NOTICE OF OFFICE OF MANAGEMENT AND BUDGET ACTION

Date 10/25/2012

Department of Commerce
National Oceanic and Atmospheric Administration
FOR CERTIFYING OFFICIAL: Simon Szykman
FOR CLEARANCE OFFICER: Diana Hynek

In accordance with the Paperwork Reduction Act, OMB has taken action on your request received 07/06/2012

ACTION REQUESTED: New collection (Request for a new OMB Control Number)
TYPE OF REVIEW REQUESTED: Regular
ICR REFERENCE NUMBER: 201206-0648-007
AGENCY ICR TRACKING NUMBER:
TITLE: Survey of Hawaii Resident Resource Users' Knowledge, Attitudes and Perceptions of Coral Reefs in Two Hawaii Priority Sites
LIST OF INFORMATION COLLECTIONS: See next page

OMB ACTION: Approved with change
OMB CONTROL NUMBER: 0648-0654
The agency is required to display the OMB Control Number and inform respondents of its legal significance in accordance with 5 CFR 1320.5(b).

EXPIRATION DATE: 10/31/2015 DISCONTINUE DATE:

BURDEN:	RESPONSES	HOURS	COSTS
Previous	0	0	0
New	400	133	0
Difference			
Change due to New Statute	0	0	0
Change due to Agency Discretion	400	133	0
Change due to Agency Adjustment	0	0	0
Change Due to Potential Violation of the PRA	0	0	0

TERMS OF CLEARANCE:

OMB Authorizing Official: Kevin F. Neyland
Deputy Administrator,
Office Of Information And Regulatory Affairs

List of ICs			
IC Title	Form No.	Form Name	CFR Citation
Knowledge, Attitudes, and Perceptions of Hawaii's South Kohala and West Maui Coral Reef Priority Sites	NA	Knowledge, Attitudes, and Perceptions of Hawaii's South Kohala and West Maui Coral Reef Priority Sites	

PAPERWORK REDUCTION ACT SUBMISSION

Please read the instructions before completing this form. For additional forms or assistance in completing this form, contact your agency's Paperwork Clearance Officer. Send two copies of this form, the collection instrument to be reviewed, the supporting statement, and any additional documentation to: Office of Information and Regulatory Affairs, Office of Management and Budget, Docket Library, Room 10102, 725 17th Street NW, Washington, DC 20503.

1. Agency/Subagency originating request
DOC/NOAA/NMFS

2. OMB control number b. [✔] None
a. 0648 - 0654

3. Type of information collection (*check one*)
a. [✔] New Collection
b. [ ] Revision of a currently approved collection
c. [ ] Extension of a currently approved collection
d. [ ] Reinstatement, without change, of a previously approved collection for which approval has expired
e. [ ] Reinstatement, with change, of a previously approved collection for which approval has expired
f. [ ] Existing collection in use without an OMB control number
For b-f, note Item A2 of Supporting Statement instructions

4. Type of review requested (*check one*)
a. [✔] Regular submission
b. [ ] Emergency - Approval requested by ____/____/____
c. [ ] Delegated

5. Small entities
Will this information collection have a significant economic impact on a substantial number of small entities? [ ] Yes [✔] No

6. Requested expiration date
a. [✔] Three years from approval date b. [ ] Other Specify:____/____

7. Title Survey of Hawaii Resident Resource Users' Knowledge, Attitudes and Perceptions of Coral Reefs in Two Hawaii Priority Sites

8. Agency form number(s) (*if applicable*) None

9. Keywords N/A

10. Abstract

This submission requests that the Office of Management and Budget (OMB) approve a new information collection consisting of a survey of Hawaii resident resource users' knowledge, attitudes, and perceptions of coral reefs in two priority sites. These priority sites are South Kohala on the Big Island (Pelekane Bay-Puako-Anaeho Omalu Bay, Hawaii) and West Maui Ka'anapali-Kahekili, Maui). This survey will help to support coral reef and watershed management actions at these sites. Information from this survey is needed to assist federal and state agencies, non-governmental organizations (NGO), and other stakeholder groups to develop management plans to conserve resources and allow for the long-term sustainability of human use of coral reefs and the associated watersheds. Additionally, the results of this survey will provide priority site managers with essential information about the population of resident users and their knowledge, attitudes, and perceptions of the resources in the priority sites. This study will supplement other types of public input into the conservation and management planning processes at the sites.

11. Affected public (*Mark primary with "P" and all others that apply with "x"*)
a. p Individuals or households d. ___ Farms
b. x Business or other for-profit e. ___ Federal Government
c. ___ Not-for-profit institutions f. ___ State, Local or Tribal Government

12. Obligation to respond (*check one*)
a. [✔] Voluntary
b. [ ] Required to obtain or retain benefits
c. [ ] Mandatory

13. Annual recordkeeping and reporting burden
a. Number of respondents 400
b. Total annual responses 400
1. Percentage of these responses collected electronically 0 %
c. Total annual hours requested 134
d. Current OMB inventory 0
e. Difference 134
f. Explanation of difference
1. Program change 134
2. Adjustment ____

14. Annual reporting and recordkeeping cost burden (*in thousands of dollars*)
a. Total annualized capital/startup costs 0
b. Total annual costs (O&M) 0
c. Total annualized cost requested 0
d. Current OMB inventory 0
e. Difference 0
f. Explanation of difference
1. Program change 0
2. Adjustment ____

