

Section 3.0 - Safety Environment and Health

Please check each item that describes your proposed activities. For further information about documents and forms mentioned in the text, please refer to the help documentation.

- Underwater Diving? Yes No

You will need to meet USAP Scientific Diving Program requirements (see "Antarctic Scientific Diving Manual" [NSF 98-148]). You will be asked to provide details of your proposed diving plan at a later date.)

- Use of explosives? Yes No
- Conduct remote field deployment? Yes No
- Use of radioisotopes? Yes No

Researchers proposing to use radioactive materials (open or sealed sources) in Antarctica must comply with USAP Radiation Safety policies and those of their home institution. Please complete Section 4.0 of this document, "Use of Radioactive Materials"

- Involvement of human subjects? Yes No

Researchers proposing to involve humans in their research must comply with Federal regulations regarding the protection of human subjects (45 CFR 46 - Part 46).

- Perturbation experiments, i.e., re-routing water flow or manipulating the habitat of birds or mammals? Yes No
- Ice, rock, or sediment coring? Yes No
- Release of materials into the environment such as drilling fluids, bioactive materials, inorganic tracers, sampling equipment, etc.? Yes No
- Excavation requiring the use of heavy equipment? Yes No
- Placement of temporary scientific equipment for more than one season that may be irretrievable (e.g., probes, detectors, cables, antennae, towers, benchmarks, monuments, etc.)? Yes No
- Emitting or receiving radio frequency (RF) or microwave energy? Yes No
- Bringing non-indigenous species to the antarctic? Yes No
- Generating or releasing large volumes of hazardous waste materials? Yes No

Please complete Section 5.0 of this document, "Estimate of Hazardous Amounts of Chemical Waste"

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- Activities involving native flora/fauna and/or entry into specially designated areas? Yes No

You may be required to submit an ACA permit request. It is your responsibility to be informed about all relevant ACA regulations concerning native flora/fauna and specially designated areas.

- Please briefly describe any other proposed activities that you believe may affect the antarctic environment or any future scientific investigations: