

Papahānaumokuākea Marine National Monument
SPECIAL OCEAN USE 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:
NOAA/Inouye Regional Center
NOS/ONMS/PMNM/Attn: Permit Coordinator
1845 Wasp Blvd, Building 176
Honolulu, HI 96818
nwhipermit@noaa.gov
PHONE: (808) 725-5800 FAX: (808) 455-3093

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: April Surgent

Affiliation: Surgent Glassworks

Permit Category: Special Ocean Use

Proposed Activity Dates: April 18, 2016 - August 28, 2016

Proposed Method of Entry (Vessel/Plane): NOAA RV Hi'ialakai

Proposed Locations: Primarily French Frigate Shoals but could visit all islands/atolls except Nihoa and Mokumanamana.

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

1

Estimated number of days in the Monument: 120

Description of proposed activities: (complete these sentences):

a.) The proposed activity would...

The applicant will work with the Hawaiian Monk Seal Research Program as a field researcher in the Monument (activities covered under PMNM Manager's Permit). In addition to these activities she proposes to take photographs and record audio/video [A/V] footage to document HMSRP fieldwork and the unique ecosystem of the NWHI. The purpose of this activity is to gather resource materials to inform a comprehensive body of artwork aimed at discussing the critical value of conservation in and of the Monument while directly helping with the fieldwork of the HMSRP.

b.) To accomplish this activity we would

To accomplish this activity the applicant will assist the HMSRP as a field camp researcher. Working within the parameters of a HMSRP field researcher, the applicant will take photographs and A/V footage of the field team at work, the surrounding environments and wildlife.

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

With the consideration that many people only see and understand the world through pictures and or artist and writer interpretation, photographs and A/V footage would be used to help bring awareness to the Monument by propagating public interest through art. Art is a powerful tool for communicating knowledge because it offers an accessible and visceral means of inspiring people across all social and political spectrums and is an invaluable catalyst for facilitating complex ideas to the public at large. Given the sensitive natural and cultural resources of the NWHI, the Monument has adopted the philosophy of bringing the Monument to the people. The activities proposed here will help accomplish that mission by using this media/art produced to raise awareness of the important efforts being undertaken in the NWHI.

Other information or background:

The applicant is a professional artist and field worker embedded within the HMSRP in part to conduct the proposed creative activities. The conceptual merit of the applicant's activities are to document a remote and vulnerable ecosystem markedly impacted by anthropogenic climate change and or disturbance; illustrating our changing world, how we relate to it and the value of environmental stewardship and wildlife conservation. Working in the field for a season with the HMSRP will enable the applicant to become intimately familiar with the Monument establishing a knowledgeable perspective of the NWHI essential for producing an informed body of artwork while simultaneously helping recover one of the most endangered species in the region.

The body of artwork to be made in response to the applicant's activities in the Monument will principally be comprised of cameo glass engravings; the applicant's primary medium. The applicant is a leader in the field of cameo engraving and uses photographic imagery to support her glass work. The vast majority of the photographic and A/V material recorded will be used solely as compositional studies for engravings. A very small portion of photographic imagery and A/V recordings will be used in exhibition as supplemental audio and visual material to afford the most complete documentation of the applicant's research.

Nationwide gallery and museum exhibitions, catalogs, public lectures and panel discussions serve as the primary thoroughfares for the circulation of the applicant's artwork. While the dissemination of art is nonlinear, it has the unique potential to reach diverse audiences that would not otherwise be exposed to or understand the value of the conservation effort of the Monument.

Section A - Applicant Information

1. Applicant

Name (last, first, middle initial): Surgent, April [no middle name]

Title: Artist, Owner/Operator Surgent Glassworks

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

April Surgent, Artist, Surgent Glassworks

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):

NOAA Fisheries Hawaiian Monk Seal Research Program/ Surgent Glassworks

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, Research Diver; Jane Doe, Field Technician):

Section B: Project Information

5a. Project location(s):

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

Remaining ashore on any island or atoll (with the exception of Midway & Kure Atolls and Field Camp staff on other islands/atolls) between sunset and sunrise.

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

Location Description:

Given current HMSRP staffing needs the applicant will most likely be deployed to French Frigate Shoals, but this is not a certainty. It is also possible that the applicant will assist with deployment of all the field camps before being deployed at French Frigate Shoals so photography and A/V recordings may occur at multiple locations.

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 applicant's primary role will be as an HMSRP field researcher assisting with population assessment and recovery activities benefitting the Hawaiian monk seal population. These activities are covered under the PMNM Manager's Permit. The purpose of the applicant's proposed activity in the Monument is to research what remote conservation fieldwork involves and why it is vital to the survival of the Hawaiian monk seal and the ecological health of the Monument. It will also address the vast problems of marine debris and its impact on wildlife. The goal of the applicant's activity is to address and discuss anthropogenic impacts on the vulnerable ecosystem of the Monument by documenting and humanizing the NWHI through the work of the HMSRP. The applicant will shoot photographs and A/V footage for the purpose of gathering visual information to inform a didactic body of artwork discussing these issues. Photographs and A/V recordings will focus on capturing the work of the HMSRP and field camp, wildlife and the surrounding environment of the Monument.

Photographic studies and A/V recordings will serve as the applicant's main form of documentation while in the Monument and are essential for providing the most comprehensive visual understanding of the region. The applicant will primarily use the resulting photographs and A/V documentation as compositional studies for studio work in cameo engraved glass and secondarily in their original formats. Photographic and video studies are invaluable resource materials for the final works of art. Only very select photographs, video footage and audio recordings will be exhibited along side the applicant's artwork as supporting content.

All of the applicant's photographic and A/V documentation work fits within the HMSRP research position constraints and will be done in conjunction with the normal HMSRP field work activities.

*Considering the purpose of the proposed activities, do you intend to film / photograph federally protected species? Yes No

For a list of terrestrial species protected under the Endangered Species Act visit:

<http://www.fws.gov/angered/>

For a list of marine species protected under the Endangered Species Act visit:

<http://www.nmfs.noaa.gov/pr/species/esa/>

For information about species protected under the Marine Mammal Protection Act visit:

<http://www.nmfs.noaa.gov/pr/laws/mmpa/>

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 of the proposed photography and videography activity is non-invasive and solely observational. The activity will be conducted with adequate safeguards to the Monument's resources and ecological integrity by strictly following Monument rules, regulations and best practices. As an HMSRP field researcher, the applicant will undergo formal training and required briefings for working in the Monument prior to deployment and will only conduct work that strictly adheres to the approved activities of her role as an HMSRP field researcher. All proposed activities will be done under the approval of the field camp leader in adherence to HMSRP/PMNM approved activities.

Specific to Hawaiian cultural resources, while all NWHI are of cultural significance this work will not be conducted on Nihoa and Mokumanamana Islands, the sites with the greatest abundance of cultural sites.

All activities will be conducted under the identical constraints as the HMSRP field activities. No special access will be requested to any locations the HMSRP would not be required to go in the course of their work (i.e. island interiors at Laysan or Lisianski).

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 photography and videography activities are strictly observational and non-invasive. There will be no impact on the resources or integrity of the Monument. Formal field training, briefings by partner agencies, and oversight by the HMSRP will inform the applicant of Monument regulation ensuring that the activity is conducted in a compatible manner to Monument management.

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 practicable alternative to conducting the activity within the Monument. Working within the Monument will provide the applicant with the most credible and comprehensive understanding of the region essential to the goal of the applicant's work of humanizing issues of anthropogenic climate change, environmental stewardship and wildlife conservation in the Monument and remote field work in the NWHI as related to the HMSRP.

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

The proposed activity should be considered additive to the monk seal conservation research that is being conducted. This work will not increase the impacts inherent to human presence necessary for monk seal conservation efforts, but will increase public awareness of the species' plight, threats of marine debris and climate change, and the critical role of the PMNM.

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

The proposed activity of the applicant is to document the Monument and fieldwork of the HMSRP for a field season while participating in research and conservation activities. The duration of the camps are determined by the HMSRP and set to overlap with the majority of the monk seal pupping season.

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 has owned and operated a research based art practice for over a decade that has given her vast experience in the proposed activities of photography and videography. The applicant's artwork requires her to be an accomplished photographer capable of capturing her surrounding environments in a visually compelling way.

The applicant has comprehensive experience working in varied locations worldwide, including working in a remote field setting. In 2013, the applicant deployed to Palmer station, Antarctica with the National Science Foundation's, Antarctic Artist and Writers Programme for eight weeks. During that time the applicant worked alongside scientists documenting her experiences and their work in the field by means of photography and A/V recordings. The subsequent materials were used as source materials and supporting content for a body of work based on the Antarctic, exhibited nation wide.

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. As a field researcher with the NOAA HMSRP, the applicant's costs to conduct and complete the activity while working in the Monument will be covered by their funding.

