



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
**CORPS OF ENGINEERS, PORTLAND DISTRICT**  
PO BOX 2946  
PORTLAND OR 97208-2946

15 July 2014

Operations Division

Robin Brown  
Marine Mammal Research  
7118 NE Vandenberg Av  
Corvallis, Oregon 97330

Steven Jeffries  
Washington Department of Fish and Wildlife  
7801 Philips Rd. SW,  
Lakewood, Washington 98498

Dear Mr. Brown and Mr. Jeffries:

This is in response to the states of Oregon and Washington (States) memorandum dated November 15, 2013 requesting approval from the U.S. Army Corps of Engineers (USACE) to begin sea lion hazing and capture activities at the Bonneville Project. Please note no activity may occur without first having received written approval to access the Project.

This memorandum has five objectives:

1. Capture and permanently remove individual predatory California sea lions from the Bonneville Dam area as permitted under the NMFS Section 120 Authority granted to the States.
2. Increase the proportion of marked to unmarked California sea lions and Steller sea lions found in the Bonneville Dam area.
3. Improve our understanding of salmonid predation levels below Bonneville Dam.
4. Increase our food habits and prey genetics database.
5. Minimize predation and limit the recruitment of new pinniped predators to the area below Bonneville Dam by use of non-lethal hazing activities.

Please follow guidance in the memorandum, dated January 17, 2007, vetted through FPOM which outlines specific limits to sea lion bomb use and boat access within the BRZ for human and fish safety issues. This includes a 100ft minimum distance for boats from all project structures, a 150 foot minimal distance from main fishway entrances, no use of seal bombs from the boats within 300 feet from all fishways, floating orifices, B2CC or smolt monitoring facility outfalls, and no use of seal bombs within 150 feet of any shoreline or shallow water area. Seal bomb use is limited to 1-3 bombs per animal/ per hazing occurrence and no seal bombs in the BRZ when fish counts reach 1000 fish per day. Additional specifications are included in the memorandum.

NO firearms will be used on the Project for lethal take of sea lions without meeting the conditions per the agreement below with the Operations Project Manager at Bonneville Project:

1. Use of firearms for lethal take of sea lions will be permitted only after receiving the approval of the Operations Project Manager for each shift requiring a firearm;
2. Use of firearms for lethal take of sea lions will only be permitted by a qualified marksman with a spotter and Project Point of Contact present;
3. Use of firearms for lethal take of sea lions will only occur after the Control Room is notified;
4. Use of firearms for lethal take of sea lions will only occur between the hours of 0500 – 0600 hours and 1800 – 2130 hours;
5. In the event of an emergency, the designated State representative will contact the Control Room immediately.

With respect to the objectives outlined above, your request is approved, though please note that Project assistance may be limited, depending on the activities already scheduled at the dam.

Prior to beginning work, please arrange a meeting with Mr. Ben Hausmann, 541-374-4598. You will need to provide a Project impact statement, job hazard analysis, copies of permits, and a personnel list. Please send electronic copies of these documents to Mr. Hausmann, [ben.j.hausmann@usace.army.mil](mailto:ben.j.hausmann@usace.army.mil), Mr. Andrew Traylor, [andrew.w.traylor@usace.army.mil](mailto:andrew.w.traylor@usace.army.mil), Mr. Robert Stansell, [robert.j.stansell@usace.army.mil](mailto:robert.j.stansell@usace.army.mil), and Ms. Tammy Mackey, [tammy.m.mackey@usace.army.mil](mailto:tammy.m.mackey@usace.army.mil).

Please remain in contact with Mr. Hausmann throughout your time at the dam. There are many researchers and contractors working at the dam, please work to ensure good communication and cooperation between agencies and organizations.

A copy of this letter has been provided on <http://www.nwd-wc.usace.army.mil/tmt/documents/FPOM/2010/NWP%20Research/2013%20NWP%20Access/>

If you have questions regarding this correspondence, please contact Ms. Mackey via e-mail or by phone, at 503-961-5733.

Sincerely,

Jerry Carroll  
Acting Operations Manager  
Bonneville Lock and Dam

CENWP STAFFING SHEET

RTAO: Tammy Mackey, CENWP-OD-TF

DATE: 15 July 2014

SUBJECT: Approval letter for sea lion activities by the States.

DESIRED ACTION: Requires OPM Signature

RETURN TO: Tammy Mackey or call 503-961-5733 if there are questions.

MFR: Please send a copy of the scanned, signed letter to [Tammy.m.mackey@usace.army.mil](mailto:Tammy.m.mackey@usace.army.mil).

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REMARKS:	Mackey/tm/	CENWP-OD-TF
	Non-concur/concur	Chief of Fisheries CENWP-OD-TF Klatte, Bernard
	Non-concur/concur	Project Fisheries CENWP-OD-B Hausmann, Ben
	Non-Concur/Concur	Operations Manager CENWP-OD-B Carroll, Jerry
	Scan and file	Admin CENWP-OD-B Kiyokawa, Nancy