February. Outside the Antioch Marina, small craft should be cautious and avoid the barges and other large ships that frequent the shipping lanes along the San Joaquin and Sacramento Rivers. Cargo ships, motorized boats, and sailboats are regularly moving along the rivers and within the Marina, so small non-motorized boats need to take caution to avoid these vessels.

Winds and currents on the rivers can be strong; paddlers need to take care to stay within their skill level.

**Wildlife and Habitat Considerations:**

Extensive marshes known to contain sensitive species and habitats occur on islands and along the shoreline of the San Joaquin and Sacramento Rivers in the vicinity of the Antioch Marina. The Antioch Marina is directly adjacent to the 200-acre Dow Wetlands Preserve. The Preserve has undergone substantial restoration and is accessible by kayak from the San Joaquin River. Paddlers are allowed to land on a dock within the preserve. Managers of restoration efforts determined that kayak access to the wetlands would not impact the educational and environmental goals of the Dow Wetlands Team. A letter of support for designation of the Antioch Marina from Dow's Public and Government Affairs Director is attached.



The Water Trail educational sign directs users not to land in marshes and to keep buffer distances from sensitive species.

**Education, Outreach, and Stewardship, Including Signage:**

The Lindsay Wildlife Museum in Antioch leads programs for thousands of school students each year near the Antioch Marina as they explore local wetlands, learning about species, habitats, and water science.

Delta Kayak Adventures offers a variety of tours to promote stewardship of the Delta.

**Other Existing or Anticipated Water Trail-Related Issues and Opportunities:**

The Antioch Marina is anticipated to have a variety of improvements during the next two years including a new public restroom near the Boat Launch, improvements to the path of travel to the Restaurant Launch, installation of small boat storage, and potentially a small boat vendor.



*A new tenant is coming into the restaurant at the Antioch Marina. The tenant is planning to invest in site improvements that would benefit paddlers, such as an improved path of travel to the Restaurant Launch.*

**Accessibility of Sites within the Suisun/Delta Geo-Region:**

There are six potential/existing Water Trail sites identified within this geo-region: Suisun City Marina (Designated); Downtown Suisun City (Designated); Belden's Landing; Antioch Marina; Big Break Regional Shoreline; and, Bay Point Regional Shoreline. Of these, the Suisun City Marina, Downtown Suisun, Antioch Marina, and Big Break Regional Shoreline provide a variety of accessible facilities. The Suisun City Marina provides accessible parking, accessible restrooms, and a loading and unloading area. The City of Suisun is pursuing a grant for a low-freeboard attachment to the existing high-freeboard dock. Downtown Suisun City also provides an ADA gangway to a high-freeboard dock and ADA parking. Big Break provides an accessible path of travel to the beach, and accessible restrooms, parking, drinking fountains, and trails.

The experiences that are available in the Suisun/Delta Geo-Region are primarily more rural experiences in slough environments.



**Summary of Environmental Review  
based on the  
San Francisco Bay Area Water Trail Plan Final Environmental Impact Report**

