

San Francisco Bay Area Water Trail 2012 Survey



SAN FRANCISCO
BAY AREA
WATER
TRAIL

Galli Basson,
Water Trail Planner

Association of Bay Area
Governments



EXECUTIVE SUMMARY

The San Francisco Bay Area Water Trail (Water Trail) vision is a network of launch and landing sites that allow people in non-motorized small boats (NMSB) to safely enjoy the natural, historic, cultural, and scenic richness of San Francisco Bay through single and multiple-day trips on the Bay. This regional trail has the potential to enhance Bay Area communities' connections to the Bay and create new linkages to existing shoreline open spaces and other regional trails.

Water Trail implementation began in late 2011 and the Water Trail Program is interested in understanding more about the opinions and needs of NMSB users in the San Francisco Bay Area. The survey had two primary objectives: 1) Help inform decisions regarding the Water Trail Program; and 2) Conduct outreach to local boating groups.

The survey was created with Survey Monkey and the survey link was emailed to thirty-seven clubs, outfitters, or organizations that provide water-based recreation in the Bay Area. The survey was available from April 4 – April 27, 2012 and there were 523 responses.

The survey responses provided a number of insights regarding NMSB use in the San Francisco Bay area:

- Many NMSB users recreate with different types of watercraft, and many have multiple boat types that they use at different times
- People prefer to use sites that are located near their home
- Parking, restrooms, and safe launching facilities are very important features of launch sites
- People primarily enjoy using the Bay for outdoor enjoyment and recreation, feel passionately about the Bay, and are generally very supportive of the Water Trail Program

The Water Trail program will use these results to help develop different aspects of the Water Trail program such as the development of a grant program, a Water Trail accessibility plan, and site designations. Outreach efforts to local boating clubs will continue. Once the Water Trail program has a website, more Facebook followers, a larger stakeholder list, and more exposure, it would be valuable to conduct another survey. Continuing to engage with the community of NMSB users will help the Water Trail program better serve the needs of the human powered boating community.

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INTRODUCTION

San Francisco Bay Area Water Trail Background

The San Francisco Bay Area Water Trail (Water Trail) vision is a network of launch and landing sites that allow people in non-motorized small boats (NMSB) to safely enjoy the natural, historic, cultural, and scenic richness of San Francisco Bay through single and multiple-day trips on the Bay. This regional trail has the potential to enhance Bay Area communities' connections to the Bay and create new linkages to existing shoreline open spaces and other regional trails.

The Water Trail was created largely in part through the efforts of Bay Access Inc., a dedicated group of NMSB enthusiasts who recognized the need for and benefit of this unique regional trail. The California legislature established the Water Trail with the passage of the San Francisco Bay Area Water Trail Act (AB 1296, Hancock) on September 22, 2005. The Water Trail Act directed the San Francisco Bay Conservation and Development Commission (BCDC), in coordination with other agencies and organizations, to conduct a public planning process for the Water Trail. As a result of this effort, the San Francisco Bay Area Water Trail Plan was published on September 7, 2007. The California State Coastal Conservancy (Conservancy) led the environmental review of the Water Trail Plan under the California Environmental Quality Act and certified the Final Environmental Impact Report (FEIR) on March 17, 2011. Changes directed by the FEIR were incorporated into the Water Trail Plan and on March 17, 2011 the Conservancy adopted the Enhanced Water Trail Plan. The Water Trail Act directed the Coastal Conservancy to serve as the lead for implementation of the Water Trail.

The governance structure for the Water Trail Plan is a collaborative partnership between the Conservancy, which leads trail implementation, and Association of Bay Area Governments (ABAG), BCDC, and California Department of Boating and Waterways (Cal Boating). These four organizations make up the Project Management Team (PMT) and have decision-making authority. The Advisory Committee (AC) represents different stakeholder interests and provides guidance and expertise to the PMT on trail designation and other implementation issues. The Stakeholder Group is composed of all interested parties who are notified of trail meetings, projects, and issues.

Survey Background

Implementation of the Water Trail began in late 2011 and the PMT and Water Trail staff were interested in understanding more about the opinions and needs of boaters in the San Francisco Bay Area. Cal Boating has conducted periodic surveys of boat users state-wide, but we feel it is helpful to have more detailed insight of non-motorized small boat users around San Francisco Bay. The survey had two main objectives: 1) Help inform decisions regarding the Water Trail Program; and 2) Conduct outreach to local boating groups. The survey was developed by Galli Basson, Water Trail Planner, with input from the PMT.

Data Collection

The survey was created with Survey Monkey and the survey link was emailed to thirty-seven clubs or organizations that provide water-based recreation in the Bay Area. Most of these organizations were identified from the Water Trail FEIR which listed human-powered boating clubs in the Bay Area. Additional organizations that provide water-based recreation outings for persons with disabilities were also contacted. The survey was sent to Advisory Committee members (who were asked not to take the survey) to forward on

to anyone they knew might be interested. The survey was available from April 4 – April 26, 2012 and we received 523 responses.

Many of the questions include written responses. For the sake of brevity, the text responses are summarized in this report. The full text of the written responses is provided in Appendix A.

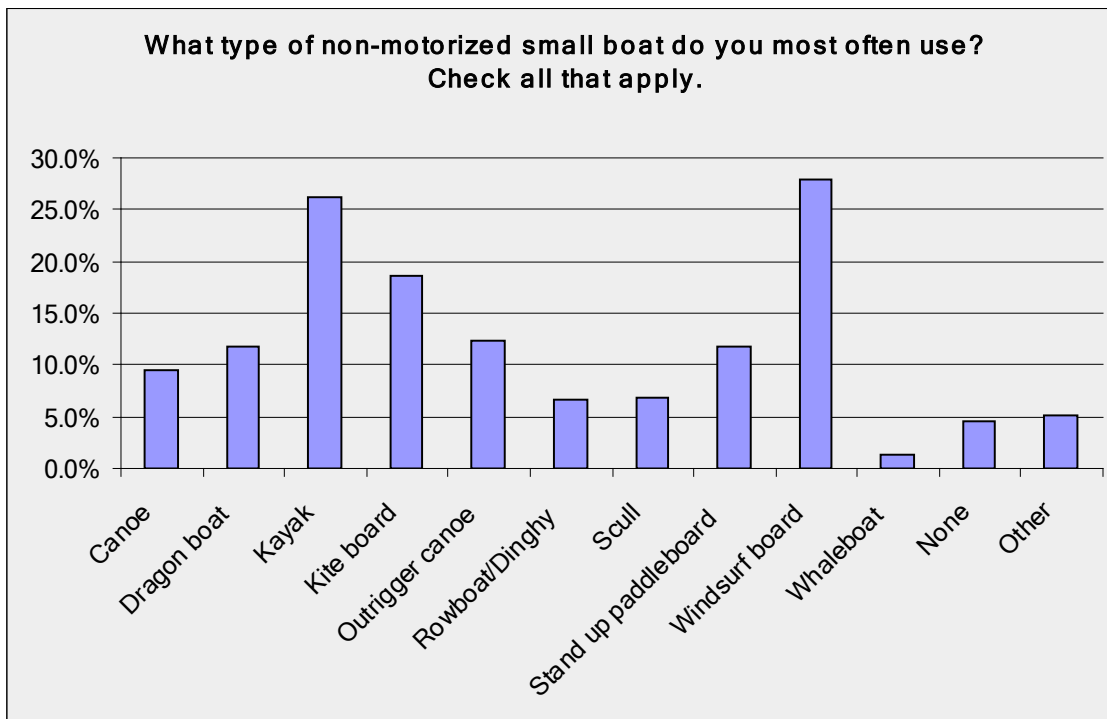
RESULTS

Question 1

We wanted to know what type of boats our audience uses. Many boaters use several different types of boats so this question allowed people to check all that apply. People that selected “None” were taken to the end of the survey. This is the only question respondents were required to answer.

What type of non-motorized small boat do you most often use? Check all that apply.

Answer Options	Response Percent	Response Count
Canoe	9.4%	49
Dragon boat	11.7%	61
Kayak	26.2%	137
Kite board	18.7%	98
Outrigger canoe	12.4%	65
Rowboat/Dinghy	6.7%	35
Scull	6.9%	36
Stand up paddleboard	11.7%	61
Windsurf board	27.9%	146
Whaleboat	1.3%	7
None	4.6%	24
Other	5.2%	27
Other (please specify)		34
<i>answered question</i>		523
<i>skipped question</i>		0



The majority of respondents are windsurfers and kayakers. There is a good representation of boat type users, with the fewest users of whaleboats. Many survey respondents chose multiple boat types, indicating that many people who recreate on the Bay do so with multiple crafts.

Questions 2 - 31

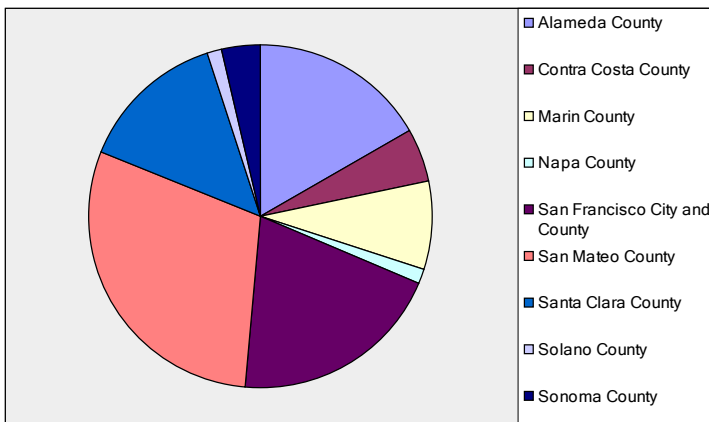
As the Water Trail Program develops, it would be useful to have an understanding of what sites are used most often. To do this, we asked respondents to choose from the nine-county Bay Area the county with the launch site they recreate in most often. The answer to this question automatically took the person to a page with all public launch sites listed for the county they selected. After they answered this question they were asked to choose a county for their second most used site and were automatically directed to that county to choose the their second most used launch site. This process was repeated for the third most used county and launch site. People could choose the same or different counties and sites in their response. The survey skipped the questions for the counties that were not selected.

These questions give the Water Trail program information on where survey responders are most often recreating. The survey choices included potential Water Trail sites that are planned or currently unavailable. To capture potential interest in planned or closed sites, the survey asked for the sites most often used, or those that would be used if available. Different boat types are best suited to different locations and the survey did not determine use of a location for a boat type because many people use two or more different types of boat.

Questions 2, 12, and 22

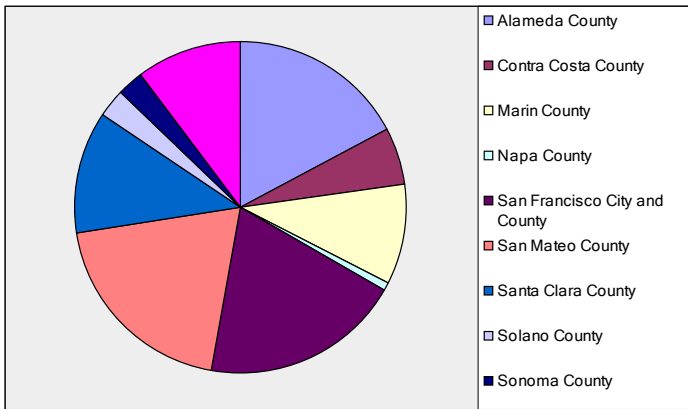
Launch sites are locations where you can access the Bay with your non-motorized small boat by driving or taking public transportation to the site.

Question 2 - In which county is the public launch site you use (or would use if it was available) most often?



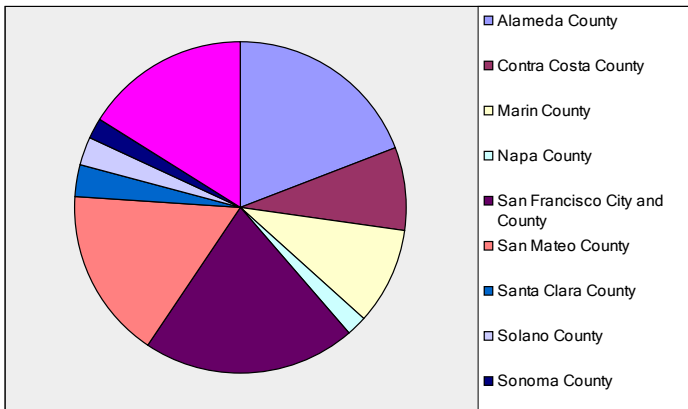
Answer Options	Response Percent	Response Count
Alameda County	16.8%	86
Contra Costa County	4.9%	25
Marin County	8.4%	43
Napa County	1.2%	6
San Francisco City and County	20.1%	103
San Mateo County	29.8%	153
Santa Clara County	14.0%	72
Solano County	1.4%	7
Sonoma County	3.5%	18
<i>answered question</i>		513
<i>skipped question</i>		10

Question 12 - In which county is the second most used public launch site you use (or would use if available)?



Answer Options	Response Percent	Response Count
Alameda County	17.2%	83
Contra Costa County	5.6%	27
Marin County	9.7%	47
Napa County	0.8%	4
San Francisco City and County	19.5%	94
San Mateo County	19.7%	95
Santa Clara County	12.0%	58
Solano County	2.9%	14
Sonoma County	2.3%	11
None - I only use, or would use, one site	10.4%	50
<i>answered question</i>		483
<i>skipped question</i>		40

Question 22 - In which county is the third most used public launch site you use (or would use if available)?



Answer Options	Response Percent	Response Count
Alameda County	19.1%	81
Contra Costa County	8.0%	34
Marin County	9.4%	40
Napa County	2.1%	9
San Francisco City and County	20.8%	88
San Mateo County	16.5%	70
Santa Clara County	3.3%	14
Solano County	2.6%	11
Sonoma County	2.1%	9
None - I only use, or would use, two sites	16.0%	68
<i>answered question</i>		424
<i>skipped question</i>		99

Respondents most often use, or would use, public sites in San Mateo County, followed by San Francisco City and County, and Alameda County. The same trend is true for the second most used public sites. In the third most used public launch site, San Francisco City and County was followed by Alameda County and San Mateo County. Many respondents noted that they only use, or would use, two sites, suggesting people tend to go to the same sites.

Questions 3, 13, and 23

Question 3 - Within Alameda County, which public launch site do you use most often (or would use if it was available)?

Answer Options	Response Percent	Response Count
Albany Beach	7.1%	6
Berkeley Marina	31.8%	27
Doolittle Drive	0.0%	0
Eden Landing	4.7%	4
Elmhurst Creek	0.0%	0
Emeryville City Marina	0.0%	0
Encinal Launching and Fishing Facility	2.4%	2
Grand Avenue Boat Ramp	4.7%	4
Jack London Aquatic Center	9.4%	8
Jack London Square (CA Canoe and Kayak)	1.2%	1
Jarvis Landing	3.5%	3
Middle Harbor Park	1.2%	1
Point Emery	5.9%	5
Robert Crown Memorial State Beach	8.2%	7
San Leandro Marina	7.1%	6
Tidewater Boating Center	1.2%	1
Other	11.8%	10
Other (please specify)		13
<i>answered question</i>		85

Question 13 - Within Alameda County, what is your second most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Albany Beach	4.8%	4
Berkeley Marina	26.5%	22
Doolittle Drive	0.0%	0
Eden Landing	6.0%	5
Elmhurst Creek	0.0%	0
Emeryville City Marina	0.0%	0
Encinal Launching and Fishing Facility	2.4%	2
Grand Avenue Boat Ramp	2.4%	2
Jack London Aquatic Center	12.0%	10
Jack London Square (CA Canoe and Kayak)	3.6%	3
Jarvis Landing	1.2%	1
Middle Harbor Park	0.0%	0
Point Emery	3.6%	3
Robert Crown Memorial State Beach	15.7%	13
San Leandro Marina	4.8%	4
Tidewater Boating Center	4.8%	4
Other	12.0%	10
Other (please specify)		13

Answer Options	Response Percent	Response Count
<i>answered question</i>		83

Question 23 - Within Alameda County, what is your third most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Albany Beach	6.1%	5
Berkeley Marina	25.6%	21
Doolittle Drive	0.0%	0
Eden Landing	4.9%	4
Elmhurst Creek	0.0%	0
Emeryville City Marina	6.1%	5
Encinal Launching and Fishing Facility	2.4%	2
Grand Avenue Boat Ramp	0.0%	0
Jack London Aquatic Center	7.3%	6
Jack London Square (CA Canoe and Kayak)	8.5%	7
Jarvis Landing	6.1%	5
Middle Harbor Park	0.0%	0
Point Emery	6.1%	5
Robert Crown Memorial State Beach	14.6%	12
San Leandro Marina	3.7%	3
Tidewater Boating Center	0.0%	0
Other	8.5%	7
Other (please specify)		8
<i>answered question</i>		82

Berkeley Marina was consistently the site that respondents in Alameda County selected as the first, second, and third most used site. Other popular sites include Jack London Aquatic Center and Robert Crown Memorial State Beach.

