

Appendix E – Additional information about the Onsite Survey

Additional methods information

Sampling by month, weekend/weekday

Table 1. Onsite surveys by month for all three islands

Island	May	June	July	August	September	Total
San Juan Island	11	100	192	209	25	537
Orcas Island	4	80	134	212	80	510
Lopez Island	5	104	194	175	19	497
Total	20	284	520	596	124	1,544

Table 2. Onsite surveys by time of day for all three islands

Island	8-10 am	11-noon	1-2 pm	3-4 pm	5-7 pm	Total*
San Juan Island	59	178	150	92	55	534
Orcas Island	16	73	197	133	86	505
Lopez Island	27	95	105	170	22	419
Total*	102	346	452	395	163	1,458

Note: Time of day totals are slightly different from monthly totals because some times were not recorded.

Survey Instrument

San Juan Islands Visitor Study • Onsite survey

Date ___/___/___ at ___:___ Location _____ Tech _____

1. How crowded did you feel during your visit *at this location*? (Please circle one number for each row)

	Not at all crowded		Slightly crowded		Moderately crowded		Extremely crowded		
On roads traveling to this location	1	2	3	4	5	6	7	8	9
Finding parking at this location	1	2	3	4	5	6	7	8	9
On trails at this location	1	2	3	4	5	6	7	8	9
Using facilities (such as restrooms, picnic tables)	1	2	3	4	5	6	7	8	9
At your primary destination at this location (such as a beach, overlook, or picnic area)	1	2	3	4	5	6	7	8	9
Overall for this location	1	2	3	4	5	6	7	8	9

2. Please rate the acceptability of conditions and facilities *at this location*. (Please circle one number per row)

	Totally unacceptable	Slightly unacceptable	Marginal	Slightly acceptable	Totally acceptable	OR...✓ if you did not use or notice
Directional signs and information	-2	-1	0	1	2	<input type="checkbox"/>
Amount of parking	-2	-1	0	1	2	<input type="checkbox"/>
Condition of trails	-2	-1	0	1	2	<input type="checkbox"/>
Rest rooms	-2	-1	0	1	2	<input type="checkbox"/>
Interpretive information / exhibits	-2	-1	0	1	2	<input type="checkbox"/>
Other facilities _____	-2	-1	0	1	2	<input type="checkbox"/>

3. Which of the following best describes you? (Please **check one box** and **answer the questions in that column only**)

<input type="checkbox"/> Visitor <i>Do not live or work on the San Juan Islands</i>		<input type="checkbox"/> Resident <i>Live or work on the San Juan Islands</i>	
Which islands will you visit on this trip? (✓ all that apply) <input type="checkbox"/> San Juan <input type="checkbox"/> Orcas <input type="checkbox"/> Lopez <input type="checkbox"/> Other _____		Where is your island residence located? (Circle one number) 1. San Juan 2. Orcas 3. Lopez 4. Other _____ 5. I commute	
Which island are you staying on tonight? (Circle one number) 1. San Juan 2. Orcas 3. Lopez 4. Other _____		How many years have you had a residence in the San Juan Islands?	_____ years
How many days will you spend in the San Juan Islands on this trip?	_____ days	About how many months per year do you spend in the San Juan Islands?	_____ months
How many people (including yourself) were in your group on this trip?	children _____ adults _____	How many people (including yourself) were in your group on this trip?	children _____ adults _____
What accommodations will you use on this trip? (✓ all that apply) <input type="checkbox"/> Hotel / motel / resort <input type="checkbox"/> Rental (VRBO, AirBNB, etc.) <input type="checkbox"/> B&B or small inn <input type="checkbox"/> Campground <input type="checkbox"/> Family / friends		About how many times did you visit this location in the past month?	_____ times
How did you travel to this location? (Circle one number) 1. Own vehicle 2. Rental vehicle 3. Own bike 4. Rental bike 5. Bus 6. Other _____		How did you travel to this location? (Circle one number) 1. Own vehicle 2. Rental vehicle 3. Own bike 4. Rental bike 5. Bus 6. Other _____	
What is your zip code / postcode?	_____	Are you retired? 1. No 2. Yes	
About how long was your visit to this location today?	_____ hours - _____ minutes	About how long was your visit to this location today?	_____ hours - _____ minutes

Survey codebook

San Juan Islands Visitor Study • Onsite survey Date ___/___/___ at ___:___ Location _____ Tech _____

A island 1=SJI 2=Orcas 3=Lopez

A coder Initials of coder

A month Month of coding

A day Day of coding

B month Month of onsite survey

B day Day in month of onsite survey

B Location Number of site where survey was taken

B tech Initials of tech who did surveying

1. How crowded did you feel during your visit **at this location?** (Please circle one number for each row)

	Not at all crowded		Slightly crowded		Moderately crowded		Extremely crowded		
On roads traveling to this location croads	1	2	3	4	5	6	7	8	9
Finding parking at this location cpark	1	2	3	4	5	6	7	8	9
On trails at this location ctrails	1	2	3	4	5	6	7	8	9
Using facilities (such as restrooms, picnic tables) crest	1	2	3	4	5	6	7	8	9
At your primary destination at this location (such as a beach, overlook, or picnic area) cprime	1	2	3	4	5	6	7	8	9
Overall for this location cover	1	2	3	4	5	6	7	8	9