**Antioch Marina  
June 10, 2016**

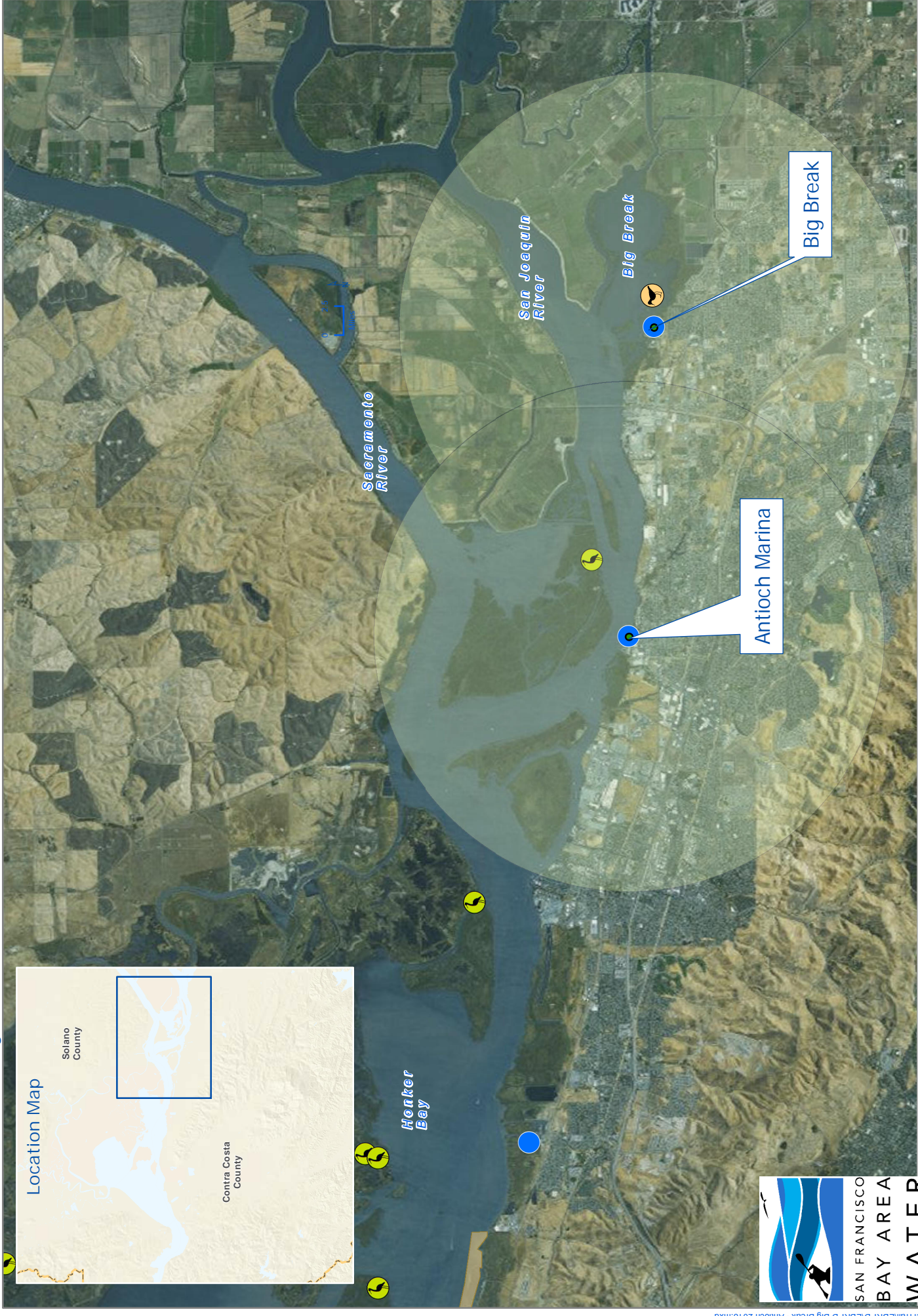
<b>Resource Area</b>	<b>Impacts Analysis</b>	<b>Notes</b>
Recreation References: WT DREIR, pp. 3-32 to 3-37.	<p>The Antioch Marina is a developed facility with boat launching available from several locations, parking, restrooms, restaurant, a pier and observation deck, and a picnic area and trails. Facilities are well maintained and have sufficient capacity to accommodate increased levels of use.</p> <p>Hunting is allowed in many the marshes within four miles of the site, although hunting is not allowed in any of the marshes immediately adjacent to the site.</p>	Water Trail users may submit comments to Water Trail staff through the website if they witness or experience recreational conflict at any designated site. The Water Trail educational sign would include warnings about seasonal hunting in the Bay (Oct – Jan) and includes the State Fish and Wildlife website for specific information.
Navigational and Personal Safety References: WT DREIR pp. 3-38 to 3-51, and Figures 3.4.2-1 and 3.4.2-2.	Small boat users should be aware of winds, tides, and currents and how to boat near other vessels on the San Joaquin and Sacramento Rivers.	The Water Trail educational sign that would be installed provides information related to navigational and personal boating safety.
Aesthetics References: WT DREIR pp. 3-56 to 3-68.	The Antioch Marina is considered an urban/wildland interface site, characterized by the public marina adjacent to industrial facilities, backed by views of marshes across the San Joaquin River and rising hills beyond.	The Water Trail will require the inclusion of a Water Trail identification sign at the site as well as the educational sign. A “sign program” will be developed with the City of Antioch to ensure that the I.D. signs and educational signs do not result in sign clutter at the site.

