

## SCIENTIFIC RESEARCH AND COLLECTING PERMIT



Grants permission in accordance with the attached general and special conditions

United States Department of the Interior  
National Park Service

Glacier Bay NP & PRES

Study#: GLBA-00191  
Permit#: GLBA-2012-SCI-0014  
Start Date: Jun 01, 2012  
Expiration Date: Dec 31, 2012  
Coop Agreement#: n/a  
Optional Park Code: n/a

### Name of principal investigator:

**Name:** Christopher Sergeant **Phone:** 9073641591 **Email:** christopher\_sergeant@nps.gov

### Name of institution represented:

National Park Service, Southeast Alaska Network

### Co-Investigators:

<b>Name:</b> Bill Johnson	<b>Phone:</b> (907) 364-2624	<b>Email:</b> bill_johnson@nps.gov
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### Project title:

Installation and maintenance of a water quality monitoring unit in the Salmon River, Glacier Bay National Park and Preserve (GLBA)

### Purpose of study:

To install and maintain a small, automated water quality monitoring unit in one location along the Salmon River. This effort will continue the NPS Southeast Alaska Network's current long-term water quality monitoring effort in GLBA.

### Subject/Discipline:

Water Quality

### Locations authorized:

The water quality monitoring site is located on the river left bank of the Salmon River at approximately river km 9.0 several meters upstream of the NPS boundary.

### Transportation method to research site(s):

Accessed by foot.

### Collection of the following specimens or materials, quantities, and any limitations on collecting:

No collections are authorized.

### Name of repository for specimens or sample materials if applicable:

n/a

### Specific conditions or restrictions (also see attached conditions):

This project is currently permitted for a single year (2012). The Science/Wilderness Interdisciplinary Team has requested review of the proposal again in 2013 and would like the PI to explore the option of relocating the installation outside the park in partnership with the City of Gustavus to avoid violating 4(c) prohibitions of the Wilderness Act.

As described in the project proposal, the station will be completely removed between approximately November and mid-April (present only late April through October). Project personnel will endeavor to mitigate the visual intrusion of the

installation to minimize its impact on wilderness character.

The project leader will provide the park with at least 3 (but no more than 10) representative high-resolution digital images, with captions, illustrating the project; these images will become public domain. They are due by December 31, 2012 (please send to the Research Coordinator, Lewis Sharman, 907-697-2623, lewis\_sharman@nps.gov).

The project leader will provide the park with a digital educational poster of the project (printable/readable in 11 x 17 folio format) for inclusion in an interpretive binder for viewing by the general public. Please ensure the technicality of the poster is appropriate for that audience. Please send to the Research Coordinator, as above.

The project leader is requested to give an informal live presentation of the project to park staff and/or the general public. Again, please appropriately match level of technicality to the target audience. Contact the Research Coordinator for assistance with scheduling, venue, audience, notification, etc.

In addition to the Investigator's Annual Report (IAR, due March 31 in each year following project initiation you will automatically receive an electronic notification/reminder), the project leader will annually submit to the park (Research Coordinator) a formal Project Report (same due date). The Project Report is intended to contain considerably more detail than the IAR, including analyzed data and findings, as well as synthesis with past/other data, a summary interpretation in historical context, and any appropriate recommendations to management.

The NPS reserves the right to obtain raw data, field notes, photographs, sketch maps and other geospatial data, audio/video files, databases/spreadsheets, etc. generated by the project. The project leader agrees to provide these at any time if requested.

Finally, the NPS reserves the right to terminate this Permit at any time due to violation of any of the above conditions, violation of park regulations, or poor/non-performance. In addition, the NPS may decline future Permit extension or renewal, or to modify the above conditions, or commitments of park support of the project, if park priorities and/or management guidance/regulations change and evolve.

**Recommended by park staff(name and title):**

\_\_\_\_\_

**Approved by park official:**

\_\_\_\_\_

**Title:**

Superintendent

**Reviewed by Collections Manager:**

Yes \_\_\_\_\_ No \_\_\_\_\_

**Date Approved:**

\_\_\_\_\_

**I Agree To All Conditions And Restrictions Of this Permit As Specified**  
(Not valid unless signed and dated by the principal investigator)

\_\_\_\_\_  
(Principal investigator's signature)

\_\_\_\_\_  
(Date)

**THIS PERMIT AND ATTACHED CONDITIONS AND RESTRICTIONS MUST BE CARRIED AT ALL TIMES WHILE CONDUCTING RESEARCH ACTIVITIES IN THE DESIGNATED PARK(S)**