15. Purpose of information collection (*Mark primary with "P" and all others that apply with "X"*)
a. ___ Application for benefits e. x Program planning or management
b. ___ Program evaluation f. p Research
c. ___ General purpose statistics g. ___ Regulatory or compliance
d. ___ Audit

16. Frequency of recordkeeping or reporting (*check all that apply*)
a. [ ] Recordkeeping b. [ ] Third party disclosure
c. [✔] Reporting
1. [ ] On occasion 2. [ ] Weekly 3. [ ] Monthly
4. [ ] Quarterly 5. [ ] Semi-annually 6. [ ] Annually
7. [ ] Biennially 8. [ ] Other (describe) One time

17. Statistical methods
Does this information collection employ statistical methods
[✔] Yes [ ] No

18. Agency Contact (person who can best answer questions regarding the content of this submission)
Name: Risa Oram
Phone: (808) 944-2124

19. Certification for Paperwork Reduction Act Submissions

On behalf of this Federal Agency, I certify that the collection of information encompassed by this request complies with 5 CFR 1320.9

NOTE: The text of 5 CFR 1320.9, and the related provisions of 5 CFR 1320.8(b)(3), appear at the end of the instructions. *The certification is to be made with reference to those regulatory provisions as set forth in the instructions.*

The following is a summary of the topics, regarding the proposed collection of information, that the certification covers:

(a) It is necessary for the proper performance of agency functions;

(b) It avoids unnecessary duplication;

(c) It reduces burden on small entities;

(d) It used plain, coherent, and unambiguous terminology that is understandable to respondents;

(e) Its implementation will be consistent and compatible with current reporting and recordkeeping practices;

(f) It indicates the retention period for recordkeeping requirements;

(g) It informs respondents of the information called for under 5 CFR 1320.8(b)(3):

- (i) Why the information is being collected;
- (ii) Use of information;
- (iii) Burden estimate;
- (iv) Nature of response (voluntary, required for a benefit, mandatory);
- (v) Nature and extent of confidentiality; and
- (vi) Need to display currently valid OMB control number;

(h) It was developed by an office that has planned and allocated resources for the efficient and effective management and use of the information to be collected (see note in Item 19 of instructions);

(i) It uses effective and efficient statistical survey methodology; and

(j) It makes appropriate use of information technology.

If you are unable to certify compliance with any of the provisions, identify the item below and explain the reason in Item 18 of the Supporting Statement.

Signature of Senior Official or designee	Date

Agency Certification (signature of Assistant Administrator, Deputy Assistant Administrator, Line Office Chief Information Officer, head of MB staff for L.O.s, or of the Director of a Program or StaffOffice)	
Signature signed by Carrie Selberg for Emily Menashes	Date 06/18/2012
Signature of NOAA Clearance Officer	
Signature signed by Sarah Brabson	Date 06/18/2012

SUPPORTING STATEMENT
SURVEY OF HAWAII RESIDENT RESOURCE (SHRR) USERS' KNOWLEDGE, ATTITUDES, AND PERCEPTIONS OF CORAL REEFS IN TWO HAWAII PRIORITY SITES
OMB CONTROL NO. 0648-XXXX

INTRODUCTION

This submission requests that the Office of Management and Budget (OMB) approve a new information collection consisting of a survey of Hawaii resident resource users' knowledge, attitudes, and perceptions of coral reefs in two priority sites. These priority sites are South Kohala on the Big Island (Pelekane Bay-Puako-Anaehoʻomalu Bay, Hawaii) and West Maui Kaʻanapali-Kahekili, Maui). This survey will help to support coral reef and watershed management actions at these sites.

The United States (U.S.) Coral Reef Task Force (USCRTF) was established in 1998 by Executive Order 13089 to lead and coordinate U.S. efforts to address the threats facing coral reefs. The Hawaii Coral Reef Working Group (CRWG), composed of key state and federal partners involved in coral reef management, was established through a local charter to provide guidance to the State of Hawaii's coral program and to implement specific ridge-to-reef management activities at priority sites. The CRWG have designated as "priority sites", those sites whose coral reef ecosystems of high biological value are threatened but have strong potential for improvement with management intervention. More detail is available in "Hawaii Coral Reef Strategy: Priorities for Management in the Main Hawaiian Islands, 2010-2020".

Information from this survey is needed to assist federal and state agencies, non-governmental organizations (NGO), and other stakeholder groups to develop management plans to conserve resources and allow for the long-term sustainability of human use of coral reefs and the associated watersheds. Additionally, the results of this survey will provide priority site managers with essential information about the population of resident users and their knowledge, attitudes, and perceptions of the resources in the priority sites. This study will supplement other types of public input into the conservation and management planning processes at the sites.

A. JUSTIFICATION

1. Explain the circumstances that make the collection of information necessary.

This request is for a new information collection.

The purpose of this data collection is to research resident users' knowledge, attitudes, and perceptions regarding coral reef and watershed conditions and alternative management strategies to protect resources at two priority sites in Hawaii. This is a unique effort to provide a voice to a sector of society that may not be adequately represented in currently established planning forums. The two priority sites are identified by the State of Hawaii's coral program and are South Kohala on the Big Island (Pelekane Bay-Puako-Anaehoʻomalu Bay) and West Maui (Kaʻanapali-Kahekili). The target audience for this survey includes local residents that use the

priority sites, such as fishermen, surfers, beach-goers, and boaters.