Resource Area	Impacts Analysis	Notes
<p>Biology-Vegetation References: WT DREIR pp. 3-69 to 3-92 and Table 3.7.2-1 and Table 3.7.2-2.</p>	<p>There is marsh habitat along the shoreline adjacent to the Marina and across the San Joaquin River. Boaters could explore the San Joaquin River, Dow Wetlands, and the sloughs surrounding it. Endangered and rare plant species such as Suisun marsh aster and soft salty bird's-beak have been found in the area.</p>	<p>Preventing the inadvertent spread of exotic, invasive plant species is important at all launch sites. The WT educational sign and website ask WT users to help prevent the spread of invasive species by rinsing boats and equipment immediately after use and by not landing in marshes or on levees.</p>
<p>Biology – Birds <i>References: WT FEIR text and map</i></p>	<p>There is currently one active heron or egret rookery located within four miles of the site.</p>	<p>The WT educational sign includes information about how to paddle responsibly around wildlife and to maintain a buffer distance from nesting herons and egrets, and to avoid landing in the marsh or on levees. The WT website and brochure include more detailed information about not disturbing nesting birds.</p>
<p>Biology – Rafting Waterfowl References: WT DREIR pp. 3-93 to 3-131 and Table 3.8.2-1, Figure 3.8.2-1.</p>	<p>This site provides access to areas where rafting waterfowl may congregate.</p>	<p>Avoiding disturbance of rafting waterfowl is addressed in the Water Trail educational sign, brochure, and website.</p>
<p>Biology – Ridgway's rail and California black rail and high tide refugia References: WT DREIR pp. 3-93 to 3-131 and Figure 3.8.2-2, Personal Communication with CDFW</p>	<p>Black rail and Ridgway's rail habitat are present in the nearby marshes.</p>	<p>Signage is needed to emphasize the importance of keeping a 50-foot buffer from rail habitat (not entering channels less than 100 feet wide) and staying clear of high-tide refugia, and that landing in marshes and on levees is prohibited. The Water Trail educational sign, brochure and website include this information.</p>

<b>Resource Area</b>	<b>Impacts Analysis</b>	<b>Notes</b>
<p>Biology –Western Snowy Plover and California Least Tern References: WT DREIR pp. 3-93 to 3-131 and Figures 3.8.2-3, Personal Communication with CDFW</p>	<p>Unique or important western snowy plover or least tern habitat does not exist in the vicinity of the Antioch Marina.</p>	<p>Signage is needed to emphasize the importance of keeping a 650-foot buffer from sensitive habitats and staying clear of high-tide refugia, and that landing in marshes and on levees is prohibited. The Water Trail educational sign, brochure and website include this information.</p>
<p>Biology – Northwestern Pond Turtles: References Water Trail DREIR, Personal Communication with CDFW</p>	<p>Northwestern pond turtles are generally found in freshwater ponds, including within Dow Wetland's upland ponds, not in sloughs. There is suitable woody debris where the turtles would bask along the San Joaquin River.</p>	<p>Boaters are advised through the WT brochure and website to not disembark in any undesignated areas or trample sensitive habitats, including marshes. The WT educational sign emphasizes that boaters should not land in marshes or on levees.</p>
<p>Biology – Harbor Seals References: WT DREIR pp. 3-132 to 3-156, Figure 3.9.2-1, and Tables 3.9.2-1, 3.9.2-2, 3.9.5-1, and 3.9.5-2</p>	<p>There are no primary or secondary harbor seal haul-out sites within four miles of this site.</p>	<p>The WT educational sign, brochure, and website all advise boaters not to land at haul-out sites and to always stay at least 330' away from hauled-out harbor seals and at least 500' away from March to July when seals are pupping.</p>
<p>Biology – Other Species References: WT DREIR pp. 3-132 to 3-156, San Francisco Estuary Institute Salt Marsh Harvest Mouse Data</p>	<p>Habitat for salt marsh harvest mouse occurs throughout the nearby marshes.</p>	<p>Boaters are advised through the WT brochure and website to not disembark in any undesignated areas or trample sensitive habitats, including marshes. The WT educational sign emphasizes that boaters should not land in marshes or on levees.</p>
<p>Cultural Resources References: WT DREIR pp. 3-163</p>	<p>No WT-related construction is planned at this time. NMSB users are not allowed to land in adjacent wetland habitat, which would prevent potential disturbance of cultural artifacts.</p>	<p>The WT website includes information about avoiding disturbance to cultural artifacts.</p>

Resource Area	Impacts Analysis	Notes
Hydrology	No WT-related construction is planned at this time.	No hydrological changes would occur from existing conditions.
Transportation, Circulation, and Parking	The site has a large parking lot that can accommodate users.	Increased use by non-motorized small boat users is not expected to overwhelm parking or road capacity.





Antioch Marina & Big Break Regional Shoreline

