

# HEALTH IMPACT ASSESSMENT OF THE PROPOSED MO'OMOMI COMMUNITY-BASED SUBSISTENCE FISHING AREA

## APPENDIX A: QUALITATIVE INTERVIEW GUIDE AND SURVEY

### Four Main Areas:

- Fish/marine resource consumption
- Ability to practice traditional marine activities and transmit traditional practices to subsequent generations
- Self-determination/sovereignty over resources
- Fish/marine resource sales (Livelihood–subsistence vs. artisanal)

### Introduction/Background

1. Can you tell me a little about your family background? Where you and your family are from?
2. Can you describe your personal association with the Mo'omomi CBSFA and how that place affects your life (directly or indirectly)?
3. What value does the Mo'omomi CBSFA have for you/for Molokai? Does this area have a boundary and what is that to you?

### Ability to Practice Traditional Marine Activities

1. Can you describe cultural/traditional practices that are associated with the Mo'omomi CBSFA? (Specifically to participant and then more generally) Who accesses the Mo'omomi CBSFA and for what reasons? [a-e to be asked as triggers]
  - a. **Fishing:** (What type of fishing method? What fish? Where are they found? Frequency of fishing and who do you do this activity with? Purpose of fishing? What time of year? Why at Mo'omomi?)
  - b. **Limu gathering:** (What type of fishing method? What limu? Where are they found? Frequency of practice and who do you do this activity with? Purpose of fishing? What time of year? Why at Mo'omomi?)
  - c. **Lā 'au lapa'au:** (What type of lapa'au practice? Where are resources found? Frequency of practice and who do you do this activity with? Why at Mo'omomi?)
  - d. **Religious/spiritual/huaka'i:** (Describe religious practice? Where practiced? Frequency of practice and who do you do this activity with? Why at Mo'omomi?)

- e. **Paddling/Sailing/Swimming/Diving/Recreation:** (Describe practice? Where practiced? Frequency of practice and who do you do this activity with? Purpose of practice? Why at Mo'omomi?)
  - f. **Mo'olelo:** (What mo'olelo are associated with the Mo'omomi CBSFA? What significance do these stories carry for you and who do you share them with?)
  - g. **Others? Opihi/lobster/ahi/octopus**
2. Are there cultural protocol for accessing the CBSFA that you know of? What are these protocol?
  3. What is the significance of these **cultural practices** to your life?
  4. Do these practices affect your health and in what ways do they affect your health?
  5. Do you or your family depend on the resources of the Mo'omomi CBSFA? How are you dependent on these resources? In what ways do other people in your community depend on these resources?

### **Transmitting Cultural Knowledge/Education**

Can we talk more about the perpetuation of the cultural knowledge, practices, and resources that you described...

1. Is the transmission of traditional knowledge and practices to younger generations important to you? Please explain?
2. Can you explain how the transmission of traditional fishing practices is currently happening today in Molokai and how this knowledge is passed on and kept alive?
3. What role does the Mo'omomi CBSFA play in this process?
4. Do you have a sense for how the younger generation feels about the Mo'omomi CBSFA rule-making process and their role in this process? Please explain.
5. How would the approval of the CBSFA community-based rules affect this intergenerational sharing of knowledge?

### **Self-Determination/Sovereignty over Resources**

1. What does self-sufficiency mean to you?  
Can we talk about subsistence? Moloka'i is known in Hawai'i to have a higher level of subsistence than any other community...

2. What is the value of subsistence (how important) for families in Molokai? Can you describe the subsistence lifestyle? [Follow-up question..what other reasons other than to feed your family, are products from the CBSFA used for?]
3. How does subsistence affect your health and well-being? Of the people of Moloka'i?
4. Can you tell me about the CBSFA project and what value does it have to Molokai as a community? As an island? To the state of Hawai'i? To Hawaiian people? [Follow-up Question] Are there other reasons beyond protecting the marine resources and traditional fishing practices that the CBSFA may hold for Molokai as a community?

