

**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-00151

Permit#: GLBA-2010-SCI-0007

Start Date: May 15, 2010

Expiration Date: Dec 31, 2010

Coop Agreement#: n/a

Optional Park Code: n/a

Name of principal investigator:

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Name of institution represented:

University of Alaska - Southeast

Co-Investigators:

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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.

Subject/Discipline:

Water Quality

Locations authorized:

At the furthest downstream point that the Salmon River flows through NPS lands.

Transportation method to research site(s):

By foot from the Gustavus borrow pits, off of Rink Creek Road.

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:

Repository type: Temporarily captured or handled (may include marking) and then released undamaged in place
Objects collected:
none; I was required to select a type of repository above, but we are in fact not collecting anything other than physicochemical attributes of the river (temperature, pH, dissolved oxygen, specific conductance) measured by water quality sensors.

Specific conditions or restrictions (also see attached conditions):

The instrumentation will be installed in such a way as to be minimally visible and intrusive, incorporating camouflage as appropriate. The instrumentation will be appropriately and unobtrusively identified re. its purpose and ownership.

Each year the instrument will be installed in May using no motorized or mechanized tools/equipment or means of access

(foot only). The instrument will be visited monthly (foot only, May-October) for maintenance/data download. After the October visit the entire installation and any traces thereof will be removed for the winter, until the following May.

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)**