Questions 4, 14, and 24

Question 4 - Within Contra Costa County, which public launch site do you use most often (or would use if it was available)?

Answer Options	Response Percent	Response Count
Barbara and Jay Vincent Park	0.0%	0
Bay Point Regional Shoreline	4.3%	1
Big Break Regional Shoreline	8.7%	2
Boat Ramp Street Launch	0.0%	0
Eckley Pier	0.0%	0
Ferry Point	8.7%	2
Marina Bay Park	8.7%	2
Martinez Marina	26.1%	6
Pinole Bay Front Park	8.7%	2

Answer Options	Response Percent	Response Count
Point Isabel Regional Shoreline	21.7%	5
Point Molate Beach Park	0.0%	0
Richmond Municipal Marina	0.0%	0
Rodeo Beach	8.7%	2
Rodeo Marina	0.0%	0
Shimada Friendship Park	0.0%	0
Other	4.3%	1
Other (please specify)		3
<i>answered question</i>		23

Question 14 - Within Contra Costa County, what is your second most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Barbara and Jay Vincent Park	0.0%	0
Bay Point Regional Shoreline	0.0%	0
Big Break Regional Shoreline	0.0%	0
Boat Ramp Street Launch	0.0%	0
Eckley Pier	0.0%	0
Ferry Point	0.0%	0
Marina Bay Park	8.0%	2
Martinez Marina	8.0%	2
Pinole Bay Front Park	0.0%	0
Point Isabel Regional Shoreline	36.0%	9
Point Molate Beach Park	0.0%	0
Richmond Municipal Marina	12.0%	3
Rodeo Beach	0.0%	0
Rodeo Marina	0.0%	0
Shimada Friendship Park	8.0%	2
Other	28.0%	7
Other (please specify)		9
<i>answered question</i>		25

Question 24 - Within Contra Costa County, what is your third most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Barbara and Jay Vincent Park	5.7%	2
Bay Point Regional Shoreline	2.9%	1
Big Break Regional Shoreline	8.6%	3
Boat Ramp Street Launch	2.9%	1
Eckley Pier	0.0%	0
Ferry Point	2.9%	1
Marina Bay Park	8.6%	3
Martinez Marina	11.4%	4

Answer Options	Response Percent	Response Count
Pinole Bay Front Park	2.9%	1
Point Isabel Regional Shoreline	28.6%	10
Point Molate Beach Park	0.0%	0
Richmond Municipal Marina	5.7%	2
Rodeo Beach	2.9%	1
Rodeo Marina	0.0%	0
Shimada Friendship Park	2.9%	1
Other	14.3%	5
Other (please specify)		7
<i>answered question</i>		35

Respondents chose Martinez Marina and Point Isabel Regional Shoreline as sites they most often used. Point Isabel Regional Shoreline was chosen as the second and third site most often used. There are relatively fewer respondents for Contra Costa County which makes the results for the other sites harder to interpret, but it appears that Big Break, Rodeo Beach, and the Richmond Municipal Marina are also popular sites.

Questions 5, 15, and 25

Question 5 - Within Marin County, which public launch site do you use most often (or would use if it was available)?

Answer Options	Response Percent	Response Count
Bayfront Park	0.0%	0
Black Point Boat Launch	5.0%	2
Bon Aire Landing	0.0%	0
Brickyard Park	2.5%	1
Buck's Landing	0.0%	0
Bull Head Flat	0.0%	0
China Camp State Park	15.0%	6
Clipper Yacht Harbor	0.0%	0
Dunphy Park	2.5%	1
Higgin's Dock	0.0%	0
Horseshoe Cove	25.0%	10
Jean and John Starkweather Shoreline Park	0.0%	0
John F. McInnis Park	5.0%	2
Loch Lomond Marina	7.5%	3
Marin Rowing Association Boathouse	5.0%	2
McNear's Beach	0.0%	0
Ramillard Park	0.0%	0
Richardson Bay Park (Blackie's Pasture)	0.0%	0
San Quentin	10.0%	4
Schoonmaker Point	5.0%	2
Shelter Point Business Park	2.5%	1
Turney Street Boat Ramp	0.0%	0
Other	15.0%	6
Other (please specify)		9
<i>answered question</i>		40

Question 15 - Within Marin County, what is your second most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Bayfront Park	0.0%	0
Black Point Boat Launch	8.5%	4
Bon Aire Landing	2.1%	1
Brickyard Park	4.3%	2
Buck's Landing	0.0%	0
Bull Head Flat	0.0%	0
China Camp State Park	10.6%	5
Clipper Yacht Harbor	0.0%	0
Dunphy Park	2.1%	1
Higgin's Dock	0.0%	0
Horseshoe Cove	29.8%	14
Jean & John Starkweather Shoreline Park	2.1%	1
John F. McInnis Park	0.0%	0
Loch Lomond Marina	0.0%	0
Marin Rowing Association Boathouse	2.1%	1
McNear's Beach	4.3%	2
Ramillard Park	0.0%	0
Richardson Bay Park (Blackie's Pasture)	4.3%	2
San Quentin	6.4%	3
Schoonmaker Point	12.8%	6
Shelter Point Business Park	0.0%	0
Turney Street Boat Ramp	0.0%	0
Other	10.6%	5
Other (please specify)		8
<i>answered question</i>		47

Question 25 - Within Marin County, what is your third most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Bayfront Park	0.0%	0
Black Point Boat Launch	7.3%	3
Bon Aire Landing	0.0%	0
Brickyard Park	0.0%	0
Buck's Landing	9.8%	4
Bull Head Flat	2.4%	1
China Camp State Park	14.6%	6
Clipper Yacht Harbor	2.4%	1
Dunphy Park	7.3%	3
Higgin's Dock	0.0%	0
Horseshoe Cove	7.3%	3
Jean & John Starkweather Shoreline Park	0.0%	0
John F. McInnis Park	2.4%	1

Answer Options	Response Percent	Response Count
Loch Lomond Marina	12.2%	5
Marin Rowing Association Boathouse	2.4%	1
McNear's Beach	0.0%	0
Ramillard Park	2.4%	1
Richardson Bay Park (Blackie's Pasture)	7.3%	3
San Quentin	7.3%	3
Schoonmaker Point	4.9%	2
Shelter Point Business Park	0.0%	0
Turney Street Boat Ramp	2.4%	1
Other	7.3%	3
Other (please specify)		7
<i>answered question</i>		41

Horseshoe Cove was a popular site and was chosen as the first and second launch site most often used. Other popular sites chosen were China Camp State Park, San Quentin, Schoonmaker Point, and Loch Lomond Marina.

Questions 6, 16, and 26

Question 6 – Within Napa County, which public launch site do you use most often (or would use if it was available)?

Answer Options	Response Percent	Response Count
Cutting's Wharf	16.7%	1
Downtown Napa	50.0%	3
Green Island	0.0%	0
JFK Memorial Park	16.7%	1
Napa Valley Marina	0.0%	0
Riverside Drive	0.0%	0
Trancas Street	16.7%	1
Other	0.0%	0
Other (please specify)		0
<i>answered question</i>		6

Question 16 - Within Napa County, what is your second most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Cutting's Wharf	14.3%	1
Downtown Napa	42.9%	3
Green Island	14.3%	1
JFK Memorial Park	0.0%	0
Napa Valley Marina	0.0%	0
Riverside Drive	28.6%	2
Trancas Street	0.0%	0

Answer Options	Response Percent	Response Count
Other	0.0%	0
Other (please specify)		0
<i>answered question</i>		7

Question 26 - Within Napa County, what is your third most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Cutting's Wharf	44.4%	4
Downtown Napa	22.2%	2
Green Island	22.2%	2
JFK Memorial Park	0.0%	0
Napa Valley Marina	0.0%	0
Riverside Drive	0.0%	0
Trancas Street	0.0%	0
Other	11.1%	1
Other (please specify)		1
<i>answered question</i>		9

Napa County had the lowest number of respondents of all the counties. The survey does show that respondents would be interested in Downtown Napa as a launch site if it was built (it is currently not a launch site), and that Cutting's Wharf is relatively popular.

