OLYMPIC NATIONAL PARK WILDERNESS VISITOR SURVEY

Overnight Visitors (low use areas)

Paperwork Reduction Act Statement: The National Park Service is authorized by 16 U.S.C. 1a-7 to collect this information. This information will be incorporated into the park's efforts to prepare a Wilderness Stewardship Plan. Your responses are voluntary and completely anonymous. A Federal agency may not conduct or sponsor and you are not required to respond to, a collection of information unless it displays a currently valid OMB Control Number and expiration date.

BURDEN ESTIMATE STATEMENT: We estimate that it will take an average of 15 minutes to complete this questionnaire. Please direct any comments that you have concern this collection to Jennifer Chenoweth, Wilderness Planning Specialist, Olympic National Park Port Angeles, WA 98362; Jennifer_chenoweth@nps.gov (email).

OMB CONTROL NUMBER 1024-0224
Expiration Date: 8/31/2014

For the purposes of this review and submission the justifications for each question or section of questions is highlighted in a shaded text box above each question. These text boxes will not be printed on the final version of the surveys. The Topic Areas noted are consistent with the currently approved pool questions for the NPS Programmatic Review Process (1024-0224 – Current Expiration Date: 8-31-2014). The questions that are slight variations are denoted as such. No questions in this submission are outside the general scope of the programmatic review process.

OLYMPIC NATIONAL PARK WILDERNESS VISITOR SURVEY

Olympic National Park is preparing a Wilderness Stewardship Plan for the park. You are being asked to participate in this survey because you are using the **wilderness** portion of the park. Most of Olympic National Park (about 95%) has been designated **wilderness** which means that the area should be managed to retain its natural character and provide visitors a high quality **wilderness** experience, including opportunities for solitude. Your participation in this survey will help the National Park Service prepare a plan that meets the needs of visitors like you. Thank you for your help.

I. WILDERNESS TRIP CHARACTERISTICS

This section of the questionnaire asks about your trip in the wilderness of Olympic National Park on the day you were contacted about this survey.

TOPIC AREA 3: TBACK6

1. How long was your trip? (*Mark one*.)

○ Overnight. How many nights did you spend in the wilderness? _____

○ Day trip. How many hours did you spend in the wilderness? _____

TOPIC AREA 1: GR3

2. How many people (including yourself) are in your group? _____

TOPIC AREA 2: TPLAN5

3. What was your primary destination on this trip? _____

TOPIC AREA 4: PREF1

4a. What were the purposes for going on this wilderness trip? *(Mark all that apply.)*

○ Photography
○ Camp out
○ Observe wildflowers
○ Observe wildlife
○ Physical challenge
○ Fishing
○ Horseback riding
○ Get out of the city
○ Get away from normal routine
○ Be with family/friends
○ Experience wilderness
○ Enjoy the scenery
○ Climbing
○ Experience solitude

○ See Pacific Ocean
○ Group outing
○ Other (Please specify:_____)

b. Please circle the most important purpose of this wilderness trip.

TOPIC AREA 3: TRANS 1 (*Variation*)

5a. Did you travel into the wilderness with pack stock animals?
○ Yes
○ No *(Skip to question 6.)*

b. What type of stock animals did you use? *(Mark all that apply.)*
○ Horse
○ Mule
○ Burro
○ Llama
○ Other (Please specify:_____)

6. Indicate the extent to which each of the following would add or detract from the quality of your wilderness experience in Olympic National Park. (*Circle one number for each item*.)

	Effect on WILDERNESS experience						
	Would Detract			No	Would Add		
Item:	A Lot		A Little	Effect	A Little		A Lot
Signs and camp areas							
Seeing directional signs inside the wilderness at trail junctions	-3	-2	-1	0	+1	+2	+3
Seeing signs identifying landscape features or destinations in the wilderness (e.g., lakes, cabins, mountain passes)	-3	-2	-1	0	+1	+2	+3
Seeing wilderness boundary marker signs	-3	-2	-1	0	+1	+2	+3
Seeing well defined campsites in the wilderness	-3	-2	-1	0	+1	+2	+3
Seeing a lot of bare ground around campsites	-3	-2	-1	0	+1	+2	+3
Presence of bear wires in campsites for hanging food	-3	-2	-1	0	+1	+2	+3
Trails and Water Crossings							
Fording (wading) streams	-3	-2	-1	0	+1	+2	+3
Crossing streams on a footlog (downed log with handrail)	-3	-2	-1	0	+1	+2	+3
Crossing streams on wood bridge	-3	-2	-1	0	+1	+2	+3
Crossing streams on steel bridge	-3	-2	-1	0	+1	+2	+3
Traveling cross-country/off-trail	-3	-2	-1	0	+1	+2	+3
Presence of downed logs across trails	-3	-2	-1	0	+1	+2	+3
Visitor Use Management							
Not being allowed to have a campfire in specific areas	-3	-2	-1	0	+1	+2	+3
Overnight permit requirement	-3	-2	-1	0	+1	+2	+3
Being required to camp at designated sites	-3	-2	-1	0	+1	+2	+3

