Survey #:	PAOT: Min	 Time:	Location:	Date:

Attachment 1.

"Understanding and Managing Soundscapes in National Parks: Sequoia and Kings Canyon National Parks Visitor Use Survey"

Today we are conducting a visitor survey that includes a listening portion which directs your attention to the sounds of the park. If you are interested in participating, you will be asked to **fill out a checklist to identify sounds** you heard today. This survey will be used to help the National Park Service (NPS) understand the effects of natural and human sounds in the park. This exercise is voluntary and anonymous. It will take approximately 5-10 minutes to complete.

- Step 1: The listening portion of this survey will be led by an NPS volunteer. Remember that all sounds are included, both human and natural.
- Step 2: Close your eyes and relax, and keep track of each individual sound that you heard.
- Step 3: While holding your concentration, focus on the sounds you have heard. Now, please take a moment to fill out the attached sheet before speaking with other participants about what you have heard. This exercise begins on the next page.
- Step 4: Please put a $\sqrt{\text{check mark next to each sound that you heard during the exercise}}$. If a sound is not listed, please write the sound(s) in the blank spaces provided at the bottom of the SOUNDS column on page 4. Again, only put a $\sqrt{\text{check mark next to each sound that you actually heard during the exercise}}$.
- Step 5: Under the **FEELINGS OR EMOTIONS ASSOCIATED WITH SOUNDS** column, please list any feelings or emotions that you associated with each of the sounds you checked. **Please only respond questions** corresponding to sounds you actually heard.
 - Examples: I felt *relaxed* because the stream was soothing to me.
 - I felt annoyed because the bird was beeping like an alarm clock.
 - I felt frustrated because the dog was barking when I wanted peace and quiet.
- Step 6: Under the **ACCEPTABILITY OF SOUNDS AT THIS LOCATION** column, please circle one number which best describes how unacceptable or acceptable the sound was for this location in the park: The scale is on a continuum from: 4 as very unacceptable, 2 as slightly unacceptable, on a sneutral, +2 as slightly acceptable, and + 4 as very acceptable.
- Step 7: Under the **PERSONAL INTERPRETATION** column, please circle one number which best describes how pleasing or annoying the sound was to you: The scale is on a continuum from: -4 as very annoying, 2 as slightly annoying, 0 as neutral, +2 as slightly pleasing, and + 4 as very pleasing.
- Step 8: Please answer a few questions about yourself and your group on page 5.

Thank you for your participation!

SOUNDS			ACC	CEPTAI		Y OF S		D AT T	THIS]	PERSO	ONAL I		RPRE OUN		ON OF	THIS)	FEELINGS OR EMOTIONS ASSOCIATED WITH SOUND
	DID YOU HEAR THIS SOUND?	Very unacceptable		Slightly unacceptable		Neutral		Slightly acceptable		Very acceptable	Very annoying		Slightly annoying		Neutral		Slightly pleasing		Very pleasing	
Wind	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Wind, through pine trees	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Wind, rustling leaves	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Water, streams, rivers, etc.	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Rain	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Thunder	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Animal, small (e.g. squirrel)	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Animal, large (e.g. deer)	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Bird song	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Bird chatter (e.g. Jay)	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Insect (s)	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Animal, unknown	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	

SOUNDS			ACC	CEPTAI		Y OF S		D AT T	HIS]	PERSO	ONAL I		RPRE		ON OF	THIS)	FEELINGS OR EMOTIONS ASSOCIATED WITH SOUND
	DID YOU HEAR THIS SOUND?	Very unacceptable		Slightly unacceptable		Neutral		Slightly acceptable		Very acceptable	Very annoying		Slightly annoying		Neutral		Slightly pleasing		Very pleasing	
People	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Voices	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Soft voice, whisper	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Group, talking	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Group, loud or yelling	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Adult, loud or yelling	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Children, loud or yelling	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Child, crying	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Group activities (gathering or shuffling)	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Walking sounds	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Walking sticks	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Camera	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	