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.

Working as a field member with the HMSRP enables the applicant to conduct the proposed activity with little to no impact on the Monument. Photography and videography are of the two most reliably accurate, efficient and non-invasive ways of visual documentation.

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

NOAA RV, yes.

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

Proposed activities strictly fall under the guidelines of the HMSRP volunteer programme and Monument regulation and there are no factors that would make the issuance of the permit inappropriate.

FOR SPECIAL OCEAN USE ACTIVITIES OUTSIDE OF MIDWAY ATOLL SPECIAL MANAGEMENT AREA, ANSWER THE ADDITIONAL THREE FINDINGS BELOW:

k. Explain how your activity will directly benefit the conservation and management of the Monument.

The purpose of the activity is to bring awareness to the HMSRP and the Monument by propagating public interest through art. Considering the ideology that knowledge is the key to societal transformation, the activity will directly benefit the conservation of the Monument by proliferating an informed understanding of it.

l. Explain how the purpose of your activity is for research or education related to the resources or qualities of the Monument.

Art is a powerful way of informing the public because it offers an accessible and visceral means of inspiring people across all social and political spectrums. The proposed activities are built on the belief that the dialogue between art and science is imperative for a most informed and diversified understanding of life. Cross-disciplinary exchanges such as proposed are invaluable catalysts for facilitating complex ideas to the public at large and hold significant cultural value.

m. Does the activity involve the use of a commercial passenger vessel (defined as a vessel that carries individuals who have paid for such carriage)?

No

FOR SPECIAL OCEAN USE ACTIVITIES WITHIN MIDWAY ATOLL SPECIAL MANAGEMENT AREA, ANSWER THE ADDITIONAL TWO FINDINGS BELOW:

n. Explain how your activity will further the conservation and management of the Monument.

The activity will further the conservation and management of the Monument within Midway atoll much the same as it would benefit the rest of the Monument; by bringing awareness to the HMSRP and the Monument by propagating public interest through art. Considering the ideology that knowledge is the key to societal transformation, the activity will directly benefit the conservation of the Monument by proliferating an informed understanding of it.

o. How is your activity compatible with the purposes for which the Midway Atoll National Wildlife Refuge was designated?

The applicant will be operating under the supervision of HMSRP staff IF she goes to Midway Atoll during one of the ships brief stops at the atoll. That will ensure that the applicant does not enter restricted areas, unnecessarily disturb wildlife, or otherwise impact historical resources located on the island. Much like with Tern Island, if the applicant visits Midway she would like to work with USFWS staff to receive some history of the island as well as the efforts being undertaken to conserve and protect both the natural and cultural resources of the atoll.

NOTE: If this is a first time Special Ocean Use activity, it will be subject to a pilot project and will be restricted in duration. Special Ocean Use activities proposed outside the Midway Atoll Special Management Area will require public notice of the application and an opportunity to provide comments is given at least 30 days prior to issuing the permit.

8. Procedures/Methods:

Methods of Photography/Videography/Audio recordings:

The applicant will use varying methods of photography depending on the desired outcome of the imagery. The vast majority of the photographs taken in the Monument will be shot using three types of digital cameras: a DSLR, HERO3+ and compact. Photographs will be taken during HMSRP field activity when deemed appropriate by field camp leader and during the hours that the applicant is off duty. The applicant will carry the appropriate camera for the situation and take observational photographs that capture life in the Monument. All photography and videography will be opportunistic and species will not be approached for photographic purposes. The following is a generalized list encapsulating some but not all of the subjects the applicant may capture: surrounding land and seascape, Hawaiian monk seal, green sea turtle, variety of bird species that might be present including Laysan and Blackfooted albatross, boobies [multiple species], frigate birds and other wildlife, flora, HMSRP field activities, field camp site, field camp maintenance, marine debris and buildings/infrastructure that may exist in different locations.

Photographs will be shot either handheld or with support from a tripod. In some instances the HERO3+ *or waterproof compact digital camera* may be held under the surface of the water to capture the desired image. All photographs to be taken are non-invasive and solely observational. Appropriate distances from wildlife will be determined before any photography or videography work begins regardless of subject. The specific goal of the photographs is to capture images that encapsulate the life and conservation work of the Monument. Digital photographs will be stored on digital memory cards and external hard drives and processed on a lap top computer.

The applicant will use a 35mm roll film camera and develop all film after fieldwork in the Monument is complete.