Paying a fee to access park trailheads	-3	-2	-1	0	+1	+2	+3
Presence of privies/toilets	-3	-2	-1	0	+1	+2	+3
Seeing areas closed for restoration	-3	-2	-1	0	+1	+2	+3
	Effect on WILDERNESS experience						
	Would Detract			No	Would Add		
Item:	A Lot	A Little		Effect	A Little		A Lot
Sights and Sounds							
Seeing/hearing aircraft	-3	-2	-1	0	+1	+2	+3
Seeing/hearing people using electronic devices (e.g., cell phones, GPS, etc.)	-3	-2	-1	0	+1	+2	+3
Seeing/hearing chainsaws or other motorized equipment	-3	-2	-1	0	+1	+2	+3
Seeing wildlife with radio collars, ear tags, or other markings	-3	-2	-1	0	+1	+2	+3
Encountering a wilderness ranger	-3	-2	-1	0	+1	+2	+3
Seeing/hearing motor boats on the coast	-3	-2	-1	0	+1	+2	+3
Seeing user-created paths around campsites	-3	-2	-1	0	+1	+2	+3
Seeing trees damaged by campers	-3	-2	-1	0	+1	+2	+3
Seeing pack stock animals or evidence of pack stock animal use	-3	-2	-1	0	+1	+2	+3
Seeing shelters (three-sided structures)	-3	-2	-1	0	+1	+2	+3
Seeing historic buildings (e.g., cabins)	-3	-2	-1	0	+1	+2	+3
Seeing research equipment (e.g., weather stations)	-3	-2	-1	0	+1	+2	+3
Seeing parks staff spraying exotic, invasive plants	-3	-2	-1	0	+1	+2	+3
Seeing park staff engaged in research and monitoring activities	-3	-2	-1	0	+1	+2	+3
Seeing park staff working in wilderness	-3	-2	-1	0	+1	+2	+3

III. WILDERNESS SOLITUDE

This section of the questionnaire asks about the meaning and importance of solitude in the wilderness of Olympic National Park.

TOPIC AREA 5: VERP1

7a. We would like to know how many hikers per day you think it is acceptable to see on the wilderness trails you hiked today without feeling too crowded. Please rate the acceptability of encountering each of the following numbers of hikers per day on the wilderness trails you used today. A rating of "-4" means the number of hikers encountered per day is highly unacceptable, and a rating of "+4" means the number of hikers encountered per day is highly acceptable. *(Circle one rating for each of the numbers of other hikers encountered per day.)*

Number of hikers encountered per day on wilderness trails	Highly	Very	Moderately Unacceptable	Slightly	Neutral	Slightly	Moderately Acceptable	Very	Highly
No other hikers	-4	-3	-2	-1	0	+1	+2	+3	+4
5 other hikers	-4	-3	-2	-1	0	+1	+2	+3	+4
10 other hikers	-4	-3	-2	-1	0	+1	+2	+3	+4
20 other hikers	-4	-3	-2	-1	0	+1	+2	+3	+4
30 other hikers	-4	-3	-2	-1	0	+1	+2	+3	+4
40 other hikers	-4	-3	-2	-1	0	+1	+2	+3	+4
60 other hikers	-4	-3	-2	-1	0	+1	+2	+3	+4
80 other hikers	-4	-3	-2	-1	0	+1	+2	+3	+4
100 or more other hikers	-4	-3	-2	-1	0	+1	+2	+3	+4

TOPIC AREA 5: VERP2

b. What is the number of hikers per day that you would <u>prefer</u> to encounter along the wilderness trails you hiked today?

Preferred number of hikers encountered per day: _____

TOPIC AREA 5: VERP (*Variation*)

c. What is the maximum number of hikers you think you could encounter per day before you would <u>no longer hike the wilderness trails</u> that you used today? If you would continue to hike these trails regardless of the number of hikers, you may indicate that.

Maximum number of hikers encountered per day
before you would no longer use these wilderness trails: _____

OR

□ I would continue to hike these wilderness trails regardless of the number of hikers I encountered.

TOPIC AREA 5: VERP3

d. What is the maximum number of hikers encountered per day that you think the National Park Service should allow on the wilderness trails you used today? In other words, at what point do you think visitors should be restricted from hiking these trails? If you think the number of hikers on these wilderness trails should not be restricted, you may indicate that.

Maximum number of hikers encountered per day that should be allowed on these wilderness trails: _____

OR

□ The number of hikers on these wilderness trails should not be restricted.

TOPIC AREA 5: VERP4

e. What is the approximate number of hikers you encountered today on these wilderness trails?

Approximate number of hikers encountered: _____

TOPIC AREA 3: TRIP BEHAVIORS

f. Approximately how much time did you spend hiking on these wilderness trails today?

Length of hike: _____ (hours and/or minutes).

TOPIC AREA 5: VERP1

8a. Visitors often stop and visit selected "attraction sites" (e.g., waterfalls) in the wilderness. We would like to know how many people you think could visit a wilderness attraction site without you feeling too crowded. To help judge this, we have a series of photographs that show different numbers of people at an attraction site in the wilderness of Olympic National Park. Please rate each photograph by indicating how acceptable you find it based on the number of people shown. A rating of "-4" means the number of people is highly unacceptable, and a rating of "+4" means the number of people is highly acceptable. *(Circle one number for each photograph.)*

	Highly	Very	Moderately	Slightly	Neutral	Slightly	Moderately	Very	Highly
			Unacceptable				Acceptable		
Photo 1…..	-4	-3	-2	-1	0	+1	+2	+3	+4
Photo 2…..	-4	-3	-2	-1	0	+1	+2	+3	+4
Photo 3…..	-4	-3	-2	-1	0	+1	+2	+3	+4
Photo 4…..	-4	-3	-2	-1	0	+1	+2	+3	+4
Photo 5…..	-4	-3	-2	-1	0	+1	+2	+3	+4
Photo 6…..	-4	-3	-2	-1	0	+1	+2	+3	+4

TOPIC AREA 5: VERP2

b. Which photograph shows the number of people you would prefer to see while visiting a wilderness attraction site?

Photo number:_____

TOPIC AREA 5: VERP (*Variation*)

c. Which photograph shows the number of people that would be so unacceptable that you would no longer visit this wilderness attraction site? If none of the photographs represent this condition, you may indicate that.

Photo number: _____

OR

□ None of the photographs are so unacceptable that I would no longer visit this wilderness attraction site.

TOPIC AREA 5: VERP3

d. Which photograph shows the highest number of people you think the National Park Service should allow to visit this wilderness attraction site? In other words, at what point should people be restricted from visiting this site? If you think use should not be restricted at any point represented in the photographs, or not restricted at all, you may indicate that.

Photo number: _____

OR

□ None of the photographs show a high enough number of people to restrict people from visiting this wilderness attraction site.

OR

□ The number of people visiting this wilderness attraction site should not be restricted.

TOPIC AREA 5: VERP4

e. Which photograph looks most like the number of people you typically saw while visiting wilderness attraction sites on this trip?

Photo number: _____

TOPIC AREA 5: VERP1

9a. We would like to know how many groups you think it would be acceptable to have camp within sight and sound of you each night in the wilderness of Olympic National Park. Please indicate how acceptable you think the following numbers of groups are. A rating of -4 means you think the number of groups is "highly unacceptable" and a rating of +4 means you think the number of groups is "highly acceptable." *(Circle one number for each number of groups.)*

Number of groups camped within sight and sound per night	Highly	Very	Moderately Unacceptable	Slightly	Neutral	Slightly	Moderately Acceptable	Very	Highly
No other groups	-4	-3	-2	-1	0	+1	+2	+3	+4
1 group	-4	-3	-2	-1	0	+1	+2	+3	+4
2 groups	-4	-3	-2	-1	0	+1	+2	+3	+4

3 groups	-4	-3	-2	-1	0	+1	+2	+3	+4
4 groups	-4	-3	-2	-1	0	+1	+2	+3	+4
5 groups	-4	-3	-2	-1	0	+1	+2	+3	+4

TOPIC AREA 5: VERP2

b. What is the number of other groups that you would prefer to have camp within sight and sound of you each night in the wilderness of Olympic National Park?

Preferred number of other groups camped within sight and sound: _____

TOPIC AREA 5: VERP (*Variation)*

c. What is the maximum number of groups you think you could camp within sight and sound of you each night in the wilderness of Olympic National Park before you would no longer camp in this area? If you would continue to camp here regardless of the number of other groups, you may indicate that.

Maximum number of other groups camped within sight and sound of you in the wilderness before you would no longer camp here: _____

OR

□ I would continue to camp here regardless of the number of other groups camped within sight and sound of me.

TOPIC AREA 5: VERP3

d. What is the maximum number of groups that you think the National Park Service should allow to camp within sight and sound of you each night in the wilderness of Olympic National Park? In other words, at what point do you think visitors should be restricted from camping in this area? If you think the number of groups should not be restricted, you may indicate that.

Maximum number of groups that should be allowed to camp within sight and sound: _____

OR

□ The number of groups should not be restricted.

TOPIC AREA 5: VERP4

e. What is the average number of other groups camped within sight and sound of you on this trip in the wilderness of Olympic National Park?

Average number of other groups camped within sight and sound: _____

TOPIC AREA 5: CROWDING AND VISITOR EXPERIENCES

10. How crowded did you feel on this visit to the wilderness of Olympic National Park? (*Circle one number*.)

Not at all crowded	Not crowded	Slightly crowded	A little crowded	Somewhat crowded	Moderately crowded	Very crowded	Highly crowded	Extremely crowded
1	2	3	4	5	6	7	8	9

TOPIC AREA 6: OPMGMT6 (*Variation)*

11. National Park Service managers must find an appropriate balance between allowing people to visit the wilderness and providing opportunities for solitude. In your opinion, which of the four following options strikes the best balance for the wilderness of Olympic National Park? (*Mark one*.)

- ○ *Do not restrict use to manage for solitude* anywhere in the wilderness, even if use is heavy.
- ○ Manage for *solitude along a few wilderness trails*. The number of people allowed to use these few trails will be limited, but the majority of trails will have no use limits.
- ○ Manage for *solitude on most wilderness trails*, by limiting the number of people using these trails. A few trails will have unrestricted use. Use levels will be increased and high on these trails.
- ○ Manage for *solitude everywhere* in wilderness, even though this may mean that use will be restricted and people will be turned away.

IV. WILDERNESS MANAGEMENT

This section of the questionnaire asks for your opinions about wilderness management.

TOPIC AREA 1: KNOW 13 (*Variation*)

12. How familiar are you with the legal definition of wilderness? (*Mark one*.)
    - ○ I have no idea -- I didn't even know there was a legal definition of wilderness.
    - ○ I have heard of wilderness areas, but I don't know anything about the legal definition of wilderness.
    - ○ I know a little bit about what the legal definition of wilderness is.
    - ○ I think I know a lot about the legal definition of wilderness.

TOPIC AREA 6: OPMGMT6

13. Please indicate the extent to which you oppose or support the following wilderness management actions. (*Circle one number for each item*.)

	Strongly Oppose	Oppose	No Opinion	Support	Strongly Support
Trails and Campsites					
Close overused campsites	-2	-1	0	1	2
Prohibit campfires at areas with little down wood	-2	-1	0	1	2
Prohibit campfires throughout entire wilderness	-2	-1	0	1	2
Restrict group camping (greater than 6 people) to designated group camps	-2	-1	0	1	2
Place no bridges or footlogs over some water crossings on high use, maintained trails	-2	-1	0	1	2
Place no bridges or footlogs over some water crossings on low use, maintained trails	-2	-1	0	1	2

	Strongly Oppose	Oppose	No Opinion	Support	Strongly Support
Visitor Use Management					
Assign parties to specific campsites	-2	-1	0	1	2
Provide reservations for areas with limits on overnight camping	-2	-1	0	1	2
Require visitors to obtain wilderness permits at Wilderness Information Centers	-2	-1	0	1	2
Provide opportunity to obtain wilderness permits online	-2	-1	0	1	2
Limit number of overnight visitors in specific high use areas	-2	-1	0	1	2
Limit number of day use visitors in specific high use areas	-2	-1	0	1	2
Limit number of overnight visitor throughout entire wilderness	-2	-1	0	1	2
Limit party size for day users	-2	-1	0	1	2
Make cross-country party size smaller than trail travel party size	-2	-1	0	1	2
Require all overnight users to watch pre-trip leave-no-trace video	-2	-1	0	1	2
Collect overnight wilderness fees to help fund wilderness projects	-2	-1	0	1	2