The identification of the two priority sites by the State of Hawaii's coral program stems from their involvement in a multiagency coral reef management effort that was codified via Executive Order 13089 with the creation of U.S. Coral Reef Task Force (USCRTF). The USCRTF co-chaired by the Secretary of the U.S Department of Interior and the Secretary of the U.S Department of Commerce through the Administrator of the National Oceanic and Atmospheric Administration (NOAA). The USCRTF is an interagency body that works to develop and implement comprehensive, multidisciplinary, and coordinated approaches to preserve and protect U.S. coral reef ecosystems, and encourage sound coral reef conservation practices globally. NOAA's Coral Reef Conservation Program (CRCP) is responsible for implementing NOAA's responsibilities as they pertain to the Coral Reef Conservation Act of 2000 and other requirements from the USCRTF. More information about the US Coral Reef Task Force can be found here: http://www.coralreef.gov/about/docs.html.

CRCP's approach is non-traditional for a Federal program in that they directly fund States, Territories and other local entities to implement actions from their priority documents, including: U.S. National Action Plan to Conserve Coral Reefs: 2000, the NOAA CRCP Goals and Objectives: 2010-2015 and the Hawaii Coral Reef Strategy of 2010-2020. The Nature Conservancy's Conservation Action Plan (CAP) for the South Kohala, Hawaii area is one example of an activity that CRCP identified and funded to implement Goal #1 of the Hawaii Coral Reef Strategy of 2010-2020: Reduce key anthropogenic threats to two priority near-shore coral reef sites by 2015 and five by 2020 using ahupuaʻa based management. A task was also identified in the Hawaii Coral Reef Strategy under this activity that states: "Conduct Knowledge Attitudes Perceptions (KAP) survey to gauge support and knowledge for Marine Managed Area (MMA) and recreation rules." Our team was approached by the Hawaii Coral Reef Working Group (the State of Hawaii Coral Program's local multi-agency management group) with a request for assistance in completing this task since we had the necessary resources and technical experience to gather the data. Our original grant proposal submitted to CRCP was funded at the full level and includes letters of support from partners. CRCP funded our proposal with the primary purpose to identify major causes and consequences of degradation of coral reef ecosystems in Hawaii from the resident resource user's perspective.

This research will inform management about resident resource users' knowledge about the natural resources at the site, perceptions of threats to these resources, and will afford managers with critical information to guide future management efforts.This unique multi-agency planning effort is genuinely interested in providing a voice to the array of resource users of these sites. The planners and managers understand that many resident resource users do not attend government planning meetings because they do not have the time, are not interested or able, or are not comfortable in a formal setting. However, these managers and planners agree that this is a critical sector of society that requires in-depth examination through a survey such as this to shed light on their knowledge, attitudes and perceptions and provide this critical piece of information as planning and implementation efforts move forward. Our projected timeframe is to begin field work as soon as possible to allow us to provide useful and timely results to the CAP process.

2. <u>Explain how, by whom, how frequently, and for what purpose the information will be used. If the information collected will be disseminated to the public or used to support information that will be disseminated to the public, then explain how the collection complies with all applicable Information Quality Guidelines</u>.

Information will be collected using a written survey distributed in-person. The survey will be conducted under contract by an individual/group skilled at survey research, and familiar with the two priority sites. The information will be collected only one time per priority site. The same questionnaire will be used at each site, except that the site name will be changed. For simplicity, the attached questionnaire uses the South Kohala site name.

The purpose of collecting this information is to inform managers and planners as they develop and implement conservation and management plans for watersheds and coral reefs at priority sites. The data will include:

- Uses of the site;
- Knowledge and attitudes regarding site conditions, perceptions of threats to those conditions;
- Attitudes toward a variety of types of ocean and coastal management tools;
- Limited demographic information about respondents, because we have found demographic characteristics to be related to beliefs, knowledge, attitudes, and behavior regarding natural resources and their management.

The survey instrument utilizes a combination of open and closed-ended questions to describe information on the topics of interest as identified during discussions with representatives from federal and state agencies, NGOs, and other stakeholder groups involved in the management of resources at the two sites. Open-ended questions inform researchers of issues that may not have otherwise come to light during a survey of only multiple choice questions. Closed-ended questions provide more detailed, representative data on a series of topics of interest to managers when considering the management strategies and plans for the priority sites.

As needed, researchers will assist in interpreting the survey data for the specific needs of the managers and a summary of results will also be available to all interested parties. Integrity of the data will be ensured prior to dissemination and independent of the specific intended distribution mechanism. The researchers will maintain objectivity by presenting the information and information products in an accurate, reliable, and unbiased manner including analytic results that are developed using commonly accepted scientific and statistical methods.

