

**Papahānaumokuākea Marine National Monument**  
Native Hawaiian Practices Permit Application

**NOTE:** *This Permit Application (and associated Instructions) are to propose activities to be conducted in the Papahānaumokuākea Marine National Monument. The Co-Trustees are required to determine that issuing the requested permit is compatible with the findings of Presidential Proclamation 8031. Within this Application, provide all information that you believe will assist the Co-Trustees in determining how your proposed activities are compatible with the conservation and management of the natural, historic, and cultural resources of the Papahānaumokuākea Marine National Monument (Monument).*

**ADDITIONAL IMPORTANT INFORMATION:**

- Any or all of the information within this application may be posted to the Monument website informing the public on projects proposed to occur in the Monument.
- In addition to the permit application, the Applicant must either download the Monument Compliance Information Sheet from the Monument website OR request a hard copy from the Monument Permit Coordinator (contact information below). The Monument Compliance Information Sheet must be submitted to the Monument Permit Coordinator after initial application consultation.
- Issuance of a Monument permit is dependent upon the completion and review of the application and Compliance Information Sheet.

**INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED**

Send Permit Applications to:

Papahānaumokuākea Marine National Monument Permit Coordinator

6600 Kalaniana'ole Hwy. # 300

Honolulu, HI 96825

nwhipermit@noaa.gov

PHONE: (808) 397-2660      FAX: (808) 397-2662

**SUBMITTAL VIA ELECTRONIC MAIL IS PREFERRED BUT NOT REQUIRED. FOR ADDITIONAL SUBMITTAL INSTRUCTIONS, SEE THE LAST PAGE.**

## **Papahānaumokuākea Marine National Monument Permit Application Cover Sheet**

This Permit Application Cover Sheet is intended to provide summary information and status to the public on permit applications for activities proposed to be conducted in the Papahānaumokuākea Marine National Monument. While a permit application has been received, it has not been fully reviewed nor approved by the Monument Management Board to date. The Monument permit process also ensures that all environmental reviews are conducted prior to the issuance of a Monument permit.

### **Summary Information**

**Applicant Name:** Pelika Bertelmann

**Affiliation:** Na Maka o Papahanaumokuakea

**Permit Category:** Native Hawaiian Practices

**Proposed Activity Dates:** 9/5/2013 – 9/11/2013

**Proposed Method of Entry (Vessel/Plane):** Vessel

**Proposed Locations:** Nihoa Island

**Estimated number of individuals (including Applicant) to be covered under this permit:**

Twelve (12) individuals are to be covered under this permit.

**Estimated number of days in the Monument:** 7 days

**Description of proposed activities:** (complete these sentences):

**a.) The proposed activity would...**

The proposed activities would entail conducting the third phase of Na Mo'olelo o Papahanaumokuakea project: documenting histories about Papahanaumokuakea from Kaua'i and Ni'ihau communities. Once histories are collected, cultural researchers will 'ike maka, or see for themselves, these storied places and build their relationships to the North Western Hawaiian Islands based on those histories or through the eyes of their kupuna. Activities will also help support a continued relationship between the Native Hawaiian communities and the North Western Hawaiian Islands for current and future generations.

Activities while on Nihoa and within the monument will include:

1. general observation of activities in the ocean, on island, and in the sky to gain an understanding of seasonal characteristics of place to be tracked across time and compared with other sites throughout the Hawaiian archipelago (Kure through Hawaii) that are monitored in the same way (Huli'ia).
2. Surveying of marine and terrestrial sites reconfirming oral histories and practice along with linking collected histories to physical place.