Questions 7, 17, and 27

Question 7 – Within San Francisco City and County, which public launch site do you use most often (or would use if it was available)?

Answer Options	Response Percent	Response Count
Aquatic Park	4.4%	4
Brannan Street Wharf	1.1%	1
Candlestick Point	8.8%	8
Crissy Field	33.0%	30
India Basin Shoreline Park	1.1%	1
Islais Creek	0.0%	0
Marina Green	2.2%	2
Mission Creek	2.2%	2
Northeast Wharf Park	0.0%	0
Pier 52 Boat Launch	5.5%	5
South Beach Harbor (Pier 40)	1.1%	1
Treasure Island	15.4%	14
Other	25.3%	23
Other (please specify)		29
<i>answered question</i>		91

Question 17 - Within San Francisco City and County, what is your second most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Aquatic Park	3.2%	3
Brannan Street Wharf	0.0%	0
Candlestick Point	8.5%	8
Crissy Field	44.7%	42
India Basin Shoreline Park	1.1%	1
Islais Creek	0.0%	0
Marina Green	3.2%	3
Mission Creek	1.1%	1
Northeast Wharf Park	0.0%	0
Pier 52 Boat Launch	1.1%	1
South Beach Harbor (Pier 40)	0.0%	0
Treasure Island	30.9%	29
Other	6.4%	6
Other (please specify)		8
<i>answered question</i>		94

Question 27 - Within San Francisco City and County, what is your third most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Aquatic Park	5.5%	5
Brannan Street Wharf	0.0%	0
Candlestick Point	13.2%	12
Crissy Field	41.8%	38
India Basin Shoreline Park	0.0%	0
Islais Creek	1.1%	1
Marina Green	3.3%	3
Mission Creek	2.2%	2
Northeast Wharf Park	0.0%	0
Pier 52 Boat Launch	2.2%	2
South Beach Harbor (Pier 40)	1.1%	1
Treasure Island	25.3%	23
Other	4.4%	4
Other (please specify)		3
<i>answered question</i>		91

Survey respondents chose Crissy Field as the first, second, and third most often used launch site. Treasure Island was also a popular choice highlighting the importance of making improvements to access at this site. The large number of respondents that chose “Other” as their first choice had written Lake Merced as their launch site. Lake Merced is not a potential Water Trail site. Candlestick Point was also a popular site, although much less than Crissy Field and Treasure Island.

Questions 8, 18, and 28

Question 8 – Within San Mateo County, which public launch site do you use most often (or would use if it was available)?

Answer Options	Response Percent	Response Count
Beaches on the Bay	2.0%	3
Brisbane Marina	0.0%	0
Colma Creek (Genentech)	2.6%	4
Coyote Point	11.3%	17
Docktown Marina	1.3%	2
East 3rd Ave	47.0%	71
Old Bayshore Highway	1.3%	2
Oyster Point Marina	1.3%	2
Ravenswood (near Dumbarton Bridge)	2.6%	4
Redwood City Marina	19.9%	30
Seal Point Park	0.7%	1
Westpoint Marina	0.7%	1
Other	9.3%	14
Other (please specify)		21
<i>answered question</i>		151

Question 18 - Within San Mateo County, what is your second most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Beaches on the Bay	4.0%	4
Brisbane Marina	0.0%	0
Colma Creek (Genentech)	3.0%	3
Coyote Point	26.3%	26
Docktown Marina	1.0%	1
East 3rd Ave	20.2%	20
Old Bayshore Highway	2.0%	2
Oyster Point Marina	5.1%	5
Ravenswood (near Dumbarton Bridge)	5.1%	5
Redwood City Marina	24.2%	24
Seal Point Park	1.0%	1
Westpoint Marina	1.0%	1
Other	7.1%	7
Other (please specify)		8
<i>answered question</i>		99

Question 28 - Within San Mateo County, what is your third most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Beaches on the Bay	2.7%	2
Brisbane Marina	0.0%	0
Colma Creek (Genentech)	4.1%	3
Coyote Point	21.9%	16
Docktown Marina	0.0%	0
East 3rd Ave	20.5%	15
Old Bayshore Highway	1.4%	1
Oyster Point Marina	4.1%	3
Ravenswood (near Dumbarton Bridge)	20.5%	15
Redwood City Marina	17.8%	13
Seal Point Park	0.0%	0
Westpoint Marina	1.4%	1
Other	5.5%	4
Other (please specify)		4
<i>answered question</i>		73

A large number of respondents consistently use East Third Ave., Coyote Point, and Redwood City Marina. Ravenswood is a launch site that respondents use as a third choice.

Questions 9, 19, and 29

Question 9 – Within Santa Clara County, which public launch site do you use most often (or would use if it was available)?

Answer Options	Response Percent	Response Count
Alviso Marina	64.1%	50
Palo Alto Baylands	20.5%	16
Other	15.4%	12
Other (please specify)		14
<i>answered question</i>		78

Question 19 - Within Santa Clara County, what is your second most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Alviso Marina	28.8%	17
Palo Alto Baylands	57.6%	34
Other	13.6%	8
Other (please specify)		9
<i>answered question</i>		59

Question 19 - Within Santa Clara County, what is your third most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Alviso Marina	33.3%	5
Palo Alto Baylands	60.0%	9
Other	6.7%	1
Other (please specify)		1
<i>answered question</i>		15

Although Santa Clara County only had two sites, there were a high number of respondents who chose Santa Clara County as the county with launch sites that they use often. Both Alviso Marina and Palo Alto Baylands are popular sites. Results indicate that more access in the South Bay is needed.

Questions 10, 20, and 30

Question 10 – Within Solano County, which public launch site do you use most often (or would use if it was available)?

Answer Options	Response Percent	Response Count
Beldon's Landing	0.0%	0
Benicia Marina	0.0%	0
Benicia Point Pier	0.0%	0
Brinkman's Marina	0.0%	0
California Maritime Academy	0.0%	0
Matthew Turner Park	16.7%	1
Suisun City Marina	0.0%	0
West 9th Street	66.7%	4
Other	16.7%	1
Other (please specify)		2
<i>answered question</i>		6

Question 20 - Within Solano County, what is your second most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Beldon's Landing	10.5%	2
Benicia Marina	5.3%	1
Benicia Point Pier	5.3%	1
Brinkman's Marina	0.0%	0
California Maritime Academy	0.0%	0
Matthew Turner Park	0.0%	0
Suisun City Marina	10.5%	2
West 9th Street	21.1%	4
Other	47.4%	9
Other (please specify)		13

Answer Options	Response Percent	Response Count
<i>answered question</i>		19

Question 30 - Within Solano County, what is your third most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Beldon's Landing	0.0%	0
Benicia Marina	11.1%	1
Benicia Point Pier	11.1%	1
Brinkman's Marina	11.1%	1
California Maritime Academy	0.0%	0
Matthew Turner Park	0.0%	0
Suisun City Marina	0.0%	0
West 9th Street	22.2%	2
Other	44.4%	4
Other (please specify)		6
<i>answered question</i>		9

Solano County did not have many respondents, but West 9th Street was chosen as the site most often used. In both the second and third choices “Other” received the most responses, and Sherman Island was the most common response. Sherman Island, located on the Sacramento River, is not a potential Water Trail site. Inclusion into the Water Trail network can be explored by Water Trail staff in the future.

Questions 11, 21, and 31

Question 10 – Within Sonoma County, which public launch site do you use most often (or would use if it was available)?