- NOAA's CRCP is responsible for implementation of their plans (U.S. National Action Plan to Conserve Coral Reefs: 2000, the NOAA CRCP Goals and Objectives: 2010-2015 and the Hawaii Coral Reef Strategy of 2010-2020). The CAP planning effort is one activity highlighted in the Hawaii Coral Reef Strategy that was funded by CRCP. The CAP planning effort is implemented in partnership with various Federal, State, non-profit and community groups at the site. Becausee each of the participating agencies has different responsibilities, they each will play a role in implementation of the plan. For example, information about people's perceptions of land-based pollution affecting coral

reefs may be addressed by Hawaii Department of Health or the U.S. Environmental Protection Agency, whereas information about people's knowledge and attitudes about fisheries resources or fisheries management options may be addressed by the State of Hawaii Department of Land and Natural Resources, Division of Aquatic Resources (HDAR). A diversified approach adhering to each agency's jurisdictional mandate is what is envisioned. Please see the following links for details about the different types of strategies the planning teams in each site have proposed to address problems with the natural resources: http://www.kaanapaliwmp.com/participate.html

- http://www.hawaiicoralreefstrategy.com/PDFs/3_Priority_Sites_Kohala/skcap_final_report.pdf

Our survey will complement the existing CAP planning effort by targeting a broader audience of resource users. This additional information from a broader array and larger number of resident resources users will provide valuable data to aid in calibrating and implementing the CAP plan. By targeting resident resource users, we will help to capture resident resource users' knowledge and perceptions about the natural resources, and their attitudes and perceptions about various management strategies that NOAA, State of Hawaii and others can take to address these issues.

It is anticipated that the information collected will be disseminated to the public or used to support publicly disseminated information. NOAA Fisheries will retain control over the information and safeguard it from improper access, modification, and destruction, consistent with NOAA standards for confidentiality, privacy, and electronic information. See response to Question 10 of this Supporting Statement for more information on confidentiality and privacy. The information collection is designed to yield data that meet all applicable information quality guidelines. Prior to dissemination, the information will be subjected to quality control measures and a pre-dissemination review pursuant to Section 515 of Public Law 106-554.

3. Describe whether, and to what extent, the collection of information involves the use of automated, electronic, mechanical, or other technological techniques or other forms of information technology.

This collection of information will use a minimum amount of information technology. Surveys will be distributed in-person on paper to be filled out by the respondent. The survey will not be available on the internet. Responses will be written and respondents will return the written surveys to survey administrators. Every effort has been made to reduce the public burden by using this method of data collection which requires no additional public burden beyond the survey administration on site (i.e. labor cost).

4. Describe efforts to identify duplication.

Researchers have examined existing materials and information sources to better understand the types of information that would be useful, including extensive conversations with the various agencies, NGOs, and other site managers. Reviews of existing information are common practice when initiating social science studies. In this review, we noted that an economic valuation study of Hawaii coral reefs was conducted by Meade and Leeworthy from National Ocean Service. However, that study did not have similar foci, goals and target audiences to our study –

objectives regarding the knowledge, attitudes, and perceptions about coral reef status and threats in priority sites, with our survey's target audience. Our project will ensure that all data collected is relevant, new, and essential for achieving the goals of this information collection.

5. If the collection of information involves small businesses or other small entities, describe the methods used to minimize burden.

Not Applicable.

6. Describe the consequences to the Federal program or policy activities if the collection is not conducted or is conducted less frequently.

If this information is not collected, managers and planners will not have available important data regarding resident and informed users' knowledge, attitudes, and perceptions related to coral reef ecosystem and watershed status and management at the priority sites. Public input will consist only of comments from those who have the time and desire to attend public meetings instead of a more systematic attempt to collect information from a wide range of area residents who actually visit the coral reef areas. Management activities implemented will have a higher likelihood of being understood and supported by the public if the views of user residents have been measured and taken into consideration. In addition, without the data resulting from this survey, managers will not have a sound basis for designing management efforts and providing desired information to the public, especially segments of the public that did not attend earlier public meetings.

7. Explain any special circumstances that require the collection to be conducted in a manner inconsistent with OMB guidelines.

Not Applicable.

8. Provide information on the PRA Federal Register Notice that solicited public comments on the information collection prior to this submission. Summarize the public comments received in response to that notice and describe the actions taken by the agency in response to those comments. Describe the efforts to consult with persons outside the agency to obtain their views on the availability of data, frequency of collection, the clarity of instructions and recordkeeping, disclosure, or reporting format (if any), and on the data elements to be recorded, disclosed, or reported.

A Federal Register Notice soliciting public comment for this data collection was published on February 22, 2012 (77 FR 10480).

During the public comment period, one set of comments was received from the Hawaii Fisheries Regulatory Review. These comments focused primarily on: 1) the impact of the survey administrator(s) on which site users will be approached for participation, and 2) the importance of ensuring questions are asked in a neutral and unbiased manner. The comments were considered carefully and the majority have been addressed in the final survey instrument and methodology. The comments and corresponding responses are detailed in Table 1.

Table 1. Comments and our responses.

Comment or concern	Our response
Comment related to screening level questions to make sure HI residents.	Addressed through redesign of screening questions.
Consider “satisfaction” of resource conditions.	We incorporated questions about the respondent's satisfaction of resource conditions into each of the questions in "Part II: Knowledge about site conditions."
Concerns about bias relating to site conditions (e.g., “unsustainable fishing practices” a loaded term and “recreational misuse” pre-supposes that misuse is occurring)	Added question on whether the respondent believes these and other threats are present or not.
Concerned about biased wording "lack of government’s ability to manage and enforce.”	Changed wording to "government’s ability to manage and enforce” to make wording more neutral.
Concerns about management strategies focusing primarily on fishing restrictions as options. Commenter wanted to see more of a balance of the types of use restrictions as options (e.g., recreational use).	Question added regarding restricting other recreational uses and an “other” option.
Suggested rewording questions about marine managed areas if they restrict the respondent’s use, would their answer remain the same?	Question added.
Concern why fishing and boating was being targeted under our old “enforcement” section and not underage drinking or something else? Suggestion that we ask whether they are familiar with resource laws that apply to the area, if no then skip.	Dropped these questions from survey.
Concern about wording for a question where we asked if the respondent wanted anything “changed” with how resources were managed.	Question modified to incorporate preference for status quo.