3. Conducting monitoring and assessment of various zones on the island (kahakai, pali, kula, etc) as a cultural resource within cultural contexts.
4. Mapping of agricultural terraces on the plateau between Middle and Miller valleys (Scott Kikilo'i) to document the extensive agriculture system in place on Nihoa for future restoration work or unforeseen activities (natural or human) that may impact and alter these sites.
5. Cultural use and resource gathering in regards to kilo (observers) and holomoana (voyaging) and scouting of a potential Pa nana (panana) or viewing platform to be utilized by navigators and voyagers in training.
6. Subsistence gathering to reestablish and strengthen traditional relationships to our 'aina (feeder – sustenance). Consumption feeds physical, spiritual, and cultural health rooting us in our ancestral ties and customary practices. Consumption allows us to be nurtured and nourished by place and genealogy. Our islands and the resources thriving here are older siblings and customary relationships are based on the reciprocal practice of being fed and cared for by our older siblings while we care for and “feed” them in return. Our activities while on island contribute to caring for place further supporting the traditional relationship of younger siblings caring for an elder.

The Nihoa access is a key component to the culmination of this project through the connection of stories collected by our team to our living culture and the role Nihoa still plays within our Native Hawaiian community. It is necessary for the entire group to experience this access together as one, strengthening our cultural relationship to place, attaining answers to our cultural questions, and the conducting of Native Hawaiian research. We would not be able to experience or accomplish the planned activities with expected results if our group is required to split into 2 smaller units and rotate on and off the island in shifts. We humbly ask for a waiver for our whole party of 12 to be on Nihoa at the same time collectively sharing the space, experience and research.

**b.) To accomplish this activity we would ....**

To accomplish these activities we would work as a group through our proposed 4 days on island:

1. Documenting our daily observations during evening debriefs to address seasonal characteristics of place. Observations that capture characteristics of weather, cloud and wind behavior, events associated with the sun and other celestial bodies, behavior of flora and fauna on and about the island (reproducing, migration, presence/absence, seeding, shooting, flowering), precipitation, wave action, intertidal habitat growth/reduction, congregating fish behavior, food chain observations, etc.
2. Through other proposed activities reflect on the historical accounts recorded previously to further support application and function of these histories on Nihoa and build a clearer – more tangible picture of how people lived on Nihoa and the social/natural dynamics of that lifestyle and/or experience.
3. Conducting general site based surveys of the presence and absence of elements within known Hawaiian defined zones to understand similarities/differences and potentially provide a teaching tool and resource for use in our Hawaiian communities on the natural and cultural environment of Nihoa breaking the zones up into characterizations including historic function of each zone according to the natural resources and cultural sites found.

4. Partially or completely mapping of one agriculture field system to have an extensive record of the land use and a better understanding of how the natural landscape of Nihoa was altered to best support a population, temporary or permanent.
5. Survey the island for observation platforms previously used for reading of weather in support of survival and resilience on Nihoa, navigation and voyaging.
6. Gather edible resources for subsistence and the strengthening of traditional relationships to place.

**c.) This activity would help the Monument by ...**

These activities will help the monument by explaining the function of existing habitation sites, agricultural field systems, wall structures, and other cultural sites as well as purpose and function of these cultural resources along with existing natural resources in regards to historic, Native Hawaiian history on Nihoa. It also supports and strengthens Native Hawaiian relationship with the environment, strengthening the Native Hawaiian communities tie to the North Western Hawaiian Islands and the responsibility we have in caring for our islands within the monument. These activities will also strengthen cultural and spiritual connections to the North Western Hawaiian islands and foster the expansion and perpetuation of Native Hawaiian Ecological knowledge in today's changing climate and world.

Through the various proposed activities, the monument will further be supported by addressing the four elements within Action Plan 3.1 Understanding and interpreting the NWHI management needs stated in the monument management plan: Marine conservation sciences, native Hawaiian culture and History, Historic Resources, and Maritime Heritage.