Another form of photography the applicant will employ is pinhole photography; an analogue lensless process of exposing film or film paper in a light tight container. Pinhole cameras are secured in place while the film or film paper is exposed, using a tripod, string or weight. The applicant will use the same considerations for pinhole photography as in digital photography. All film and film paper will be processed out of the monument and poses no threat of introducing hazardous materials to the Monument.

Videography will be recorded using the video function on the digital DSLR, HERO3+ and compact cameras. All of the same methods will be employed to record videos as in shooting digital photographs.

In some cases, audio recordings will be made independently from the video recording using a microphone audio recorder. This method of recording audio produces high quality audio. Audio recordings will be made during observational studies and focus on capturing the noises of the Monument.

9. Provide proof of general liability insurance, or indicate that you will be posting an equivalent bond against claims arising out of activities conducted under the permit:

This work is being conducted secondary to the applicants position within the HMSRP field camps. All liability is covered by NOAA.

10. If applicable, describe how you are collaborating with others in any way to reduce duplicative activities in the Monument or elsewhere?

The applicant will be collaborating with the HMSRP as a field camp volunteer to reduce duplicative activities in the Monument.

11. List all specialized gear and materials to be used in this activity:

The applicant holds copyright for all photo/video/and audio recordings.

-Canon Powershot s100 compact digital camera / 12 megapixels / RAW uncompressed format / 24-120 mm equiv. focal length / 5x optical zoom / F2.0-F5.9 Max. aperture / HD video capable

- Canon EOS 60D DSLR / 18 megapixels / RAW uncompressed format / HD video capable

*Back-up digital DSLR camera body

-Canon EF 24-105mm f /3.5-5.6 IS

-Canon EF 70-300mm f/4-5.6L IS USM

-Canon EF 50mm f/1.2L

-Canon EFS 10-22mm f/3.5-4.5

-Canon EFS 18-200mm f/3.5-5.6 IS

* Tamron A005 AF 70-300mm f4-5.6 SP Di USD VC Lens Canon EF

*MeFoto Roadtrip Tripod

-Sekonic L 308s [light meter]

-HERO3+ Black Edition / f/2.8-6 / 12 megapixels / 1080p

*Olympus T-G 4 / 16MP / waterproof compact digital camera

- Canon Rebel 2000 SLR/ 35mm roll film

*Digital Recording Microphone / Sony ECMMS907 / Electret condenser stereo microphone or equivalent

-Pinhole cameras:

- Zero 2000 D / 120 roll film

- Small tins made of found objects [such as Altoid mint tins] / Ilford film paper

*Laptop computer and external hard drive for digital image storage

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

N/A

13. Describe any fixed installations and instrumentation proposed to be set in the Monument:

N/A

14. List all Applicants' publications directly related to the proposed project:

-The dates of circulation of the final artwork is to be determined but shall be circulated no longer than two years after the field work is complete for a period unknown at this time.

-The following list of examples illustrates how the applicant's artwork is typically disseminated and gives the approximate numbers of visitors where applicable:

-Month long gallery exhibitions. Past shows in NYC, Seattle and Palm Springs. Free and open to the public. An exhibition in Seattle, Sept. 2014 saw Approx. 600 total unique visitors over a period of 4 weeks. Approx 150 people each for two opening receptions. Another 300 during the month and 50 repeat visitors.

-Gallery participation in art fairs including SOFA Chicago, Art Miami and Art South Hampton. Art fairs draw anywhere from 35,000 (SOFA Chicago) to 75,000 (Art Miami) visitors over the period of the fair dates, usually 3 -6 days.

- Three to five-month long museum exhibitions. The applicant's exhibition at the Bellevue Arts Museum in 2010/11 ran from October to May and saw 20,000 paid visitors, 300 guests at opening reception, 2,500 free access visitors and 500 member visits.

-National and international public and private lectures. - Approximately 350 attendees total for the 3 lectures given in 2014. Lectures included: International speaker at New Zealand glassmaking conference, Auckland, NZ. Artist talk at SOFA Chicago and private gallery talk in Seattle.

-Exhibition catalogues typically produced by gallery.

-Coverage in national print and online publications. Examples: Drawing Magazine, American Craft, American Art Collector, Urban GLASS quarterly [print and online publications]

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.

Signature

Date

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

NOAA/Inouye Regional Center
NOS/ONMS/PMNM/Attn: Permit Coordinator
1845 Wasp Blvd, Building 176
Honolulu, HI 96818
FAX: (808) 455-3093

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