

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: Dr. Christopher Winn and Dr. Samuel E. Kahng

Affiliation: Hawaii Pacific University

Permit Category: Research

Proposed Activity Dates: July 21, 2010 through August 19, 2010

Proposed Method of Entry (Vessel/Plane): vessel

Proposed Locations: The waters surrounding several islands within the Monument including Nihoa, French Frigate, Pearl and Hermes, Midway and Kure Atoll

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

2

Estimated number of days in the Monument: 30

Description of proposed activities: (complete these sentences):

a.) The proposed activity would...

Collect approximately 300 ml water samples from the research vessel from the surface to depths of 1000 meters. These samples will be returned to Honolulu for the determination water column carbon chemistry.

b.) To accomplish this activity we would

Better understand the influence of the coral benches within the monument on the surrounding ocean chemistry with the ultimate objective of better understanding how ocean acidification will affect the Monument ecosystem.

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

More clearly defining the potential impact of changes in ocean pH on the Monument ecosystem

Other information or background: