OMB Control Number: 0648-xxxx

 Expiration Date: xx/xx/xxxx

**Survey: Knowledge, Attitudes, and Perceptions of Hawaii’s**

**South Kohala Coral Reef Priority Site**

***TO BE READ BY SURVEYOR:***

Aloha, my name is \_\_\_\_\_\_\_ with \_\_\_\_\_\_\_\_\_ and we are conducting a survey about peoples’ knowledge, attitudes, and perceptions of coral reefs in this area. Do you mind if I ask you a few questions?

1. Do you live on the Big Island? **YES or NO *(If yes, go to #3; if no, go to #2)***

2. How familiar are you with the resources, uses, and management of this stretch of the coast?

 O Not at all O A little O Moderately O Very

***(If moderately or very familiar, go to #3)***

3. Are you age 18 or older? **YES or NO** (**If yes, proceed with interview)**

***IF ELIGIBLE TO PARTICIPATE:*** We’re doing this survey to gain a better understanding of peoples’ thoughts regarding coral reefs in this area – South Kohala Coast [show map of area]. The survey should take about 20 minutes and asks about your perceptions of coral reef and other resource conditions here and your attitude towards different management strategies. The goal is to provide federal and state managers and others working on plans in this area with better information from residents and users who are connected to this place. Your participation in the survey is voluntary. Your identity will remain anonymous and your responses will only be used and reported in combination with responses from other respondents.

Are you willing to participate? (I can either leave the form with you and pick it up when you’re done, or read it to you in person).

1. **SITE USE PATTERNS**
	1. **What is your primary purpose/activity for visiting the South Kohala Coast today?**

**(e.g., fishing, swimming, diving, etc.)?**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2. Approximately how many times have you visited the South Kohala Coast?**

 O First time O 2 – 10 times O 11 – 20 times O > 20 times

**a. If this is not your first time, how long have you been coming to the South Kohala Coast?**

O 1 year O 2 – 5 years O 6 – 10 years O > 10 years

**3. What times of year do you visit the South Kohala Coast?**

 Rarely or never Sometimes Often

**a.** Winter O O O

**b.** Spring O O O

**c.** Summer O O O

**d.** Fall O O O

**4. What activities do you participate in at the South Kohala Coast?**

 Rarely or never Sometimes Often

**a**. Swimming O O O

**b.** Surfing O O O

 **c.** Scuba diving O O O

**d**. Snorkeling O O O

**e**. Camping O O O

**f.** Boating (motorized) O O O

**g.** Canoeing/kayaking O O O

**h.** Sun bathing/hanging out O O O

**i.** Picnicking O O O

**j.** Marine mammal watching O O O

**k**. Thrill craft activities O O O

**l.** Aquarium fish collecting O O O

**m.** Shoreline gathering O O O

**n.** Fishing O O O

If so, which methods/gear types? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**o.** Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ O O O

1. **KNOWLEDGE ABOUT SITE CONDITIONS**

*In this section, please indicate your beliefs and opinions regarding the general condition of each resource along the South Kohala Coast (the area shown on the map). Space is provided below each of the following questions (d) to make additional comments such as conditions at particular locations along the coast or time frame for changes you’ve observed.*

**5. Coral reef conditions/health along the South Kohala Coast**

**a. How much do you know about these conditions?**

 O I don’t know anything O I know a little O I know a lot

**b. How satisfied are you with the existing condition of coral reefs here?**

O Not O Somewhat O Neutral O Somewhat O Very O I don’t know/

 Satisfied Dissatisfied Satisfied Satisfied Not sure

**c. In your opinion, the condition of coral reefs along the South Kohala Coast is:**

O Declining O Staying the same O Improving O I don’t know/

 Not sure

**d. Additional comments about coral reef conditions/health along the South Kohala Coast:**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **6. Fish abundance (number or quantity of fish) in the coral reef areas along the South Kohala Coast**

**a. How much do you know about the existing number of fish here?**

 O I don’t know anything O I know a little O I know a lot

**b. How satisfied are you with the existing number of fish along the South Kohala Coast?**

O Not O Somewhat O Neutral O Somewhat O Very O I don’t know/

 Satisfied Dissatisfied Satisfied Satisfied Not sure

 **c. In your opinion, the number of fish along the South Kohala Coast is:**

O Declining O Staying the same O Increasing O I don’t know/

 Not sure

**d. Additional comments about fish abundance along the South Kohala Coast:**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **7. Fish diversity (number of species or types of fish present) in the coral reef areas along the South Kohala Coast**

**a. How much do you know about the diversity of fish here?**

 O I don’t know anything O I know a little O I know a lot

**b. How satisfied are you with the existing diversity of fish along the South Kohala Coast?**

O Not O Somewhat O Neutral O Somewhat O Very O I don’t know/

 Satisfied Dissatisfied Satisfied Satisfied Not sure

**c. In your opinion, fish diversity along the South Kohala Coast is:**

O Declining O Staying the same O Increasing O I don’t know/

 Not sure

**d. Additional comments about fish diversity along the South Kohala Coast:**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**8. Water quality along the South Kohala Coast**

**a. How much do you know about water quality here?**

 O I don’t know anything O I know a little O I know a lot

**b. How satisfied are you with the existing water quality along the South Kohala Coast?**

O Not O Somewhat O Neutral O Somewhat O Very O I don’t know/

 Satisfied Dissatisfied Satisfied Satisfied Not sure

**c. In your opinion, water quality along the South Kohala Coast is:**

O Declining O Staying the same O Improving O I don’t know/

 Not sure

**d. Any additional comments about water quality along the South Kohala Coast:**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **9. Habitat for monk seal resting/sea turtle nesting along the South Kohala Coast**

**a. How much do you know about these habitats here?**

 O I don’t know anything O I know a little O I know a lot

**b. How satisfied are you with the existing condition of these habitats along the South Kohala Coast?**

O Not O Somewhat O Neutral O Somewhat O Very O I don’t know/

 Satisfied Dissatisfied Satisfied Satisfied Not sure

**c. In your opinion, the condition of these habitats along the South Kohala Coast is:**

O Declining O Staying the same O Improving O I don’t know/

 Not sure

**d. Additional comments about habitat for monk seal resting/sea turtle nesting along the South Kohala Coast:**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **10. Watershed conditions/health in areas upland from the South Kohala Coast**

**a. How much do you know about these watershed conditions here?**

 O I don’t know anything O I know a little O I know a lot

**b. How satisfied are you with the existing condition of watersheds along the South Kohala Coast?**

O Not O Somewhat O Neutral O Somewhat O Very O I don’t know/

 Satisfied Dissatisfied Satisfied Satisfied Not sure

**c. In your opinion, the condition of watersheds along the South Kohala Coast is:**

O Declining O Staying the same O Improving O I don’t know/

 Not sure

**d. Additional comments about watershed conditions/health along the South Kohala Coast:**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**11. Conflicts between resource uses or users along the South Kohala Coast**

**a. How much do you know about the presence of conflicts here?**

 O I don’t know anything O I know a little O I know a lot

**b. How would you describe the existing level of conflicts along the South Kohala Coast?**

O High O Medium O Low O I don’t know/not sure

**c. In your opinion, the level of conflict along the South Kohala Coast is:**

O Declining O Staying the same O Increasing O I don’t know/

 (fewer and/or (more and/or Not sure

 less serious more serious

 conflicts) conflicts)

**d. Additional comments about conflicts along the South Kohala Coast:**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**12. Facilities along the South Kohala Coast**