1. The desired outcome of the Marine Conservation Science Action plan will be fulfilled through contributing to understanding of the distribution, abundance and functional linkages of marine organisms and their habitats in space and time to improve ecosystem-based management. Our observation activities have been formally conducted over the past 3 years within the monument and across the entire archipelago helping us understand seasonal characteristics and natural indicators to better understand cycles in place and time helping to address conservation and management initiatives to support a healthy, balanced Hawaii.
2. The desired outcome of the Native Hawaiian Culture and History Action Plan will be fulfilled by increasing the understanding of historic activities and events within the monument as well as the understanding of cultural sites and the function of these sites in past, present and future contexts for cultural, educational, and scientific values. Our activities will further support this strategic plan by:
  - a. Identifying, prioritizing, and conducting research needs,
  - b. Conducting Native Hawaiian Access and research,
  - c. Increasing cultural resource management capacity,
  - d. Fulfilling outreach and education activities within the Native Hawaiian communities on the Main Hawaiian Islands.
3. The desired outcome of the Historic Resources Action Plan will be fulfilled by identifying and documenting historic resources within the monument through working with cultural practitioner, Dr. S. Kekuewa Kikiloi, in recording of site information,

surveying and documenting artifacts and monitoring impacts to historic sites. These activities will further support the documentation and inventorying of historic resources beyond Midway Atoll.

4. The desired outcomes of the Maritime Heritage Action Plan will be fulfilled by identifying, interpreting, and protecting maritime resources in the monument through working with cultural practitioner and pwo navigator Chadd Paishon in identifying historically used sites for training in preparation for voyages and identifying sites that can be protected for future use in training in preparation for future voyages within the monument and across the Pacific/world. The proposed product or resulting finds from these activities will also ensure the continuation of maritime activities within the monument that align with the monument management plan.

**Other information or background:**

**Section A - Applicant Information**

**1. Applicant**

Name (last, first, middle initial): Bertelmann, Pelikaokamana'o'i'o, KK

Title: Co-Founder, Na Maka o Papahanaumokuakea and Project manager

**1a. Intended field Principal Investigator (See instructions for more information):**

See above

**2. Mailing address (street/P.O. box, city, state, country, zip):**

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

For students, major professor's name, telephone and email address:

**3. Affiliation (institution/agency/organization directly related to the proposed project):**

Na Maka o Papahanaumokuakea – Project Lead  
Office of Hawaiian Affairs – Project funder  
Papahanaumokuakea Marine National Monument – Project Funder  
Keaholoa STEM Scholars Program – UH Hilo – Project Funder

**4. Additional persons to be covered by permit. List all personnel roles and names (if known at time of application) here (e.g. John Doe, Diver):**

Cultural Practitioner – Pelika Bertelmann  
Cultural Practitioner - Kaleo Bertelmann  
Cultural Practitioner – Nick Kealii Sagum  
Cultural Practitioner – Kauī Fu  
Cultural Practitioner – Kamealoha Forest  
Cultural Practitioner – Wiliama Kaohelaulii or alternate  
Cultural Practitioner – Carlos Andrade or alternate  
Cultural Practitioner – Kalei Nuuhiwa  
Cultural Practitioner – Chadd Paishon  
Cultural Practitioner – Dr. Scott Kekuewa Kikiloī  
Cultural Practitioner – Oiwī Representative  
Cultural Practitioner – Kalei Shintani or alternate

**Section B: Project Information**

**5a. Project location(s):**

<input checked="" type="checkbox"/> Nihoa Island	<input checked="" type="checkbox"/> Land-based	<input checked="" type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Necker Island (Mokumanamana)	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> French Frigate Shoals	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Gardner Pinnacles	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Maro Reef			
<input type="checkbox"/> Laysan Island	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Lisianski Island, Neva Shoal	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Pearl and Hermes Atoll	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Midway Atoll	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Kure Atoll	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Other			

**Ocean Based**

NOTE: There is a fee schedule for people visiting Midway Atoll National Wildlife Refuge via vessel and aircraft.

Location Description:

**5b. Check all applicable regulated activities proposed to be conducted in the Monument:**

- Removing, moving, taking, harvesting, possessing, injuring, disturbing, or damaging any living or nonliving Monument resource
- Drilling into, dredging, or otherwise altering the submerged lands other than by anchoring a vessel; or constructing, placing, or abandoning any structure, material, or other matter on the submerged lands
- Anchoring a vessel
- Deserting a vessel aground, at anchor, or adrift
- Discharging or depositing any material or matter into the Monument
- Touching coral, living or dead
- Possessing fishing gear except when stowed and not available for immediate use during passage without interruption through the Monument
- Attracting any living Monument resource
- Sustenance fishing (Federal waters only, outside of Special Preservation Areas, Ecological Reserves and Special Management Areas)
- Subsistence fishing (State waters only)
- Swimming, snorkeling, or closed or open circuit SCUBA diving within any Special Preservation Area or Midway Atoll Special Management Area

**6 Purpose/Need/Scope *State purpose of proposed activities:***

The purpose of the proposed activities will be to complete the third phase of Na Mo'olelo o Papahānaumokuākea project: documenting histories about Papahānaumokuākea from Kaua'i and Ni'ihau communities AND also support a continued relationship between the Native Hawaiian communities and the North Western Hawaiian Islands for current and future generations through reconnecting Hawaiian cultural practitioners with the North Western Hawaiian Islands, Papahānaumokuākea. Through the proposed activities we hope to establish and strengthen cultural ties to these islands and increase the capacity of Hawaiian communities in the Main Hawaiian Islands to extend their commitments and responsibilities to encompass our entire Hawaiian archipelago from Hawaii Island to Kure (Holaniku) Atoll.

The proposed activities are intended to honor our islands, our genealogies, and generations to come through expanding and building on the relationships we have to these islands and continuing cultural access into the monument.

**7. Answer the Findings below by providing information that you believe will assist the Co-Trustees in determining how your proposed activities are compatible with the conservation and management of the natural, historic, and cultural resources of the Monument:**

*The Findings are as follows:*

*a. How can the activity be conducted with adequate safeguards for the cultural, natural and historic resources and ecological integrity of the Monument?*

All activities proposed in this permit application were permitted in previous accesses (PMNM-2008-041 Kikiloi, PMNM-2009-021 Kikiloi-Graves, PMNM-2011-039 Kikiloi-Graves, PMNM-2012-038 Anthony, PMNM-2012-052 Springer, PMNM-2007-024 Kanahale, PMNM-2009-023 Kanahale, PMNM-2011-036 Kanahale) and have adequate safeguards on monument cultural, natural, and historic resources and ecological integrity. All participants will have had an in-depth briefing and orientation of Nihoa along with a briefing on boat safety and procedures, cultural protocols, and biological and ecological resource orientation, egg/chick avoidance, subsistence fishing, gear preparation and packing procedures safety will be given by S. Kekuwa Kikiloi or Kalei Nuuhiwa. All participants possess and have contributed to the knowledge on cultural and historic importance of the monument and have done extensive research on the cultural/historic value of Nihoa to Hawaii's history.

Participants will also abide by all quarantine and packing protocols established by the monument and undergo a section 106 National Historic Preservation Act consultations with the State Historic Preservation Division.

All participants will abide by the safety rules and guidelines pertaining to the health and welfare of the flora, fauna, and archaeological sites of Nihoa.

*b. How will the activity be conducted in a manner compatible with the management direction of this proclamation, considering the extent to which the conduct of the activity may diminish or enhance Monument cultural, natural and historic resources, qualities, and ecological integrity, any indirect, secondary, or cumulative effects of the activity, and the duration of such effects?*

The proposed activities align with the monument management plan and the intended purposes of the monument, which is to preserve access for Native Hawaiian cultural activities. Activities are intended to enhance our understanding of the North Western Hawaiian Islands through traditional relationships and activities. Activities are not meant for commercial purposes. All activities will be conducted by all levels of Hawaiian practitioners and will be led by knowledgeable and respected Native Hawaiian cultural practitioners. The experiences and activities will benefit the Native Hawaiian community, the communities within Hawaii and also the monument through deepening the understanding of the North Western Hawaiian islands in past, present and future contexts. No activity will deliberately cause harm or disruption to any resources on the island. All activities will increase the cultural knowledge and function of Nihoa and Papahānaumokuākea.

*c. Is there a practicable alternative to conducting the activity within the Monument? If not, explain why your activities must be conducted in the Monument.*

There is no other practicable alternative. This project is Nihoa (and North Western Hawaiian Island) centric. The access is to support the purpose completing the third phase of Na Mo'olelo o Papahānaumokuākea project: documenting stories about Papahānaumokuākea from Kaua'i and Ni'ihau communities AND also support a continued relationship between the Native Hawaiian communities and the North Western Hawaiian Islands for current and future generations through reconnecting Hawaiian cultural practitioners with the North Western Hawaiian Islands, Papahānaumokuākea. The activities, if done elsewhere, would not support this purpose.

*d. How does the end value of the activity outweigh its adverse impacts on Monument cultural, natural and historic resources, qualities, and ecological integrity?*

No adverse impacts are anticipated as a result of our proposed activities. There will be minimal impact to the rocky shoreline in harvesting marine edibles for subsistence. Please see Appendix A: Harvesting Protocols for proposed methods, species and collection quantities. These impacts will not be adverse and will be done in a way to compliment and support a healthy ecosystem.

If there is any Hawaiian monk seal or any other protected species in the area when performing any permitted activity, the activity shall cease until the animal(s) depart the area. The applicant and those working under any permit issued for this activity shall be familiar with the *Human Hazards to Seabirds Briefing* (PMNM BMP #003, May 2007), *Best Practices for Minimizing the Impact of Artificial Light on Sea Turtles* (PMNM BMP # 009, February 2008), *Marine Wildlife Viewing Guidelines* (PMNM BMP #010, May 2012), *Precautions for Minimizing Human Impacts on Endangered Land Birds* (PMNM BMP #012, December 2008), and *Best Management Practices for Activities on Nihoa* (PMNM BMP #016, January 2012) documents.

*e. Explain how the duration of the activity is no longer than necessary to achieve its stated purpose.*

The time requested is sufficient enough for participants to gain insight into the cultural and historic value of Nihoa and establish a fundamental foundation to grow from.

*f. Provide information demonstrating that you are qualified to conduct and complete the activity and mitigate any potential impacts resulting from its conduct.*

The applicant is a Hawaiian cultural practitioner able to read, write and converse in the Hawaiian language. She is continuously active within the Hawaiian Language Immersion schools, OHA, Papahānaumokuākea Marine National Monument (OHA Native Hawaiian Working Group and Reserve Advisory Council member) and greater Hawaiian community. In her current position with the University of Hilo STEM Scholars Program she cultivates and encourages the incorporation of cultural knowledge and perspective. She works to enhance participants' scholastic journeys in application to their lives, and their relationship to these islands and the broader world. She has previously been employed by Hawaii Community College as a lecturer. There she taught, developed curriculum and teaching materials for courses covering Hawaiian plant significance, Hawaiian ethnobotany, Pacific voyaging genealogy, canoe rigging and maintenance, sailing strategy, plotting, non-instrumental navigation with celestial bodies, weather, ocean conditions and other natural occurrences.

Nine of the participants have been in Papahānaumokuākea with four having previous experience on Nihoa and/or Mokumanamana (similar landscapes and needs). Collectively, the participants have the experience to safely and appropriately access Nihoa, assess and monitor the zones of Nihoa, conduct surveys of cultural sites, gather and harvest for subsistence, and establish a platform or site for observation and training in navigation and voyaging. All proposed activities have been successfully done by participants on other projects within the monument or on the Main Hawaiian Islands.

The range of participants was specifically chosen for their intelligence, knowledge, and experience. The four advisors on the project are recognized resources ("experts") on voyaging and navigation, celestial movements and ecological knowledge pertaining to traditional Hawaiian seasons, land management and use, cultural resource management and a combination of ethno-history and archeology specifically within the North Western Hawaiian islands. The four primary researchers are all genealogically tied to Kauai and Niihau and through research and previous education and experience, are qualified to participate and contribute to all the activities within this permit application. All participants have previous experience and are aware of the special protocols and conducts of visiting and interacting with culturally sensitive and protected areas.

We will consult with FWS to ensure that all activities are in accordance with the monument's BMPs. Based on these communications, appropriate preparations will be made and equipment

obtained in regards to lodging (i.e. tent cots, mummy sleep sacks, etc.), emergency preparedness, safety, communication and first-aid.

*g. Provide information demonstrating that you have adequate financial resources available to conduct and complete the activity and mitigate any potential impacts resulting from its conduct.*

The applicant has secured financial resources necessary through grants and private donor funding to secure a vessel (MV Searcher) for the duration of the trip. Resources have also been secured to initiate pre-access training and orientation sessions as well as equip all participants with the necessary resources to access Nihoa and abide by all the quarantine and packing guidelines established by the monument.

*h. Explain how your methods and procedures are appropriate to achieve the proposed activity's goals in relation to their impacts to Monument cultural, natural and historic resources, qualities, and ecological integrity.*

All activities of the permit have been performed by participants previous to the proposed access at other sites (and some within the monument) and all within the contexts mentioned within this permit application. All these activities have supported the building and strengthening of relationships between Native Hawaiians and their “natural” environment and will support the same goal with the monument, specifically Nihoa.

The proposed activities will also establish and strengthen cultural ties to these islands and increase the capacity of Hawaiian communities in the Main Hawaiian Islands to extend their commitments and responsibilities to encompass our entire Hawaiian archipelago from Hawaii Island to Kure (Holaniku) Atoll. All activities are in line with accepted cultural and western scientific methodology and procedures.

*i. Has your vessel has been outfitted with a mobile transceiver unit approved by OLE and complies with the requirements of Presidential Proclamation 8031?*

The MV Searcher will comply with all regulations and is outfitted with a type-approved Vessel Monitoring System.

*j. Demonstrate that there are no other factors that would make the issuance of a permit for the activity inappropriate.*

None.

#### **ADDITIONAL FINDINGS FOR PROPOSED NATIVE HAWAIIAN PRACTICES**

*k. Explain how the activity is non-commercial and will not involve the sale of any organism or material collected.*

Nothing will be collected on this trip except the harvesting for subsistence, which will be consumed on island and will not be removed from the monument. No organisms or parts of organisms collected for subsistence will be removed for commercial purposes or taken from the monument.

*l. Explain how the purpose and intent of the activity is appropriate and deemed necessary by traditional standards in the Native Hawaiian culture (pono), and demonstrate an understanding of, and background in, the traditional practice and its associated values and protocols.*

The proposed activities in the application will be to explore and understand already documented historic/cultural activities on Nihoa and revisit the intent, essence, and, relationship of these documented cases through first hand experience. Above and beyond understanding these historic relationships and activities, Native Hawaiians have, and continue to, observe and document the natural (familial) cycles surrounding us to better understand our role within the system so our activities and lifestyles have minimum impact on our island home, or genealogically speaking, on our elder siblings. The activities within the permit support this fundamental cultural practice of observation and connectivity to our environment and the core relationship we have to place. It also supports the deepening of understanding and responsibility we have to the North Western Hawaiian Islands. These are core foundations to traditional systems of management of our natural resources, which have sustained Native Hawaiians for over 2000 years.

We also come from an extensive history of voyaging and exploration. These historic activities are well documented through the histories of Pikoi, Hawaiiiloa, Makalii, Moikeha, Pele, Hiiaka, and in historic times, Queen Emma, King Kalakaua, Queen Liliuokalani, and crewmembers of Hokulea, Hawaiiiloa, Makalii, Hokualaka'i, and Iosepa. Our oceans tie us together and ocean highways continue to be travelled. Our journey on the ocean will follow in the wake of countless others continuing this proud legacy.

*m. Explain how the activity benefits the resources of the Northwestern Hawaiian Islands and the Native Hawaiian community.*

The proposed activities benefit the resources of the North Western Hawaiian Islands and the Native Hawaiian communities by deepening our understanding of the North Western Hawaiian Islands; naturally, spiritually, culturally, and historically. Our access will contribute to the breath of knowledge previously documented and further build our relationship to our Hawaiian archipelago. Through this deepened understanding, we also build on our cultural/traditional responsibilities to care for these islands through future initiatives and interactions.

*n. Explain how the activity supports or advances the perpetuation of traditional knowledge and ancestral connections of Native Hawaiians to the Northwestern Hawaiian Islands.*

The proposed activities support and advance the perpetuation of traditional knowledge and ancestral connections by ensuring the documentation and application of oral histories within the

North Western Hawaiian Islands. Through understanding already documented historic/cultural activities on Nihoa and revisiting the intent, essence, and relationship of these documented cases through first hand experience, we ensure the continuation and perpetuation of cultural relationships to place while redefining contemporary roles of these islands in a traditional/Hawaiian cultural context.

Through observation activities and documenting natural (familial) cycles surrounding us we also gain a better understand of our role within the system so our activities and lifestyles have minimum impact on our island home, or genealogically speaking, on our elder siblings. Our environment continues to shift and change and we evolve, or should, be evolving along with it. We support, advance, and honor our traditional knowledge and ancestral connections through understanding our Hawaii in 2013 ensuring a thriving-living Hawaiian culture applicable in time and place though deeply rooted foundations in our familial-traditional relationship to our islands, environment, and each other.

In regards to voyaging and participating in strengthening this practice within our proposed activities, we further support function of traditional knowledge systems and ancestral connections in this place and time continuing a legacy of growth and adaptation.

All activities stem from traditional/cultural relationships (ancestral connections) linking us to our past, to support us in the activities of today, to plan for our future.

*o. Will all Monument resources harvested in the Monument be consumed in the Monument? If not, explain why not.*

Yes, all resources harvested in the monument will be consumed in the Monument.

### **8. Procedures/Methods:**

Our vessel will anchor off Nihoa and our group will land on island for an estimated duration of 5 days and 4 nights. The group will conduct all activities stated in this permit application. We will deliberately observe and comply with all the policies and rules that support and maintain the healthy ecological integrity of the island's natural and cultural resources, and will conduct ourselves in a culturally appropriate manner as to avoid any damage or disruption to the health and well being of Nihoa. A ship berth has been reserved for a designated NOAA employee or representative as an escort for this trip.

Base camp for sleeping and meals: called basecamp, at the base of Miller on plateau where land starts above cliff/pali. As stated before we humbly request that the entire group of 12 individuals be allowed site access together as one to enable and enhance the fulfillment of the permitted activities' goals.

Surveys: All methods will be non-intrusive. No excavation. GPS units, Compass and removable survey flags will be used to survey agriculture field system on the mid-valley plateau between Miller and Middle. Survey flags will be placed on the perimeters and near/on the side of rocks and structures.

Other hiking and/or research sites: The idea behind the access is to experience and deepen our relationship with place through the histories collected from Kauai and Ni'ihau as well as through the experiences and knowledge of our group. To deepen our relationship with place we plan to visit sites and walk through most of the island to better understand how our ancestors lived, gain insight on the living conditions and challenges they faced while living on Nihoa, and building a deeper understanding of the cultural, spiritual, physical needs of Nihoa. Our method of choosing destinations will be determined by the interests and expertise within our group (navigation, kilo, archeology, wayfinding, native plants, malama aina) and direction we receive from kupuna and na'au. We do not expect to visit and/or tour the entire island and are certain that specific places will attract our attention, but we are unsure of exact hiking destinations at this point in time. Because of this uncertainty, we are including the entire island as potential destinations.