2. Please rate the acceptability of conditions and facilities **at this location.** (Please circle one number per row)

	Totally unacceptable	Slightly unacceptable	Marginal	Slightly acceptable	Totally acceptable	OR...✓ if you did not use or notice
Directional signs and information rsigns	-1	0	1	2	<input type="checkbox"/>	
Amount of parking rparking	-1	0	1	2	<input type="checkbox"/>	
Condition of trails rtrails	-1	0	1	2	<input type="checkbox"/>	
Rest rooms rrest	-1	0	1	2	<input type="checkbox"/>	
Interpretive information / exhibits rinterp	-1	0	1	2	<input type="checkbox"/>	
Other facilities _____ rother1, rother2	-1	0	1	2	<input type="checkbox"/>	

3. Which of the following best describes you? (Please check one box and answer the questions in that column only)

<input type="checkbox"/> Visitor Visres = 1		<input type="checkbox"/> Resident Visres = 2	
Which islands will you visit on this trip? (✓ all that apply) <input type="checkbox"/> San Juan <input type="checkbox"/> Orcas <input type="checkbox"/> Lopez <input type="checkbox"/> Other _____ vsanjuan vorcas vlopez votheris 0=unchecked, 1=checked		Where is your island residence located? (Circle one number) 1.San Juan 2.Orcas 3.Lopez 4.Other _____ 5. I commute rloc	
Which island are you staying on tonight? (Circle one number) 1. San Juan 2. Orcas 3. Lopez 4. Other _____ vstay		How many years have you had a residence in the San Juan Islands?	ryears years
How many days will you spend in the San Juan Islands on this trip? vdays	days	About how many months per year do you spend in the San Juan Islands?	rmonths months
How many people (including yourself) were in your group on this trip? vkids vadults	children adults	How many people (including yourself) were in your group on this trip? rkids radults	children adults
What accommodations will you use on this trip? (✓ all that apply) <input type="checkbox"/> Hotel / motel / resort <input type="checkbox"/> Rental (VRBO, AirBNB, etc.) <input type="checkbox"/> B&B or small inn <input type="checkbox"/> Campground <input type="checkbox"/> Family / friends Vhotel vrental Vbb vcg vfamil		About how many times did you visit this location in the past month? rtimes	times
How did you travel to this location? (Circle one number) vtravel 1. Own vehicle 2. Rental vehicle 3. Own bike 4. Rental bike 5. Bus 6. Other _____		How did you travel to this location? (Circle one number) rtravel 1. Own vehicle 2. Rental vehicle 3. Own bike 4. Rental bike 5. Bus 6. Other rtravel2 _____	
What is your zip code / postcode?	vzip	Are you retired? 1. No 2. Yes retired	
About how long was your visit to this location today?	vlonghr vlongmin hours – minutes	About how long was your visit to this location today?	rlonghr rlongmin hours – minutes

Survey protocol

The survey will be administered to all those who visit specific locations.

For each location, survey techs will either:

1. Roam a designated route (e.g., a short trail to a marine viewing area); or
2. Establish a station near the common exit of the location (e.g., a picnic table next to a parking lot).

For the scheduled time period, they will attempt to contact 4 to 10 groups they pass on their route or that passes them at their station.

The tech will approach groups and ask them to participate in the survey using a script provided (see example in separate file).

If the group agrees to participate, the person with the upcoming birthday closest to the sampling day will be asked to complete the questionnaire.

Groups with five or more members will be asked to have two members complete the survey (using the next upcoming birthday to randomize the second participant).

When the surveyor has completed his/her contact with the group, the surveyor will ask the next visitor group along the route to participate in the survey.

This process will continue through the sampling period.

Visitors will generally complete the on-site questionnaire in the vicinity of the surveyor, who will answer any questions and collect the surveys upon completion. A screening question will assure that participants will not be surveyed more than once for the study.

It is okay for the survey tech to administer 2 to 3 surveys at the same time – collecting them as people finish. In our experience, it is hard to keep track of more than 3.

A one page FAQ provides additional information about the study and how they were selected for the survey.

If a group refuses to participate in the study, the technician will estimate their group size and note the reason for refusal in a log (log refusal form).

Response rates are expected to be range from 80 to 90%, varying by the type of location.

Target sample sizes and sampling times have been developed for specific locations on all three islands.

Sample scheduling will generally include similar numbers of week days and weekend days, and similar numbers of hours during medium and higher use times. The study is targeting only a minimal number of lower use times. Details for specific locations are outlined in the survey sample targets discussion.

Survey script

Hi – how are you doing? We’re conducting a study for San Juan County (or other agency) to learn about how visitors use this area. Participation is voluntary, and all responses are anonymous. Would one person from your group be willing to take 3 to 5 minutes to complete a short survey?

Thanks. OK, so we need to pick someone at random....which adult (over 18) in your group has the next birthday coming up?

Great. Here’s the survey...there is just one page of questions.

Most questions refer to this place, _____.

For the questions at the end, fill out the left side if you are a visitor to the islands, or the right side if you live here – don’t fill out both.

There is room on the back for comments about this location or suggestions for improved management.

Go ahead and fill this out at your leisure – I will get it back from you in a few minutes.

Feel free to ask me questions...

Other rules:

No repeats in same day.

Pick 2 if group is over 5 people.

No kids (people under 18).

Written comments on surveys

Other ways visitors traveled to onsite location:

San Juan Island

- Walk on ferry (10)
- Taxi (6)
- Kayak (5)
- Boat (5)
- Walk or run (5)
- Friends' vehicle (4)
- Plane (4)
- Trolley / bus (3)
- Tour bus (3)
- Scooter (2)
- Moped
- R.V.
- Van with bike riders

Orcas Island

- Walk (2)
- Kayak (2)
- Carpool (2)
- Work vehicle

Lopez Island

- Boat (29)
- Walk (12)
- Friend's car (7)
- Ferry (5)
- Plane (3)
- Shuttle