**a. How much do you know about public use facilities along the South Kohala Coast?**

 O I don’t know anything O I know a little O I know a lot

**b. How satisfied are you with the existing facilities along the South Kohala Coast?**

O Not O Somewhat O Neutral O Somewhat O Very O I don’t know/

 Satisfied Dissatisfied Satisfied Satisfied Not sure

**c. In your opinion, the number/type/condition of the facilities along the South Kohala Coast is:**

O Declining O Staying the same O Improving O I don’t know/

 Not sure

**d. What changes would you like to see in the number, type, or condition of public use facilities along the South Kohala Coast?**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**13. Where do you get your information about coral reefs along the South Kohala Coast? (Please be specific: e.g., name of newspaper, web site, specific community group, etc.)**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**a. Which of these do you rely on most?** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**III. POTENTIAL THREATS TO RESOURCES IN THE SOUTH KOHALA COAST**

**14. Shoreline alteration and development**

**a. What is the level of shoreline alteration and development?**

O None/very little O Moderate O Extensive O I don’t know/

 Not sure

**b. To what extent do you feel it is a threat to the coral reefs in the area?**

O Not at all O Minor O Major O I don’t know/

 a threat threat threat Not sure

**c. If you believe this is a threat, are there any specific locations or types of development that you feel are especially a problem? If so, please specify:**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**15. Fish feeding**

**a. To what extent is it occurring?**

O Not at all O A little O A lot O I don’t know/

 Not sure

**b. To what extent do you feel it is a threat to the coral reefs in the area?**

O Not at all O Minor O Major O I don’t know/

 a threat threat threat Not sure

**c. If you believe this is a threat, are there any specific locations where you feel this is especially a problem? If so, please specify:**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**16. Introduction or existence of invasive species (such as fish or algae)**

**a. To what extent are they present/being introduced?**

O Not at all O A little O A lot O I don’t know/

 Not sure

**b. To what extent do you feel it is a threat to the coral reefs in the area?**

O Not at all O Minor O Major O I don’t know/

 a threat threat threat Not sure

**c. If you believe this is a threat, are there any specific locations or species that you feel are especially a problem? If so, please specify:**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**17. Storms (high winds and waves)**

**a. To what extent do you feel they are a threat to the coral reefs in the area?**

O Not at all O Minor O Major O I don’t know/

 a threat threat threat Not sure

**b. If you believe this is a threat, are there any specific locations where you feel this is especially a problem? If so, please specify:**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**18. Climate change effects on ocean conditions (Increasing temperatures, seal level, and acidity)**

**a. To what extent is it occurring?**

O Not at all O A little O A lot O I don’t know/

 Not sure

**b. To what extent do you feel it is a threat to the coral reefs in the area?**

O Not at all O Minor O Major O I don’t know/

 a threat threat threat Not sure

**c. If you believe this is a threat, are there any specific locations where you feel this is especially a problem? If so, please specify:**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**19. Erosion/sedimentation from uplands**

**a. To what extent is it occurring?**

O Not at all O A little O A lot O I don’t know/

 Not sure

**b. To what extent do you feel it is a threat to the coral reefs in the area?**

O Not at all O Minor O Major O I don’t know/

 a threat threat threat Not sure

**c. If you believe this is a threat, are there any specific locations or sources that you feel are especially a problem? If so, please specify:**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**20. Chemical pollution from uplands (e.g., from batteries, paints, pesticides, herbicides)**

**a. To what extent is it occurring?**

O Not at all O A little O A lot O I don’t know/

 Not sure

**b. To what extent do you feel it is a threat to the coral reefs in the area?**

O Not at all O Minor O Major O I don’t know/

 a threat threat threat Not sure

**c. If you believe this is a threat, are there any specific locations or sources of pollution that you feel are especially a problem? If so, please specify:**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**21. Organic pollution from uplands (e.g., animal and human waste)**

**a. To what extent is it occurring?**

O Not at all O A little O A lot O I don’t know/

 Not sure

**b. To what extent do you feel it is a threat to the coral reefs in the area?**

O Not at all O Minor O Major O I don’t know/

 a threat threat threat Not sure

**c. If you believe this is a threat, are there any specific locations or sources of pollution that you feel are especially a problem? If so, please specify:**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**22. Unsustainable or inappropriate fishing practices**