One response was received from Reef Relief in Florida, requesting a copy of the survey instrument. This was provided directly to the commenter.

Extensive consultation with persons outside NMFS was conducted to obtain their views on the availability of data, frequency of data collection, clarity of the instructions and recordkeeping, disclosure or reporting format, and on the data elements to be recorded, disclosed, or reported. Discussions with site managers, planners and other interested stakeholders provided information on existing data and the need for a more detailed, representative study as is proposed in this information collection.

9. Explain any decisions to provide payments or gifts to respondents, other than remuneration of contractors or grantees.

No payments or gifts will be given to respondents.

10. Describe any assurance of confidentiality provided to respondents and the basis for assurance in statute, regulation, or agency policy.

As stated in the introductory explanation in the survey instrument, respondents will be assured that responses will be confidential, consistent with the MSA, Section 402(b). Their responses will be analyzed only in combination with other responses received and their names or other identifying personal characteristics will not be available or associated with any of their responses. When individuals are provided a copy of the survey instrument, the initial page of the survey will contain the following statement:

Your identity will remain anonymous and your responses will only be used and reported in combination with responses from other respondents.

11. Provide additional justification for any questions of a sensitive nature, such as sexual behavior and attitudes, religious beliefs, and other matters that are commonly considered private.

The survey instrument does not contain questions of a sensitive nature, such as sexual behavior and attitudes, religious belief and other matters that are commonly considered private.

12. Provide an estimate in hours of the burden of the collection of information.

The total burden as shown in Table 2 is 67 hours for each site, a total of 134 hours (rounded down to 133 in ROCIS).

Table 2. Estimated annualized burden hours.

Sample Survey Respondents	No. of Respondents	No. Responses per Respondent	Average Burden Hours per Response (hours)	Burden Hours
Pelekane Bay-Puako-Anaehoʻomalu Bay, Hawaiʻi	200	1	20 minutes	67
Ka'anapali-Kahekili, Maui	200	1	20 minutes	67

13. Provide an estimate of the total annual cost burden to the respondents or record-keepers resulting from the collection (excluding the value of the burden hours in Question 12 above).

No additional cost burden will be imposed on respondents aside from the burden hours indicated in the response to Question 12.

14. <u>Provide estimates of annualized cost to the Federal government</u>.

The total cost to the Government for collecting these data consists of a contract to collect the information, including managing survey administrators on site and time to administer the survey. The total estimated cost is $30K, $15K for FY 2012 and $15K for FY 2013.

15. <u>Explain the reasons for any program changes or adjustments</u>.

This is a new information collection.

16. <u>For collections whose results will be published, outline the plans for tabulation and publication</u>.

The data are not intended for publication for statistical use by other agencies or the general public. Data will be analyzed using standard social science quantitative and qualitative data analysis methods, including basic statistical measures, including totals, means, and medians. While standard errors and hypothesis testing will be part of the tabulation plan and published results, the main objective of this study is to develop qualitative measures to guide the future management and conservation actions and development and administration of management plans at each of the priority sites (Pelekane Bay-Puako-Anaeho‘omalu Bay, Hawaii and Ka’anapali-Kahekili, Maui).

Final reports, brochures, and other relevant portions of the research process will be posted on the appropriate section of the NOAA Fisheries Pacific Islands Fisheries Science Center web site. In addition, the researchers will develop a summary of results and distribute it to interested parties. Where relevant, studies in the entirety may be published as internal reports or in part may be submitted for publication in journals to encourage peer review of data collected through this process as well as to disseminate findings. We will also prepare and distribute summaries of the research results to partners and at public meetings.

17. <u>If seeking approval to not display the expiration date for OMB approval of the information collection, explain the reasons why display would be inappropriate</u>.

Not Applicable.

18. <u>Explain each exception to the certification statement</u>.

Not Applicable.

SUPPORTING STATEMENT
SURVEY OF HAWAII RESIDENT RESOURCE (SHRR) USERS' KNOWLEDGE, ATTITUDES, AND PERCEPTIONS OF CORAL REEFS IN TWO HAWAII PRIORITY SITES
OMB CONTROL NO. 0648-XXXX

B. COLLECTIONS OF INFORMATION EMPLOYING STATISTICAL METHODS

1. Describe (including a numerical estimate) the potential respondent universe and any sampling or other respondent selection method to be used. Data on the number of entities (e.g. establishments, State and local governmental units, households, or persons) in the universe and the corresponding sample are to be provided in tabular form. The tabulation must also include expected response rates for the collection as a whole. If the collection has been conducted before, provide the actual response rate achieved.

This is planned as an intercept survey of residents who are visiting and using the coastal areas in Hawaii's two coral reef priority sites. The potential respondent universe consists of all island residents who visit and use the coastlines of each priority site, plus knowledgeable repeat visitors as defined explicitly by a screening question. This is an unknown population size. However, we do know that according to the 2010 census, Hawaii County, where the South Kohala priority site is located, has a population size of 185,079 and Maui County, where the Kahekili priority site is located, has a population of 154,834.

It is unclear how many of these residents visit and use the priority sites. Respondents for the intercept survey will be selected based on their presence in key locations in the two priority sites. This study will include only those respondents who are at least 18 years of age and who are residents of Hawaii or Maui counties, plus knowledgeable repeat visitors as defined explicitly by a screening question. Table 1 tabulates the anticipated aggregate number of completed intercept surveys, based on an anticipated response rate of 80%. This is comparable to the rate demonstrated in a recent onsite survey of visitors to Hawaii beaches conducted by NOAA Fisheries in 2010 (OMB Control No. 0648-0617, Survey of Public Perceptions and Attitudes about Hawaiian Monk Seals).

Table 1. Intercept surveys for resident users and anticipated number of completion.

Approximate Number of Eligible Respondents Contacted	Anticipated Response Rate	Number Completed
500	80%	400

The survey is intended to be used as a research tool to gather information regarding opinions and behaviors, and although statistical information is important it is not imperative that results are quantified with a certain confidence interval or significance. Descriptive statistics will be used to develop the analyses necessary to interpret the results in a manner that may be translated into developing effective messages for education and outreach campaigns, guiding management

strategies for dealing with coral reef management, and indicating audiences toward which efforts should be targeted.

2. Describe the procedures for the collection, including: the statistical methodology for stratification and sample selection; the estimation procedure; the degree of accuracy needed for the purpose described in the justification; any unusual problems requiring specialized sampling procedures; and any use of periodic (less frequent than annual) data collection cycles to reduce burden.

The data collection for local residents and informed visitors will occur as an in-person survey conducted by the survey administrator using the intercept method. We will use purposive sampling (used when researchers have specific information they want to gather from each stakeholder group, and so participants from those groups are sought out) in order to ensure we collect data from a variety of resource user types and locations. Local knowledge of the coastal access points along the priority sites indicates that different types of resource users utilize different types of access points (e.g., rocky shoreline versus sandy beach) at different times of day (e.g., morning or night) in order to participate in different types of activities (e.g., fishing versus sunbathing). The survey administrator will develop a sampling design using purposive sampling in order to ensure these various resource user groups are included in our data collection, and to allow data analysis to incorporate these variables.

In order to do this, the site will be divided into different types of shoreline access points and a record of the type of use that the resource user is engaging in that day will be kept. The survey administrator will take care to adequately sample each shoreline access point in the area as well as conduct the survey over different times throughout weekdays, weekends, holidays, morning, afternoon and nights. The survey administrator will plan to gather surveys in each of these categories equally throughout the survey administration. PIFSC staff will coordinate closely with the survey administrator as surveys are collected to see if additional effort needs to be placed during certain times of day to capture that sampling time. An inventory of the types of uses and basic demographics of the people approached, and notes about presence or absence of marine managed areas adjacent to where the person was questioned, will be tracked in a checklist to ensure that the breadth of these categories is adequately covered throughout the survey administration. This data collection effort will occur at beaches, rocky shorelines, marinas, and popular fishing, surfing, and diving areas in the two priority sites. Participants will be randomly selected. The administrator will approach the nth (number will depend on interview site) passerby and inform him or her that the individual has been randomly selected, and ask if the individual would be able to complete the survey. The respondent will also have the option to give their responses verbally. If the potential respondent declines, the next individual to pass by will be asked. The survey administrators will be available to explain the survey, answer questions, and collect the written survey upon completion.

3. Describe the methods used to maximize response rates and to deal with nonresponse. The accuracy and reliability of the information collected must be shown to be adequate for the intended uses. For collections based on sampling, a special justification must be provided if they will not yield "reliable" data that can be generalized to the universe studied.

The survey instrument and the survey implementation incorporate a number of elements to help maximize response rates. The surveys are user-friendly, with clear, easy to comprehend questions. The survey topics are expected to be salient and interesting to respondents. Each survey makes ample use of listing options to allow the respondent to answer by checking the appropriate boxes, which may aid in recall and analysis. In addition, the in-person survey administration increases the response rate compared to other methods such as mail or phone surveys.

Each questionnaire is short enough to complete in 20 minutes or less. Respondents will be approached while they are at their destination within the sites and provided with a survey form they can complete at their leisure, to be collected by the interviewer. Interviewers also will administer the survey to the person if requested, providing an additional option. The interviewers will be local residents who are familiar with the settings and activities that take place there so they will be viewed as friendly and knowledgeable. Interviewers will keep a record of non-response among eligible respondents, including the location, gender of non-respondent, and activity participation, to allow researchers to detect any apparent patterns in non-response and incorporate those patterns in the analyses.

The primary goal is to obtain a general assessment of the level of knowledge and the opinions of a broad cross-section of resident visitors rather than to be able to ensure that responses represent the broader population with a stated degree of statistical confidence.

The following non-response data will be collected from people that were approached and were qualified to be considered according to our screening questions, but refused to complete the survey.

Did they meet all screening questions to qualify to take survey?	YES	NO				
Reason for refusal	No time	It won't make a difference	Don't want to be bothered	Other (please specify)		
Type of use intended for day (record if discernible or they tell us)	Surfing	Fishing	Camping	Swimming	Lounging	Other (list)
Location						

4. Describe any tests of procedures or methods to be undertaken. Tests are encouraged as effective means to refine collections, but if ten or more test respondents are involved OMB must give prior approval.