SOUNDS			ACC	CEPTAI		Y OF S		D AT T	HIS		I	PERSO	ONAL I		RPRE OUN		ON OF	THIS		FEELINGS OR EMOTIONS ASSOCIATED WITH SOUND
	DID YOU HEAR THIS SOUND?	Very unacceptable		Slightly unacceptable		Neutral		Slightly acceptable		Very acceptable	Very annoying		Slightly annoying		Neutral		Slightly pleasing		Very pleasing	
Cell phone	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Headset or iPod	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Technology Sounds, Unknown	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Aircraft, Unknown	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Aircraft, Jet	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Aircraft, Propeller	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Aircraft, Helicopter	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Vehicle	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Shuttle bus	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Car horn	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Car door	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Engine noise, Unknown	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Motorcycle	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Grounds Care (trail work, etc.)	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Other:	☐ Yes	-4	-3	-2	-1	0	+1	+2	+3	+4	-4	-3	-2	-1	0	+1	+2	+3	+4	

1.	a) Have you visited Sequoia or Kings Canyon National Parks before today? [1.VISITHIS1]	5. In what year were you born? Year born: [1.AGE1]
	O Yes O No → Go on to Question 2 U	6. Do you live in the United States? (Mark one) [1.RES3] O Yes (What is your zip code?) O No (What country do you live in?)
	b) In total, approximately how many times have you visited Sequoia or Kings Canyon National Parks? Approximate number of visits:	7. What is the approximate population of the location where you live?
	c) On this visit, how long did you stay at Rocky Mountain National Park? Please list partial hours as ¼, ½, or ¾. [3.TRIPC11] Number of hours , if less than 24 hours OR Number of days, if 24 hours or more	 8. What is the highest level of formal education you have completed? (Mark one) [1.ED2] O Less than high school O High school O Vocational/trade school certificate O Some college
2.	a) On this visit, what kind of personal group were you with? Please mark (♠) one. Your personal group is anyone you were visiting the park with, such as souse, family, friends, etc. This does not include larger groups, such as school, church, scouts, or tours. [.GR5] O Alone O Family O Friends O Other (Please specify)	O Two-year college degree O Four-year college degree O Graduate degree 9. Are you Hispanic or Latino? (Mark one) [1.RACE/ETH2] O Hispanic or Latino O Not Hispanic or Latino
	b) On this visit, how many people were in your personal group, including yourself? [1.GR3] Number of people:	10. What is your race? (Mark one or more) [1.RACE/ETH3] O American Indian or Alaskan Native
3.	a) Were you and your personal group part of a larger group? (Mark one) O Yes O No → Go on to Question 4 [Topic Area 2: Trip/Visit Characteristics]	 O Asian O Black or African American O Native Hawaiian or pacific Islander O White
	b) If YES, what type of larger group were you and your personal group part of? Please mark (o one. [Topic Area 2: Trip/Visit Characteristics]	Thank you for your participation.
	O Commercial guided tour group O History club/ elder hostel O Other organized group (such as business group, scout group, etc.) O School/ educational group O Family reunion group	PRIVACY ACT and PAPERWORK REDUCTION ACT statement: 16 U.S.C. 1a-7 authorizes collection of this information. This information will be used by park managers to better serve the public. Response to this request is voluntary. No action may be taken against you for refusing supply the information requested. All data will be anonymous. An agency may not conduct or sponsor, and person is not required to respond to, a collection of information unless it displays a valid OMB number.
	c) How many people in total were in this larger group? [variation of 1.GR3]	OMB control number:
	Approximate number of people:	Expiration Date:
4.	What is your gender? (Mark one) [1.GEND2] O Male O Female	BURDEN ESTIMATE STATEMENT: Public reporting burden for this form is estimated to average 10 minutes per response. Direct comment regarding the burden estimate or any other aspect of this form to: Annie Esperanza , Sequoia and Kings Canyon National Parks, 47050 Generals Highway, CA 93271

Attachment 2: Survey Log

Sequoia and Kings Canyon National Parks Survey Log

Location	Date	Day of Week
Time Arrive	Time Leave	_ Name

	Group Size	#	#Children	Refusal or	
Time	Size	Adults	(<15yrs)	Survey #	Comments (reason, if given)
	ļ				