Answer Options	Response Percent	Response Count
Hudeman Slough	0.0%	0
Papa's Taverna/Lakeville Marina	5.6%	1
Petaluma Marina	16.7%	3
Petaluma River Turning Basin	38.9%	7
Other	38.9%	7
Other (please specify)		9
<i>answered question</i>		18

Question 21 - Within Sonoma County, what is your second most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Hudeman Slough	9.1%	1
Papa's Taverna/Lakeville Marina	9.1%	1
Petaluma Marina	27.3%	3

Answer Options	Response Percent	Response Count
Petaluma River Turning Basin	18.2%	2
Other	36.4%	4
Other (please specify)		6
<i>answered question</i>		11

Question 31 - Within Sonoma County, what is your third most often used (or you would use if available) public launch site?

Answer Options	Response Percent	Response Count
Hudeman Slough	12.5%	1
Papa's Taverna/Lakeville Marina	50.0%	4
Petaluma Marina	12.5%	1
Petaluma River Turning Basin	25.0%	2
Other	0.0%	0
Other (please specify)		0
<i>answered question</i>		8

Sonoma County also had a low number of respondents. Petaluma River Turning Basin and “Other” were chosen as the most often used sites. “Other” was chosen as the second most often used site, and Papa’s Taverna/Lakeville Marina was chosen as the third most used site. The sites listed under “Other” were not consistent and should be explored by Water Trail staff for their potential for inclusion into the Water Trail network.

Question 32 - "Destination Sites" are sites that you can only arrive at by boat, as opposed to driving and launching from the site. What destination site have you been to by non-motorized small boat? Check all that apply.

Answer Options	Response Percent	Response Count
Angel Island State Park	36.0%	163
Corkscrew Slough	19.4%	88
Downtown Napa	5.5%	25
Harbor 15 Restaurant	1.1%	5
Hayward's Landing	1.5%	7
Keller's Beach	2.6%	12
Kirby Cove	14.1%	64
Pier 1.5	5.7%	26
Point Pinole	6.8%	31
Sam's Anchor Café	9.9%	45
SS Red Oak Victory	7.3%	33
Swede's Beach	0.9%	4
The Ramp	9.3%	42
None of these	47.2%	214
Other (please specify)		53
<i>answered question</i>		453

This question was slightly different because it asked which sites the respondent had been to, not which site they use or would like to use. They were also able to check all that apply. Most of the respondents had not been to any of the sites. The site most visited was Angel Island State Park, followed by Corkscrew Slough and Kirby Cove. The responses for other were various, but many people mentioned hunting blinds or Brooks Island.

Question 33 - Of all the launch sites in the Bay, what is your favorite site and why (regardless of how often you use the site)?

This question was not about frequency of use, but more about the experience and what makes a site special to the user. East Third Ave., Crissy Field, Horseshoe Cove, Alviso, Coyote Point, Berkeley (marina and His Lordships), Redwood City, Alameda Crown Beach, and Bair Island Aquatic Center were listed the most frequently. Windsurfers and kiteboarders have fewer sites on the Bay that provide them with the right conditions, so it makes sense that many of the favorite sites chosen are sites suitable for these sports.

Many respondents that did not have a favorite had a hard time choosing, or liked certain features as opposed to specific sites. One kayaker summed it up nicely, “the one that gets my kayak in the water”.

Answers Options	Response Percent	Response Count
3rd Ave.	13.4%	52
9th Street	0.8%	3
Alameda Crown Beach	2.8%	11
Albany Beach	1.0%	4
Alviso Marina	7.5%	29
Angel Island	1.0%	4
Aquatic Park	0.3%	1
Bair Island Aquatic Center	2.8%	11
Berkeley	4.4%	17
Big Break	0.5%	2
Candlestick Pt.	1.8%	7
China Camp	0.8%	3
Coyote Pt.	4.9%	19
Crissy Field	12.4%	48
Dunphy Park	0.5%	2
Eden Landing	0.3%	1
Emeryville Marina	0.3%	1
Encinal Park	0.3%	1
Foundry Wharf	0.3%	1
Ft Baker/HS Cove	7.7%	30
Grant Street	0.5%	2
Hearts Desire	0.3%	1
Hyde St. Pier	0.3%	1
Jack London	1.5%	6
Jarvis Landing	0.5%	2
John McInnis	0.3%	1
Kennedy Park	0.3%	1
Lake Merced	1.3%	5
Larkspur Marsh	0.3%	1
Loch Lomond	0.8%	3

Answers Options	Response Percent	Response Count
Marin	0.3%	1
Marina Bay	0.3%	1
Martinez	0.8%	3
Napa	0.3%	1
No Favorite	6.2%	24
North Bay Rowing Club	0.8%	3
Oyster Point	0.5%	2
Palo Alto Baylands	1.8%	7
Petaluma	1.0%	4
Petaluma Marina	0.3%	1
Pier 52	0.3%	1
Pt Pinole	0.3%	1
Pt. Isabel	1.0%	4
Ravenswood	0.3%	1
Redwood City	4.1%	16
Richmond	0.8%	3
Riverside Drive	0.3%	1
San Leandro	0.8%	3
San Quentin	0.5%	2
Schoonmaker Point	1.0%	4
Sherman Island	2.1%	8
Shimano Park	0.3%	1
Sonoma Port	0.3%	1
South Bay	1.3%	5
South Beach	0.3%	1
Tiburon	0.3%	1
Tidewater	0.5%	2
Tomaes Bay	0.3%	1
Trancas	0.3%	1
Treasure Island	5.9%	23
Turner Park	0.3%	1
Turney Street	0.3%	1
<i>answered question</i>		388

There were common themes for the reason sites were chosen as a favorite site. The proximity of the location to home or work was very important for many people. Maintained facilities, such as parking, docks, and restrooms are important. Bay conditions (whether it is windy or calm, depending on what you are looking for), scenery, and destination choices were also important. The comments for several of the sites are summarized below:

East Third Ave. was most often chosen as a favorite spot. Users said they liked the convenience of the location (near home or work), wind and swell conditions, and the community of boardsailors.

- “world class wind conditions for kiteboarding”
- “The swell in the channel is the best!”

Crissy Field was a favorite for its ease of launch, amenities (showers, grass rigging area), parking, beauty and views, location, consistent wind, social atmosphere, and challenging conditions.

- “known for world class kitesurfing and is the home beach of the world’s top 3 fastest course racers”
- “because the views are amazing, the risk of heading outside the golden gate adds to the adrenaline level, and the public loves to watch us kiteboarding - I get to pretend I’m way cooler than I really am”
- “Crissy Field is one of the most scenic areas in the world, blessed by wind and currents that make it a beautiful and challenging location for kitesurfing, windsurfing and many other watercraft”
- “World class windsurfing and kiting spot in the middle of the greatest city on earth. Jaw droppingly beautiful scenery”

Horseshoe Cove (Ft. Baker) also has many fans. Respondents like the diversity of conditions, experiences, and destinations you could reach from this location. The views and scenery were also well liked. Boaters like the proximity to the Presidio Yacht Club for food and drinks after paddling.

- “you can go right, left or straight and have 3 completely different types of water experiences including heading out the gate and into mama ocean swells”
- “it is just such a beautiful spot affording perfect access to one of the world’s most renowned paddling destinations, the Golden Gate”

Alviso Marina is popular with waterfowl hunters. Many respondents also like how close Alviso is to their home, the access provided to South Bay sloughs, nice facilities and amenities, and that it is not crowded.

Coyote Point is also popular with windsurfers. Boaters like the facilities (parking and other amenities), wind and waves.

Treasure Island is also popular as a favorite spot. Users like the wind and swell conditions, water quality, and that it is out of the way of large tankers. They also like the beautiful vistas and exciting conditions.

- “It has the most consistent wind in the summer. When other places have little or no wind, TI is cranking. The reduced access that we have had to TI since the Navy started the remediation process has made access significantly more difficult and restoring that would be a dream”

Berkeley Marina and His Lordships are also favorite locations for many users. These sites were grouped because the answers made it difficult to distinguish the exact launch people were referring to. Many people like the favorable wind and water conditions, how close it is to their home, and the fun atmosphere.

- “Close to the windline when windy and close to home. No freeway travel required. Last year I was there at least 75 days during spring, summer and fall”

Redwood City Marina was also popular due to its location (close to home), safe conditions, easy access and good facilities.

