

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-2013-SCI-0003
Start Date: Apr 05, 2013
Expiration Date: Dec 31, 2017
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:

Name: Bill Johnson Phone: (907) 364-2624 Email: bill_johnson@nps.gov
Name: Chad Soiseth Phone: (907) 697-2654 Email: chad_soiseth@nps.gov
Name: Craig Murdoch Phone: (907) 697-2654 Email: craig_murdoch@nps.gov

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 has been annually permitted since 2010. The project has now been demonstrated effective/successful, reliable, sustainable, and stable; it is backed by a fully vetted protocol. This Research Permit, therefore, is issued for a period of 5 years.

The location of the sonde within designated wilderness has been determined to be the Minimum Tool, and a Waiver to Park Regulations has been issued (valid as long as a Research Permit remains authorized) to allow its continued (annually temporary, April 15 - October 31) presence in wilderness

As described in the project proposal, the station will be completely removed between October 31 and April 15. Project personnel will endeavor to mitigate the visual intrusion (and all other potential impacts to any elements of wilderness character) of the installation to minimize its impact on wilderness character.

The project leader is directed to the park website (<http://www.nps.gov/glba/naturescience/obtaining-a-scientific-research-permit.htm>) for general information about conducting scientific research in Alaskan national park wilderness, as well as National Park Service (NPS) general and park-specific conditions for and restrictions to conducting research in the park's backcountry. Much (not all) of the below is contained there but is repeated here for emphasis.

While conducting research activities on park lands, project personnel will practice Leave No Trace, in particular the Seven Principles (<http://lnt.org/learn/7-principles>).

Whenever moving between locations in the park, project personnel will carefully clean clothing and equipment in order to prevent the introduction/spread of the seeds/propagules of non-native invasive organisms (principally plants).

Prior to entering the field, project personnel will avail themselves of a special training focused on the minimization of bear-human conflicts, in order to ensure human and bear safety. Please contact the park's terrestrial Wildlife Biologist directly (Tania Lewis; phone 907-697-2668; email tania_lewis@nps.gov).

If he has not already done so, 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 to the Research Coordinator (Lewis Sharman; phone 907-697-2623; email lewis_sharman@nps.gov) by December 31, 2013.

If he has not already done so, the project leader will provide the park with a digital educational poster of the project (printable/readable in 11 x 17 inch 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, by December 31.

While physically present in the park, 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 detailed Project Report (Final Report) will include analyzed data and findings, as well as synthesis with past/other data, a summary interpretation in historical context, and any appropriate recommendations to management. This reporting requirement may be fulfilled by way of the standard Annual Reports regularly published by the SEAN for the Freshwater Water Quality vital sign.

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 Research 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):

Pat Sherman, Research Coord. 4/5/13

Reviewed by Collections Manager: ACS for MT

Yes No

Approved by park official:

Jim J. Ely, Chief of Resource Management 4/8/13

Date Approved:

Title:

Superintendent Susan Bonducan April 9, 2013

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)