Development of the survey instrument and methods of collection included internal reviews by NOAA Fisheries employees. Fewer than 10 people were administered the survey instrument over the course of development to determine both the amount of time necessary to complete the survey and if the questions are presented in an easy-to-understand manner.

5. Provide the name and telephone number of individuals consulted on the statistical aspects of the design, and the name of the agency unit, contractor(s), grantee(s), or other person(s) who will actually collect and/or analyze the information for the agency.

The following individuals were consulted on the statistical aspect of the survey design:

Dr. Stewart Allen
NMFS Pacific Islands Fisheries Science Center
Honolulu, HI
(808) 944-2186

The following individuals will analyze the information for the agency:
Risa Oram
NMFS Pacific Islands Fisheries Science Center
Honolulu, HI
(808) 944-2124

Cindy Grace-McCaskey
NMFS Pacific Islands Fisheries Science Center
Honolulu, HI
(808) 944-2121

NOAA/NMFS Project Officer

Risa Oram
NOAA Fisheries Pacific Islands Fisheries Science Center
1601 Kapiolani Blvd. Suite 1000
Honolulu, HI 96814
(808) 944-2124
Risa.Oram@noaa.gov

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).

I. 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

II. 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 Satisfied O Somewhat Dissatisfied O Neutral O Somewhat Satisfied O Very Satisfied O I don't know/ 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 Satisfied O Somewhat Dissatisfied O Neutral O Somewhat Satisfied O Very Satisfied O I don't know/ 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 Satisfied O Somewhat Dissatisfied O Neutral O Somewhat Satisfied O Very Satisfied O I don't know/ 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 Satisfied O Somewhat Dissatisfied O Neutral O Somewhat Satisfied O Very Satisfied O I don't know/ 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 Satisfied O Somewhat Dissatisfied O Neutral O Somewhat Satisfied O Very Satisfied O I don't know/ 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 Satisfied O Somewhat Dissatisfied O Neutral O Somewhat Satisfied O Very Satisfied O I don't know/ 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 (fewer and/or less serious conflicts) O Staying the same O Increasing (more and/or more serious conflicts) O I don't know/ Not sure

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 Satisfied O Somewhat Dissatisfied O Neutral O Somewhat Satisfied O Very Satisfied O I don't know/ 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 a threat O Minor threat O Major threat O I don't know/ 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 a threat O Minor threat O Major threat O I don't know/ 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 a threat O Minor threat O Major threat O I don't know/ 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 a threat O Minor threat O Major threat O I don't know/ 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 a threat O Minor threat O Major threat O I don't know/ 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 a threat O Minor threat O Major threat O I don't know/ 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 a threat O Minor threat O Major threat O I don't know/ 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 a threat O Minor threat O Major threat O I don't know/ 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 a threat O Minor threat O Major threat O I don't know/ 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 a threat O Minor threat O Major threat O I don't know/ 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.**

_____

_____

III. 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 oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

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

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

28. Change management of existing marine protected areas

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

a. What would you like to see changed? _____

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

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

30. Increase enforcement officer presence

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

31. Increase signs describing regulations

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

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

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

33. Improve injection well and wastewater treatment facilities

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

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

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

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

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

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

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

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

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

38. Remove non-native vegetation in coastal areas

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

39. Plant vegetation in barren areas to reduce runoff

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

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

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

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

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

42. Change fishing regulations

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

a. What would you like to see changed? _____

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

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

a. What would you like to see changed? _____

44. Other: _____

O Strongly oppose O Oppose O Neutral O Support O Strongly support O I don't know/ Not sure

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

_____ _ _____ _____

IV. 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 disagree O Disagree O Neutral O Agree O Strongly agree O I don't know/ Not sure

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

O Strongly disagree O Disagree O Neutral O Agree O Strongly agree O I don't know/ 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 disagree O Disagree O Neutral O Agree O Strongly agree O I don't know/ Not sure

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

V. 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 Important O Somewhat unimportant O Neutral O Somewhat important O Extremely important O I don't know/ Not sure

b. Income/economic benefit

O Not at all Important O Somewhat unimportant O Neutral O Somewhat important O Extremely important O I don't know/ Not sure

c. Sense of community

O Not at all Important O Somewhat unimportant O Neutral O Somewhat important O Extremely important O I don't know/ Not sure

d. Cultural benefits

O Not at all Important O Somewhat unimportant O Neutral O Somewhat important O Extremely important O I don't know/ Not sure

e. Recreational benefits

O Not at all Important O Somewhat unimportant O Neutral O Somewhat important O Extremely important O I don't know/ Not sure

f. Aesthetic value

O Not at all Important O Somewhat unimportant O Neutral O Somewhat important O Extremely important O I don't know/ Not sure

g. Benefits from knowing it exists (existence value)

O Not at all Important O Somewhat unimportant O Neutral O Somewhat important O Extremely important O I don't know/ Not sure

h. Shoreline protection

O Not at all Important O Somewhat unimportant O Neutral O Somewhat important O Extremely important O I don't know/ Not sure

i. Habitat for fish and other species

O Not at all Important O Somewhat unimportant O Neutral O Somewhat important O Extremely important O I don't know/ Not sure

j. Personal physical and spiritual health

O Not at all Important O Somewhat unimportant O Neutral O Somewhat important O Extremely important O I don't know/ Not sure

VI. 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

VII. 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.

_____

_____

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.