- “Can launch on any tide level without concern for current or running out of water. Protected so wind concerns minimal, but you can still get out to the larger Bay for longer paddles. Restrooms and low docks make it easy. Enough small boaters around for help if ever were needed. Minimal issues with

too many/too fast motor boats. Can take novices/beginners there to give them a good feel for kayaking, and in a low risk environment.”

Question 34 - The Water Trail is drafting a plan to ensure the program is accessible to persons with disabilities and is interested in learning what types of features are important to persons with disabilities at launch or destination sites. Do you have a physical disability or do you participate (as a family member, friend, or volunteer) in water-based recreation for persons with disabilities?

The Water Trail program is interested in knowing what types of features are important to persons with disabilities. People who participate in water-based recreation with persons with disabilities are also knowledgeable and can provide insightful feedback on the type of features important for persons with disabilities.

Answer Options	Response Percent	Response Count
Yes	11.4%	53
No	88.6%	412
<i>answered question</i>		465

Question 35 - What features, amenities, or improvements are important for persons with disabilities at launch or destination sites?

Only respondents that answered yes to Question 34 were taken to Question 35. In general, people indicated they want wheelchair accessibility parking, restrooms, and docks. Ease of access is important. All responses are listed below.

Responses
Path to launch hard enough for wheel chair wheels
Hard surface for the wheel chair - not sand, mud or gravel, place to cable lock the wheel chair on to while paddling, handicap parking
A ramp of some kind for easy access to the boat
I have taken people from a wheelchair into a canoe and launched, requiring a smooth ramp that is capable of sliding a loaded canoe into the water and return.
Easy access to launch.
Ease of entry/exit for kayaks and or rowboats.
Easy access to drive/park and easy access to enter the water
Wheelchair accessible restrooms, parking, dock access
Bathrooms
Wheelchair participants need a good path to launch sites, as well as fairly gentle slope at launch ramp, where they can be assisted into kayaks or rafting. E.T.C. at Fort Mason is expert in this field, with many volunteers.
Water entrance/exit ramps that are wide and safe for all bay users to access water safely
Easy access to launch, for an 83 year Hunter,-- going through the process- is THE passion!
Larger dock areas, more handrail, non-slip surfaces.
Adequate handicap parking stalls.
Parking
Having parking and amenities at the launch site (like Crissy Field) allows my wife (disabled) to come to the

Responses
beach and enjoy the launch.
Ramps and easy dock access
Small boat docks with ramps enable wheelchair-bound athletes to board canoes and other small boats. Our club has numerous para-athletes that train with us (some without use of one or both legs.)
Parking; wheelchair access to a dock; boarding accessibility to a boat stopped at a dock.
Wheel chair access
1) Wheelchair access 2) Motorized or hand-crank lift for getting in and out of a boat
Improved Berkeley marina launch
A community of users is important, whether disabled or not.
Docks with adequate room and proper water-vessel height match, bathroom facilities, restaurant is nice
Duck hunting blinds!
Ability to step into the boat where boat is secure from floating away while making the attempt to get in. My friend cannot bend easily and has very limited lower extremity range of motion. Cannot respond to any boat movement quickly without risk of injury.
Ease of entry and exit
Hand Rails on the docks
Easy and safe access to water
Ample parking near launch, access to shallow beach better launch than ramp
Accessibility and access help
Logical and obvious wheelchair access. Docks in good condition, no gaps, breaks (a problem at JLAC)
A wheelchair-accessible dock. The dock should not be too high above the water.
Ease of access, close parking to launch site, low dock for getting into the boat
Close proximity of parking to water, and kayak friendly facilities- low docks or protected sand beaches.
Smooth path to water and potty
Easy close access to launch and sandy smooth graded beach
No steep ramps.
1. Clean, safe and well monitored wheelchair accessible public toilets. 2, A place to rest or watch, which has a good view of the boaters & water, with both sun and shade.
Accessible restrooms and easy launch sites.
accessible piers, easy access from parking area
bathrooms, easy launch, safety
1. Easy parking near launch. 2. Easy access to launch from parking. 3. Good signage for parking and launch. 4. Good website information about launch access for people with disability.
Near to water level floating dock section for sideways transfer
A simple shallow beach to launch from. Docks are not really helpful
Beach with a very gentle slope to be able to assist the disabled into kayaks.
Accessible restrooms.
My son has low vision, but still paddles well. I don't know of any special amenities that would help him.
ALL publicly-available boat launch areas have accessible facilities and ramps, and have any rental/maintenance staff trained to assist persons with disabilities in any "reasonable accommodations".
Accessible by public transportation
Up to date kayak and canoe launch with accessible ramp throughout complex of launch

Responses

Accessible parking, gangways, boat docks, boat storage and if possible, accessible bathrooms.

Question 36 - If you could make improvements to launch or destination sites, what would those improvements be? Please include the site name and the improvement you would make.

The Water Trail Program is interested in specific improvements to Water Trail sites around the Bay to improve access. We wanted to hear from the users of the sites about what improvements they would like to see since their viewpoints are very insightful. Users could answer this question up to three times.

First Answer		Second Answer		Third Answer	
Response Count	Answer	Response Count	Answer	Response Count	Answer
1	5th St. Dock	1	1st St., Benicia	2	Albany Bulb/Beach
1	9th St. Pier	4	Albany Bulb/Beach	1	Alviso Marina and Vicinity
6	Albany Bulb/Beach	5	Alviso Marina and Vicinity	1	Angel Island
9	Alviso Marina and Vicinity	1	Angel Island	1	Baypoint
1	Angel Island	1	Ashby Beach	1	Benicia State Park
1	Aquatic park	2	Bair Island Aquatic Club	6	Berkeley Marina/His Lordships
7	Bair Island Aquatic Club	1	Bay Beaches	1	Brickyard
1	Baypoint	1	Benicia Marina	1	Buck's Landing
17	Berkeley Marina/His Lordships	13	Berkeley Marina/His Lordships	4	Candlestick Park
1	Big Break	1	Black Point	1	Colma Creek
1	Black Point	1	Blackie's Pasture	1	Cooley Landing
1	Black Point	1	Buchli Station	3	Coyote Point
1	Brickyard	6	Candlestick Park	2	Crissy Field
9	Candlestick Park	1	China Camp	2	Crown Beach
1	China Camp	1	Colma Creek	1	Don Edwards NWR/ South Bay
4	Colma Creek	3	Colma Creek	1	Downtown Napa
3	Cooley Landing	1	Cooley Landing	20	East Third Ave.
2	Coyote Creek	1	Corte Madera Marsh	1	Eden Landing
16	Coyote Point	1	Cowells Landing	4	Embassy Suites (Burlingame)
6	Crissy Field	1	Coyote Creek	2	Encinal Ramp
2	Crown Beach	8	Coyote Point	1	Green Island
1	Dillon Beach	5	Crissy Field	1	Horseshoe Cove (Fort Baker)
2	Dixon Landing	3	Crown Beach	1	Jack London Aquatic Center
2	Downtown Napa	1	Cuttings Wharf	1	Lake Merced
1	Dumbarton Pier	3	Downtown Napa	1	Larkspur Landing
1	Dunphy Park	2	Dunphy Park	1	Mare Island