**a. To what extent is it occurring?**

O Not at all O A little O A lot O I don’t know/

 Not sure

**b. To what extent do you feel it is a threat to the coral reefs in the area?**

O Not at all O Minor O Major O I don’t know/

 a threat threat threat Not sure

**c. If you believe this is a threat, are there any specific locations or practices (whether legal or illegal) that you feel are especially a problem? If so, please specify:**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**23. Unsustainable or inappropriate coastal and marine recreational use (e.g, poor diving practices or boat operation by individuals and/or commercial operators)**

**a. To what extent is it occurring?**

O Not at all O A little O A lot O I don’t know/

 Not sure

**b. To what extent do you feel it is a threat to the coral reefs in the area?**

O Not at all O Minor O Major O I don’t know/

 a threat threat threat Not sure

**c. If you believe this is a threat, are there any specific locations or practices that you feel are especially a problem? If so, please specify:**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**24. Have you ever observed an individual violating a fishing, boating, or resource law along the South Kohala Coast?** YES NO

**a.** If **yes**, what was the infraction? (e.g., dumping, illegal fishing) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**b**. Did you report it to anyone? O Yes, I reported it to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

O No, I did not report it

**c.** What was the outcome of this observation/reporting? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**25. Do you have any additional comments about these threats? Please write below.**

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **MANAGEMENT STRATEGIES**

*Listed below are a number of types of activities that could be undertaken or strengthened to improve resources along the South Kohala Coast and the associated watershed. For each activity, indicate how much you would support or oppose its implementation. Consider both the positive and negative impacts (for example, additional spending or restricting use).*

**26. Establish community-based subsistence fishing areas for the purpose of reaffirming and protecting fishing practices customarily and traditionally exercised for purposes of native Hawaiian subsistence, culture, and religion**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**27. Create new marine protected areas (no fishing allowed)**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**28. Change management of existing marine protected areas**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**a.** What would you like to see changed? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**29. Establish and train community education groups, such as Makai Watch**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**30. Increase enforcement officer presence**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**31. Increase signs describing regulations**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**32. Increase fencing and remove feral pigs, goats, and sheep in upland areas**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**33. Improve injection well and wastewater treatment facilities**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**34. Increase outreach and education (educate users and area residents regarding regulations, and encourage community involvement)**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**35. Develop an online system for public to report illegal activities**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**36. Engage local businesses and hotels in management processes and develop education materials for guests/tourists**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**37. Remove invasive marine species (such as fish and algae)**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**38. Remove non-native vegetation in coastal areas**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**39. Plant vegetation in barren areas to reduce runoff**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**40. Install sediment traps (and use other strategies) to reduce sediment and nutrient runoff from the land**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**41. Establish a recreational fishing license program with revenue dedicated to fisheries management**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**42. Change fishing regulations**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**a.** What would you like to see changed? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**43. Change regulations for other (non-fishing) recreational activities**

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**a.** What would you like to see changed? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**44. Other:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

O Strongly O Oppose O Neutral O Support O Strongly O I don’t know/

 oppose support Not sure

**45. Of these management strategies, which would be your top 3 priorities? Please write the numbers here.**

\_\_\_\_\_\_ \_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

1. **MARINE MANAGED AREAS**

**46. How familiar are you with any specially managed marine areas (such as Fish Replenishment Areas, Fisheries Management Areas, Marine Life Conservation Districts) in the South Kohala Coast area?**

O Not at all O A little O Very O Extremely

**47. Indicate your level of agreement or disagreement with the following statements about marine managed areas in the South Kohala Coast:**

**a. Marine managed areas in general are an effective tool for conserving coral reef fish and habitat.**

O Strongly O Disagree O Neutral O Agree O Strongly O I don’t know/

 disagree agree Not sure

**b. I would support marine managed areas even if they restricted my ability to use this area.**

O Strongly O Disagree O Neutral O Agree O Strongly O I don’t know/

 disagree agree Not sure

**c. There are strategies other than marine managed areas that would be more effective for conserving coral reef fish and habitat in the South Kohala Coast.**

O Strongly O Disagree O Neutral O Agree O Strongly O I don’t know/

 disagree agree Not sure

**d. If you feel there are other strategies that would be more effective for management in this area, please specify**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **BENEFITS/SERVICES**

