

**Nez Perce Tribe Department of Fisheries Resources Management
Pacific Lamprey Translocation Project – The Dalles Dam - 2014**

PROJECT WORK PLAN

The Nez Perce Tribe Department of Fisheries Resources Management (NPT DFRM) plans to collect approximately 374 adult lamprey, depending on availability, from The Dalles Dam. Note that the total aggregate of adult Pacific lamprey collected at Bonneville, John Day and The Dalles Dam would not exceed 910 fish. Collection of adult Pacific lamprey would be conducted intermittently from approximately late June through September, 2014, contingent on run timing, trapping success, fish availability and funding.

Collections would focus on the deployment of pot traps in fishways behind the picketed leads. We have obtained hands on guidance from the Confederated Tribes of the Umatilla Indian Reservation regarding procedures for collecting adult lamprey using pot traps. Trap placement will be chosen to avoid contact with any migrating salmonids. Trapping days would be determined through coordination with the Confederated Tribes of the Umatilla Indian Reservation and the Yakama Nation.

The collected adult lamprey would be loaded into a portable fish tank and transported to Nez Perce Tribal Hatchery, Clearwater County, Idaho. Loading into the portable fish tank would be no more than 200 adults per load. The adults would be transported through Oregon and Washington to the Snake River Basin, Idaho, and unloaded into 8' X 8' insulated fiberglass fish tanks plumbed for a constant flow of 4-5 gpm per tote. Maximum loading density would be about 250 fish per tote. A prophylactic treatment (OTC) for furunculosis would be administered promptly upon arrival at Nez Perce Tribal Hatchery, Idaho.

Work will be coordinated with District Fisheries Biologist Tammy Mackey, Research Coordinator Paul Keller, Chief of Fisheries Robert Cordie, Field Unit Biologist Nathan Zorich, Confederated Tribes of the Umatilla Indian Reservation fisheries staff, Yakama Nation fisheries staff, University of Idaho research staff and NOAA Fisheries research staff. Prior to collection, we will apply for and obtain ID badges, access keys, all required permits and will attend all required safety/coordination meetings.

The objective is to augment juvenile lamprey production in the Snake basin, in view the continued decline of lamprey in the Snake Basin, as exemplified by the critically low counts of adults passing Lower Granite Dam. Recent adult lamprey counted passing Lower Granite Dam during the day have numbered 12, 15, 48, 48 and 19 in 2009, 2010, 2011, 2012 and 2013, respectively. The downward spiral of adults returning to the Snake River Basin to spawn translates to severely reduced presence of larval lamprey available to emit attractants that may draw adults into the spawning tributaries.

PROJECT IMPACT STATEMENT

The NPTDFRM has no anticipated impacts to the existing project activities. Project safety procedures will be applied.

JOB HAZARD SAFETY ANALYSIS

See attached Activity Hazard Analysis sheet.

MATERIAL SAFETY DATA SHEETS (MSDS)

No hazardous materials will be brought on site for this activity.

FUNDING ARRANGEMENTS

No project support will be necessary to perform job activities.

PERMITS

The NPTDFRM has a NPT Fish and Wildlife Commission collection/transport permit.

PERSONNEL LIST

NAME	AGENCY	ACTIVITY	EXPIRATION	
			1 ST AID	CPR
SWEEN, TOD	NPTDFRM	Fishways	2010	2010
ELLENWOOD, Raymond	NPTDFRM	Fishways		
STATLER, DAVID	NPTDFRM	Fishways	2010	2010
OATMAN, JAY	NPTDFRM	Fishways		

VEHICLE LIST

LICENSE	ST	DESCRIPT	COLOR	AGENCY	OWNER	POC/CREW BOSS
G63 2997H	GOVT	FORD F-350	GREEN	NPTDFRM	US GOVT	SWEEN, TOD