What we are certain of at this point is: For wayfinding, navigation, and kilo, we will be exploring high points and peaks as vantage points for observation (sunrise, sunset, visible wind lines, cloud behavior, celestial movement, etc.) We will be conducting surveys at mid-valley plateau. We plan to visit the groves of loulu palms. We will consult with FWS to ensure that all proposed activities follow required protocols as defined by the monument's BMPs.

**NOTE: If land or marine archeological activities are involved, contact the Monument Permit Coordinator at the address on the general application form before proceeding, as a customized application will be needed. For more information, contact the Monument office on the first page of this application.**

**9a. Collection of specimens - collecting activities (would apply to any activity): organisms or objects (List of species, if applicable, attach additional sheets if necessary):**

Please see Appendix A: Harvesting Protocol.

Common name:

Scientific name:

Hawaiian name:

# & size of specimens:

Collection location:

Whole Organism  Partial Organism

**9b. What will be done with the specimens after the project has ended?**

All specimens will be consumed and shells will remain in the monument.

**9c. Will the organisms be kept alive after collection?**  Yes  No

• General site/location for collections:

• Is it an open or closed system?  Open  Closed  
NA

• Is there an outfall?  Yes  No  
NA

• Will these organisms be housed with other organisms? If so, what are the other organisms?  
NA

• Will organisms be released?  
No, they will be consumed.

**10. If applicable, how will the collected samples or specimens be transported out of the Monument?**

N/A

**11. Describe any fixed or semi-permanent structures or installations, or cultural offerings you plan to leave in the Monument:**

Cultural offerings of pa’akai (salt) and wai (water) may remain in the Monument.

**12. List all specialized gear and materials to be used in the proposed activities:**

Specialized gear and materials used for permitted activities to include: ‘opihi knife, GPS units, compass, and removable survey flags. We will consult with FWS to determine camping materials and to ensure compliance with the monument’s BMPs.

Based on these communications, appropriate preparations will be made and equipment obtained in regards to lodging (i.e. tent cots, mummy sleep sacks, etc.), emergency preparedness, safety, communication and first-aid.

**13. List all Hazardous Materials you propose to take to and use within the Monument:**

N/A

**14. Describe collaborative activities to share samples, cultural research and/or knowledge gained in the Monument:**

This access is largely supported by both Papahānaumokuākea Marine National Monument NOAA office and the Office of Hawaiian Affairs. Reports will be distributed to both agencies.

**15a. Will you produce any publications, educational materials or other deliverables?**

Yes  No

**15b. Provide a time line for write-up and publication of information or production of materials:**

A written summary will be completed immediately following the access.

**16. If applicable, list all Applicant’s publications directly related to the proposed project:**

With knowledge of the penalties for false or incomplete statements, as provided by 18 U.S.C. 1001, and for perjury, as provided by 18 U.S.C. 1621, I hereby certify to the best of my abilities under penalty of perjury of that the information I have provided on this application form is true and correct. I agree that the Co-Trustees may post this application in its entirety on the Internet. I understand that the Co-Trustees will consider deleting all information that I have identified as “confidential” prior to posting the application.

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Signature

Date

**SEND ONE SIGNED APPLICATION VIA MAIL TO THE MONUMENT OFFICE BELOW:**

Papahānaumokuākea Marine National Monument Permit Coordinator  
6600 Kalaniana'ole Hwy. # 300  
Honolulu, HI 96825  
FAX: (808) 397-2662

**DID YOU INCLUDE THESE?**

- Applicant CV/Resume/Biography
- Intended field Principal Investigator CV/Resume/Biography
- Electronic and Hard Copy of Application with Signature
- Statement of information you wish to be kept confidential
- Material Safety Data Sheets for Hazardous Materials