### **Rules**

1. How involved have you been in the CBSFA initiative and what has been your role in that process?
2. Who are the main actors in this CBSFA process?
3. Can you explain how the rules were formed and to what degree did the Molokai community participate in that process? Please explain.
4. Do you have a sense of the general sentiments that people of Molokai have about the CBSFA being managed by the community? How has it affected community relationships? Between people of Molokai and those not from the island? Between the State of Hawai'i (DLNR) and the people of Moloka'i? Does the CBSFA unite or divide the Molokai community?
5. To your knowledge, does Molokai have an existing community-based structure in place to manage rules of access and use at Mo'omomi? Does Moloka'i have the capacity to self-govern and enforce these rules?

### **Potential Impacts of Community-Based Rules**

If rules to manage access and use of the CBSFA are established and enforced by the community legally [as opposed to existing state management of the ocean in Hawai'i]:

1. How will this affect your health and well-being? (& Moloka'i people)? Your level of physical activity? Frequency/nature of at-risk behavior (eg., smoking/drugs/alcohol) of Molokai residents?

2. How will this affect food security on Molokai? The ability of people to be self-sufficient?
3. How will this affect your fish consumption? (& Moloka'i people)?
4. How will this affect your ability to carry out your traditional practices? (& Moloka'i people)? Intergenerational transmission of this knowledge?
5. How will this affect your sense of connection to place? Your relationship to the ocean (& Molokai people)? Your identity?

### **Recommendations**

1. Do you have any recommendations for how administrative rules for managing the CBSFA could be improved to better protect the resources of the Mo'omomi CBSFA?
2. Do you have any recommendations regarding issues of access? Please explain.
3. Do you have any other mana'o or recommendations that you feel strongly about that you would like to share concerning the CBSFA?

Aloha! Please fill out this short survey to help us understand where people are getting their food from on Moloka'i. Mahalo nui loa for your kōkua.

|   |                          |
|---|--------------------------|
| Date of Birth: _____                      | Are you Hawaiian? Yes No |
| Area in Moloka'i you identify with: _____ | Gender: M F              |
| Number of people in your household: _____ |                          |

1. Approximately how many meals does your household usually eat per week that contain items (frozen or fresh) caught or grown locally in Moloka'i by you, a member of your 'ohana, or close friend? (e.g., fish, 'opihi, deer, pig, kalo, 'uala, poi, etc.)
2. Approximately how many meals does your household usually eat per week that contain marine products (frozen or fresh) caught locally in Moloka'i by you, a member of your 'ohana, or close friend? (fish dependence)
3. How many of those meals in Question #2 come from marine products caught by someone outside of your household that was given to you through aloha/barter/gift exchange? (traditional exchange)
4. How many of those meals in Question #2 come from marine products that you buy from a local fisherman/market? (sale)
5. In the last month, approximately what percentage of your household income came from the sale of marine products caught at the Mo'omomi Community-Based Subsistence Fishing Area? (income)  
\_\_\_\_\_ %
6. If you fish, gather limu, pick 'opihi, or collect lobster/crab and invertebrates at the Mo'omomi CBSFA, what are they used for? Circle all that apply. (Use/consumption)
  - a. Feed my family
  - b. Family/community events eg., birthday lū'au, funeral, wedding etc
  - c. Sell for cash
  - d. Exchange for other resources with family & friends
  - e. Other \_\_\_\_\_

7. Do you eat less fish caught in Moloka'i now compared to 10 years ago? (Change)
  - a. Yes
  - b. No
  - c. No change
  
8. How would you rate your health? (Health perception)
  - a. Excellent
  - b. Very good
  - c. Good
  - d. Fair
  - e. Poor
  
9. Please indicate how this statement best applies to you:  
"The ability to provide food for my family from the land (eg., through hunting, fishing, farming), is important to me." (Identity/Values)
  - a. Strongly Agree
  - b. Agree
  - c. Neutral
  - d. Disagree
  - e. Strongly Disagree