**48. How would you rate the level of importance of the following potential benefits to you from the coral reefs in South Kohala Coast?**

**a. Food resources**

 O Not at all O Somewhat O Neutral O Somewhat O Extremely O I don’t know/

 Important unimportant important important Not sure

**b. Income/economic benefit**

 O Not at all O Somewhat O Neutral O Somewhat O Extremely O I don’t know/

 Important unimportant important important Not sure

**c. Sense of community**

 O Not at all O Somewhat O Neutral O Somewhat O Extremely O I don’t know/

 Important unimportant important important Not sure

**d. Cultural benefits**

 O Not at all O Somewhat O Neutral O Somewhat O Extremely O I don’t know/

 Important unimportant important important Not sure

**e. Recreational benefits**

 O Not at all O Somewhat O Neutral O Somewhat O Extremely O I don’t know/

 Important unimportant important important Not sure

**f. Aesthetic value**

 O Not at all O Somewhat O Neutral O Somewhat O Extremely O I don’t know/

 Important unimportant important important Not sure

**g. Benefits from knowing it exists (existence value)**

 O Not at all O Somewhat O Neutral O Somewhat O Extremely O I don’t know/

 Important unimportant important important Not sure

**h. Shoreline protection**

 O Not at all O Somewhat O Neutral O Somewhat O Extremely O I don’t know/

 Important unimportant important important Not sure

**i. Habitat for fish and other species**

 O Not at all O Somewhat O Neutral O Somewhat O Extremely O I don’t know/

 Important unimportant important important Not sure

**j. Personal physical and spiritual health**

 O Not at all O Somewhat O Neutral O Somewhat O Extremely O I don’t know/

 Important unimportant important important Not sure

1. **KNOWLEDGE OF PLANNING ACTIVITIES**

**49. Before this survey, were you aware of any conservation planning efforts for the South Kohala Coast being developed by local residents and a number of other agencies?**

YES or NO

**50. Are you a participant in any of these processes?** YES or NO

1. **DEMOGRAPHIC INFORMATION**

**51. Where do you live? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Zip code: \_\_\_\_\_\_\_\_\_\_\_**

**52. Are you a member of any local or regional organizations, community groups, or clubs that are involved with marine or watershed resources in the South Kohala Coast?**

 YES or NO

**a. If so, which one(s)?** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**53. What is your age group?**

O Less than 25 years O 45 to 54 years

O 25 to 34 years O 55 to 64 years

O 35 to 44 years O More than 64 years

**54. What is your gender?**

O Male O Female

**55. Are you of Hispanic, Latin, or Spanish origin?**

O No, not of Hispanic, Latino, or Spanish origin

O Yes, Mexican, Mexican American, Chicano

O Yes, Puerto Rican

O Yes, Cuban

O Yes, another Hispanic, Latino, or Spanish Origin

**56. How would you describe your race background?** *(check all that apply)*

O Guamanian or Chamorro O Filipino

O Native Hawaiian O Samoan

O Other Asian or Pacific Islander (specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

O White O Black/African American

O Chinese O Japanese

O Korean O Vietnamese

O Asian Indian O American Indian or Alaska Native

O Other (specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**VIII. OTHER**

**57. Please write any other thoughts or opinions you’d like to share with us regarding the management of the marine and watershed resources in the South Kohala Coast.**

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**58. Would you like to receive a copy of the final report of this study?** YES or NO

**59. Would you like to be kept informed of opportunities to participate in management activities in the South Kohala Coast?**

YES or NO

If you answered YES to either of these questions, please write an email or mailing address on the sheet provided by the surveyor, who will keep them separate from your survey responses.

THANK YOU! ☺

Public reporting burden for this collection of information is estimated to average 20 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other suggestions for reducing this burden to Risa Oram, NOAA Pacific Islands Fisheries Science Center, 1601 Kapiolani Blvd. Suite 1000, Honolulu, HI 96814.

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