Limit number of reserved permits available to commercial operators	-2	-1	0	1	2
Stock Use					
Restrict stock camping to designated stock camps	-2	-1	0	1	2
Close some trails to stock	-2	-1	0	1	2
Close subalpine areas to stock camping	-2	-1	0	1	2
Facilities and Services					
Place toilets in high use areas	-2	-1	0	1	2
Provide specialty bags for carrying out personal human waste	-2	-1	0	1	2
Require use of specialty bags for carrying out personal human waste	-2	-1	0	1	2

	Strongly Oppose	Oppose	No Opinion	Support	Strongly Support
Resource Management					
Revegetate impacted areas	-2	-1	0	1	2
Require canisters for food storage in wildlife problem areas	-2	-1	0	1	2
Require canisters for food storage throughout entire wilderness	-2	-1	0	1	2
Leave cross-country routes and unofficial trails off published maps	-2	-1	0	1	2

Topic Area 3: ACT 30 (*Variation*)

14. Research is frequently conducted in the wilderness of Olympic National Park. Please indicate the extent to which you agree or disagree with the following statements about research in the wilderness portion of the park. (*Circle one number for each item.*)

Research Activity	Strongly disagree	Disagree	No Opinion	Agree	Strongly agree
Research should be allowed in wilderness	-2	-1	0	1	2
It's acceptable to tag animals (e.g., place collars on elk) for research purposes	-2	-1	0	1	2
It's acceptable to use colored tape to mark locations for research purposes	-2	-1	0	1	2
It's acceptable to place installations (e.g., weather recorders) for research purposes	-2	-1	0	1	2
It's acceptable to use helicopters for research purposes	-2	-1	0	1	2

V. WILDERNESS VISITOR CHARACTERISTICS

This section of the questionnaire asks about you and your use of wilderness.

Topic Area 1:VISITHIS1 (*Variation)*

15. Have you ever been to a wilderness area before this trip? (*Mark one*.)
    - ○ No (*Skip to question 18 .)*
    - ○ Yes

Topic Area 3: ACT 31 (*Variation)*

16. Since your first wilderness trip, about how often have you gone on wilderness trips (including this and other wildernesses)? (*Mark one*.)
    - ○ Less than once a year
    - ○ Once a year
    - ○ 2-5 times a year
    - ○ 6-10 times a year
    - ○ More than 10 times a year

Topic Area 1: VISITHIS (*Variation)*

17. About how many other wilderness areas, besides this wilderness, have you visited?

    Number of other wilderness areas: _____

TOPIC AREA 1: VISITHIS1

18. About how many times have you been to the wilderness of Olympic National Park?

    Number of times: _____

TOPIC AREA 1: AGE3

19. What is your age? _____

TOPIC AREA 1: RESPONDENTS' CHARACTERISTICS AND KNOWLEDGE

20. What is your zip code? _____

TOPIC AREA 1: GEND1

21. Are you ___ male or ___ female? (*Mark one*.)

TOPIC AREA 2 - TRIP PLANNING (*Variation)*

22. Did you or any member of your group obtain a wilderness permit for your current visit to the wilderness of Olympic National Park? (*Mark one*.)

    - ○ Yes
    - ○ No
    - ○ I don't know

TOPIC AREA 1: RACE/ETH5

23. In what ethnicity and race would you place yourself? (*Circle one number for ethnicity and race*.)

Ethnicity:

1 HISPANIC OR LATINO
2 NOT HISPANIC OR LATINO

Race: (*Circle one or more*)

1 AMERICAN INDIAN OR ALASKA NATIVE
2 ASIAN
3 BLACK OR AFRICAN AMERICAN
4 NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER
5 WHITE

TOPIC AREA 1: ED2

24. What is the highest level of formal education you have completed? *(Please mark only one.)*

○ Less than high school
○ Some high school
○ High school graduate
○ Vocational/trade school certificate
○ Some college
○ Two-year college degree
○ Four-year college degree
○ Masters Degree
○ Ph.D., M.D., J.D., or equivalent

THANK YOU FOR YOUR PARTICIPATION