First Answer		Second Answer		Third Answer	
Response Count	Answer	Response Count	Answer	Response Count	Answer
53	East Third Ave.	27	East Third Ave.	1	Marlin Ave.
2	Eden Landing	1	Eden Landing	1	Newark Slough
1	Embassy Suites (Burlingame)	1	Emeryville	1	Oyster Point
4	Encinal Ramp	1	Encinal Ramp	2	Palo Alto Baylands
1	Glen Cove Waterfront Park	1	Glen Cove Waterfront Park	1	Papa's Taverna
1	Grand St	1	Hayward's Landing	2	Point Emery
12	Horseshoe Cove (Fort Baker)	4	Horseshoe Cove (Fort Baker)	1	Point Emery
3	Islais Creek	1	Islais Creek	3	Point Isabel
2	Jack London Aquatic Center	4	Jack London Aquatic Center	2	Point Pinole
1	Jailhouse Beach	3	Jarvis Landing	1	Pond A4
5	Jarvis Landing	1	Kennedy Park	1	Port Costa
13	Lake Merced	2	Lake Merced	1	Ravenswood/ West Dumbarton Bridge
2	Larkspur Landing	1	Larkspur Landing	1	Redwood City
1	Loch Lomond	1	Marina Bay	1	Redwood City
1	Lone Tree	2	Old Bayshore Highway	1	Rio vista (Windy Cove)
1	Marine Science Institute	1	Oyster Point	1	Riverside Dr.
2	Martinez Marina	1	Pacheco Slough	1	Riverview Park
1	Matthew Turner Park	9	Palo Alto Baylands	1	Rodeo Beach
1	North San Francisco	3	Papa's Taverna	1	Sam's Tiburon
1	NW Alameda Island	2	Petaluma Marina	1	San Francisco Marina
1	Oyster Point	2	Petaluma River Turning Basin	1	San Leandro Marina
4	Palo Alto Baylands	1	Pier 1.5	3	Sausalito
2	Petaluma Marina	1	Pier 52	3	Sherman Island
6	Petaluma River Turning Basin	1	Point Emery	1	Stevens Creek (Mt. View)
1	Point Emery	2	Point Emery	1	Tiburon
2	Point Emery	10	Point Isabel	13	Treasure Island
8	Point Isabel	1	Point Pinole	Total Responses 109	
1	Port of Sonoma	1	Ravenswood/ West Dumbarton Bridge		
4	Ravenswood/ West Dumbarton Bridge	6	Redwood City		
1	Red Oak Victory	1	Richmond		
6	Redwood City	1	Roberts Landing		
1	Riverside Dr.	1	Sam Quentin		
2	Riverview Park	1	San Carlos		
2	Sam Quentin	1	San Leandro		

First Answer		Second Answer		Third Answer	
Response Count	Answer	Response Count	Answer	Response Count	Answer
			Marina		
4	San Leandro Marina	2	Sausalito		
2	Sausalito	4	Sherman Island		
1	Sherman Island	1	Tiburon		
1	Shimano Park	21	Treasure Island		
1	Shorebird	1	Waddell Beach		
1	Trancas	Total Responses 195			
26	Treasure Island				
1	Turney Street Boat Ramp				
1	Vallejo Municipal Marina				
1	Vincent Park				
1	Westpoint				
Total Responses 287					
<i>answered question 306</i>					

The responses show there is a lot of interest in making improvements to the East Third Ave. site as it consistently ranked first among all three responses. Treasure Island was another boardsailing site where the responses indicated a lot of interest in making improvements. There were many different sites listed, and these varied in character and were scattered throughout the Bay. The responses for improvements to all the sites generally included adding amenities or opening access in key areas such as Treasure Island or the South Bay. The amenity improvements included cleaning up run-down sites, fixing docks, adding/opening/cleaning bathrooms, enhancing parking (adding parking, increasing the hours, adding security), adding showers, rigging areas for equipment, making sites accessible for persons with disabilities, removing hazards around launch areas, and adding low float docks. The site specific information about amenities is helpful information for Water Trail staff to refer to during the site designation process. This question illustrates the need for the San Francisco Bay Area Water Trail as there were many different sites and repairs listed here.

Question 37 - Please rank how important trailhead site amenities are to you.

Answer Options	Very Important	Important	Somewhat Important	Not Important	Response Count
Boat drop off next to the boat launch or dock	166 (40.1%)	84 (20.3%)	55 (13.3%)	109 (26.3%)	414
Boat storage	53 (13.2%)	42 (10.5%)	48 (12.0%)	258 (64.3%)	401
Boat washing facilities	86 (21.2%)	73 (18.0%)	116 (28.6%)	131 (32.3%)	406
Camping	30 (7.5%)	67 (16.8%)	93 (23.3%)	209 (52.4%)	399
Drinking water	130 (30.8%)	132 (31.3%)	96 (22.7%)	64 (15.2%)	422
Extended parking time limits for daytime use	238 (57.3%)	116 (28.0%)	36 (8.7%)	25 (6.0%)	415
Hotel with overnight boat storage	10 (2.6%)	17 (4.3%)	55 (14.1%)	309 (79.0%)	391
Overnight parking	56 (13.9%)	60 (14.9%)	82 (20.3%)	205 (50.9%)	403
Parking in close proximity to the boat launch or dock	256 (60.5%)	109 (25.8%)	40 (9.5%)	18 (4.3%)	423
Restrooms	261 (60.1%)	125 (28.8%)	37 (8.5%)	11 (2.5%)	434

Answer Options	Very Important	Important	Somewhat Important	Not Important	Response Count
Other	64 (62.1%)	7 (6.8%)	6 (5.8%)	26 (25.2%)	103
Other (please specify)					95
<i>answered question</i>					440

Some of the amenities that were chosen under “Other” include showers, rigging areas with soft surfaces, picnic tables/grills, slings for boats, gathering areas for friends and observers, low tide access, accommodations for new non-profit volunteer based organizations, food facilities, barefoot friendly launches (no sharp rocks, bottles or fish hooks), food and drink facilities, low float docks and sand/gravel beaches (to avoid mud), water quality, more access, equipment and gear lockers, space for kite launching, ramp surfaces that are not slippery, clean and maintained facilities, security, launch sites that without hazards/obstructions, trash cans, tidal information, and accessibility for everyone. Several respondents want to see some points have infrastructure with café, showers, training centers, maps, guides, and availability of pros with expertise.

Survey respondents indicate that parking, boat drop off, and restrooms are very important to users. Drinking water is also important. Overnight accommodations, boat storage, and boat washing facilities are not as important.

Question 38 - Are you a member of a boat club?

Answer Options	Response Percent	Response Count
Yes	43.9%	194
No	56.1%	248
<i>answered question</i>		442

Question 39 - Which club or clubs are you a member of?

Answer Options	Response Count
Alameda Dragon Flyers	1
American Canoe Association	4
American Whitewater	1
Bair Island Aquatic Center	17
Bay Area Dragons	1
Bay Area Kiteboarding	1
Bay Area Sea Kayakers	36
BayView Boat Club	2
Benicia Outrigger Canoe Club	4
Berkeley Paddling & Rowing Club	2
Berkeley Racing Canoe Center	1
Berkeley Yacht Club	3
BlueRush Boardsports	1
Cal Sailing Club	8
California Dragon Boat Association	5
Club Nautique	1
Coastside Fishing	2
Community Youth Center	2

Answer Options	Response Count
Dolphin Club	2
Dragon Warriors	3
Embarcadero Rowing Club	3
Encinal Yacht Club	1
Galileo Celestial Dragons	1
He'e Nalu Outrigger Canoe Club	5
Helm kiteboarding school	1
Ho'okahi Pu'uwai Outrigger Canoe Club	1
Hui Wa'a Outrigger Canoe	14
Kaimanu OCC	2
Kayakers Alliance Meetup	2
Kilohana Outrigger Canoe	4
Larchmont Yacht Club, NY	1
Lodi Paddle Club	1
Los Gatos Rowing Club	2
Marin Canoe Club	1
Mariposa Hunters Point Yacht Club	3
Maui Kiteboarding Community	1
Mountain View Dragonboat	1
Napa Valley Paddlers	1
North Bay Rowing Club	8
Northern California Outrigger Canoe Association	6
Northern California Rowing Club	1
O Kalani Outrigger Canoe Club	8
Ohana Wa'a Outrigger Canoe Club	3
Open water Rowing Center	1
Palo Alto Mud Dawgs	1
Peninsula Yacht Club	1
Petaluma Paddlers	6
Petaluma Small Craft Coalition	3
Richmond Marina	1
Richmond Yacht Club	2
River City Paddlers	1
Sacramento Paddle Pushers	1
Sacramento Sea Kayakers Paddle Club	1
San Francisco Boardsailing Association	21
San Francisco Dragon Boat Association	1
San Francisco Outrigger Canoe Club	4
Sequoia Paddlers	1
San Francisco Blazing Dragons	1
South Bay Marina	1
South Bay Yacht Club	2
St. Francis Yacht Club	8
Suisun City Kayak Meetup	1
Tamalpais Outrigger Canoe Club	7
Team Dawg	1
Third Ave. Kite	2
Tradewinds Sailing Club	1
Treasure Island Yacht Club	2

Answer Options	Response Count
US Windsurfing	1
USA Canoe Kayak	1
Wavechaser	1
Western Sea Kayakers	13
Western Waters Canoe Club	5
<i>answered question</i>	187

The responses show that many boaters belong to clubs, and there is a wide range of different clubs that people belong to (and therefore a wide range of locations where these clubs are based out of). Many users belong to two or more different clubs. The Water Trail will continue to focus outreach efforts to the different clubs recreating on San Francisco Bay.

Question 40 - What are your primary goals for using non-motorized small boats on the Bay? Please rank in order of importance.

Answer Options	Very Important	Important	Somewhat Important	Not Important	Response Count
Exercise	288 (69.2%)	90 (21.6%)	24 (5.8%)	14 (3.4%)	416
Photography	35 (9.3%)	59 (15.7%)	128 (34.1%)	153 (40.8%)	375
Recreational experience	329 (77.8%)	68 (16.1%)	22 (5.2%)	4 (0.9%)	423
Social outing	134 (34.1%)	144 (36.6%)	86 (21.9%)	29 (7.4%)	393
Team Sportsmanship	89 (23.2%)	74 (19.3%)	72 (18.8%)	149 (38.8%)	384
Transportation	14 (3.8%)	23 (6.3%)	62 (16.9%)	268 (73.0%)	367
Wildlife viewing	107 (27.1%)	123 (31.1%)	99 (25.1%)	66 (16.7%)	395
Outdoor enjoyment	347 (83.0%)	65 (15.6%)	5 (1.2%)	1 (0.2%)	418
Other	71 (68.9%)	8 (7.8%)	2 (1.9%)	22 (21.4%)	103
Other (please specify)					91
					<i>answered question</i> 434

Survey respondents ranked the reasons for using non-motorized small boats on the Bay for outdoor enjoyment, recreation, exercise and “Other” as very important. Socializing and wildlife viewing is also important. Photography, team sportsmanship and transportation were not ranked as primary goals for most users.

The responses for “Other” are variable, but illustrate the passion that many users feel about getting out on the Bay. The most common “Other” response was hunting. Some additional responses include racing, fishing, education, and skill building. A sample of the responses are included:

- “Learning to manage the water requirements of tides, weather, currents, etc.”
- “Escape from the crowds of living in a metro area with millions of people, and use of the Bay Area's best recreational resource.”
- “Promote the sport of rowing through our high school program.”
- “multi-day cruising”
- “Having the opportunity to begin my day in nature with friends while getting exercise is priceless; a critical element for caring for one's soul”
- “Fun”
- “I do it to stay STOKED, ALIVE, and in touch with GOD.”

- “The Bay is a beautiful place. I spend every weekend on the water either sailing or windsurfing. It makes me happy.”
- “teaching young people about under-utilized asset”
- “Fishing & Hunting - Like the previous 100 years”
- “Calming, meditative time outdoors”
- “getting to the next level”
- “have a funky good time”
- “Exploring and enjoying the "urban wilderness.”
- “Windsurfing is my REASON to live in the Bay Area!!!”
- “Environmental activism. I can spot bad behavior, report stranded wildlife, etc. Also pick up trash.”
- “It's an amazing way to see the Bay Area. Like taking a walk on the water.”
- “Relaxation”
- “Connection to historic or geographic interests”

Question 41 - We would like to know how to best reach Water Trail users. Do you use social media?

Answer Options	Response Percent	Response Count
Yes	64.6%	285
No	35.4%	156
<i>answered question</i>		441

Question 42 - Which program(s) do you prefer?

Answer Options	Response Percent	Response Count
Facebook	93.7%	251
Google Plus	20.1%	54
Twitter	16.0%	43
Other (please specify)		22
<i>answered question</i>		268

Respondents who answered yes to the social media question were then directed to question 42 asking which program(s) they prefer. Facebook is by far the program most often chosen. The Water Trail program used this information to start a Facebook page.

Question 43 - What statement best describes how you most often recreate in a small non-motorized boat on the Bay?

Answer Options	Response Percent	Response Count
I go by myself	34.9%	152
I go with a small, informal group of friends or family	43.4%	189
I go with an outing organized by a boat club	21.1%	92
I go with a group led by a hired guide	0.5%	2
Other (please specify)		17
<i>answered question</i>		435

Most survey respondents go with a small, informal group of family and friends. The second most common group is users that go alone, followed by outings organized by boat clubs. This response is interesting because the survey was largely distributed through boat clubs and organizations. This information reinforces that it is beneficial to have safety and wildlife information available at launch sites to capture the most users. The Water Trail website and other outreach materials will also be helpful in disseminating information.

Question 44 - If a Water Trail smart phone app was created, what features would you hope it would have?

Answer Options	Very Important	Important	Somewhat Important	Not important	Response Count
Accessibility features	192 (51.5%)	85 (22.8%)	38 (10.2%)	58 (15.5%)	373
Common wildlife expected	53 (14.6%)	116 (31.9%)	115 (31.6%)	80 (22.0%)	364
Gear checklist	31 (8.8%)	77 (21.8%)	111 (31.4%)	134 (38.0%)	353
Map of Water Trail sites	253 (67.1%)	81 (21.5%)	25 (6.6%)	18 (4.8%)	377
Nearby attractions	55 (15.4%)	113 (31.6%)	118 (33.0%)	72 (20.1%)	358
Safety information	164 (44.6%)	114 (31.0%)	57 (15.5%)	33 (9.0%)	368
Suggested itineraries	49 (13.7%)	105 (29.3%)	119 (33.2%)	85 (23.7%)	358
Trailhead information	170 (46.1%)	128 (34.7%)	41 (11.1%)	30 (8.1%)	369
Other	65 (61.9%)	7 (6.7%)	3 (2.9%)	30 (28.6%)	105
Other (please specify)					100
<i>answered question</i>					393

Most of the “Other” responders want real-time tide, wind and weather information. Some people indicated that they do not have or use a phone. Others felt that developing an application is a waste of money and not very useful.

Question 45 - To be included in the Water Trail stakeholder list and receive periodic email updates, add your name and email.

The Water Trail added 259 emails to our stakeholder list based on this response. For privacy purposes, the names and email addresses were deleted from the full text of survey responses found in Appendix A.

Question 46 - is there anything else you would like to add?

Answer	Response Count
Access Suggestions	20
Hunting comments	5
Motorboat Comments	5
None	13
Thank you and/or excitement for the project	45
Windsurfing Comments	13
Other	17
<i>answered question</i>	118

It was encouraging to see the responses that showed enthusiasm and excitement for the Water Trail Program. Feedback from the users of non-motorized small boats and beachable sail craft in San Francisco Bay will help us develop the Water Trail program.

CONCLUSIONS AND RECOMMENDATIONS

The survey provided a number of insights regarding non-motorized small boat use in the San Francisco Bay area. Many people who responded to the survey use several different types of boats and belong to many different clubs (and often several different clubs). The windsurfers and kiteboarders consistently chose the same sites in their responses which makes sense because the sites that provide ideal conditions for these sports are limited in the Bay. Besides the windsurfing and kiteboarding sites, there was a wide diversity of sites located throughout the Bay that people use. Some of the sites listed are not potential Water Trail sites, and Water Trail staff may explore the suitability of these sites for inclusion in the Water Trail network at a later date. Many of the responses indicate that people prefer to use sites that are located near their home. Parking, restrooms, and safe launching facilities are very important features of launch sites. People primarily enjoy using the Bay for outdoor enjoyment and recreation, feel passionately about the Bay, and are generally very supportive of the Water Trail Program.

Water Trail staff and the PMT will use these results as the Water Trail Program is developed. Development of a Water Trail Accessibility Plan is underway and the answers to Questions 34 and 35 provide insight into how the Water Trail can help make launch sites more accessible to persons with disabilities. The Water Trail Program will be developing a grant program in the near future and the feedback regarding the improvements and amenities that people would like to see provides information to help inform the Grant Program. The different sites people use often will help inform which sites are initially targeted for designation into the Water Trail.

This survey was conducted before the creation of the Water Trail website and people were reached primarily by email. Once the Water Trail Program has a website, more Facebook followers, a larger stakeholder list, and more exposure, it would be valuable to conduct another survey. The Water Trail Program is very interested in the needs of the human-powered boating community and how to best serve our public.