Notwithstanding any other provisions of the law, no person is required to respond to, nor shall any person be subjected to a penalty for failure to comply with, a collection of information subject to the requirements of the Paperwork Reduction Act, unless that collection of information displays a currently valid OMB Control Number.

Request for Panel Review (the deadline for filing a Notice of Appearance is March 26, 2012); and

(c) the panel review shall be limited to the allegations of error of fact or law, including the jurisdiction of the investigating authority, that are set out in the Complaints filed in panel review and the procedural and substantive defenses raised in the panel review.

Dated: February 14, 2012.

Ellen Bohon,

United States Secretary, NAFTA Secretariat

[FR Doc. 2012–3854 Filed 2–21–12; 8:45 am]

BILLING CODE 3510–GT–P

DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

Proposed Information Collection; Comment Request; Survey of Hawaii Resident Resource Users' Knowledge, Attitudes and Perceptions of Coral Reefs in Two Hawaii Priority Sites

AGENCY: National Oceanic and Atmospheric Administration (NOAA).

ACTION: Notice.

SUMMARY: The Department of Commerce, as part of its continuing effort to reduce paperwork and respondent burden, invites the general public and other Federal agencies to take this opportunity to comment on proposed and/or continuing information collections, as required by the Paperwork Reduction Act of 1995.

DATES: Written comments must be submitted on or before April 23, 2012.

ADDRESSES: Direct all written comments to Jennifer Jessup, Departmental Paperwork Clearance Officer, Department of Commerce, Room 6616, 14th and Constitution Avenue NW., Washington, DC 20230 (or via the Internet at *JJessup@doc.gov).*

FOR FURTHER INFORMATION CONTACT: Requests for additional information or copies of the information collection instrument and instructions should be directed to Risa Oram, (808) 944–2124 or *Risa.Oram@noaa.gov*

SUPPLEMENTARY INFORMATION:

I. Abstract

The United States (U.S.) Coral Reef Task Force (USCRTF) was established in 1998 by *Executive Order 13089* to lead and coordinate U.S. efforts to address the threats facing coral reefs. The Hawaii Coral Reef Working Group (CRWG), composed of key state and federal partners involved in coral reef management, was established through a local charter to provide guidance to the State of Hawaii's coral program and to prioritize sites to implement specific ridge-to-reef management activities. Priority sites are areas where coral reef ecosystems of high biological value are threatened but have strong potential for improvement with management intervention. The current two priority sites in Hawaii are South Kohala on the Big Island (Pelekane Bay-Puako-Anaeho'omalu Bay, Hawai'i) and West Maui (Ka'anapali-Kahekili, Maui). At both sites, multiple partners are collaborating to produce conservation action plans to conserve resources and human uses.

The Human Dimensions Research Program at NOAA Fisheries Pacific Islands Fisheries Science Center is initiating a survey to support development of these conservation action plans, including management actions in watersheds and in the coral reef ecosystems in the two priority sites. The purpose of this survey is to identify resident users' knowledge, attitudes, and perceptions regarding coral reef and watershed conditions and alternative management strategies to protect resources at the two priority sites.

Information from this survey is needed to inform the conservation action planning process initiated by the State of Hawaii Department of Land and Natural Resources (DLNR), Division of Aquatic Resources (HDAR) and The Nature Conservancy (TNC) at the South Kohala site and to inform conservation and watershed planning being implemented by HDAR, The U.S. Army Corps of Engineers, and other partners at the West Maui site. Managers have indicated a more immediate need for information at the South Kohala site; therefore, we will conduct the survey there first and the survey at West Maui afterwards. The information gained from the survey will provide priority site managers with essential information about the population of resident users who can both threaten reef health and play a key role in stewardship of reef resources. Conservation planners will gain information about the threats and status of coral reefs from the resident users who interact most with those systems, and help managers identify topics for public outreach and education. A representative study of resident users' knowledge, attitudes, and perceptions will supplement broader public input into the conservation planning processes at the sites.

II. Method of Collection

Data will be collected through an intercept survey of adult residents visiting the coastal area included within the boundary of the two priority sites. Sampling will be stratified by season (wet/dry); day of the week (weekend-holiday/weekday) and time of day (morning/afternoon/evening) to account for the expected variation in use levels by residents. The target sample size is 200 respondents at each site. The only wording that would change on the surveys would be interviewer introductions to the survey and specifics about the priority site boundaries.

III. Data

OMB Control Number: None.

Form Number: None.

Type of Review: Regular submission.

Affected Public: Individuals or households.

Estimated Number of Respondents: 400.

Estimated Time per Response: 20 minutes.

Estimated Total Annual Burden Hours: 133.

Estimated Total Annual Cost to Public: $0.

IV. Request for Comments

Comments are invited on: (a) Whether the proposed collection of information is necessary for the proper performance of the functions of the agency, including whether the information shall have practical utility; (b) the accuracy of the agency's estimate of the burden (including hours and cost) of the proposed collection of information; (c) ways to enhance the quality, utility, and clarity of the information to be collected; and (d) ways to minimize the burden of the collection of information on respondents, including through the use of automated collection techniques or other forms of information technology.

Comments submitted in response to this notice will be summarized and/or included in the request for OMB approval of this information collection; they also will become a matter of public record.

Dated: February 15, 2012.

Gwellnar Banks,

Management Analyst, Office of the Chief Information Officer.

[FR Doc. 2012–3992 Filed 2–21–12; 8:45 am]

BILLING CODE 3510–22–P