

**Yakama Nation 2014
Fisheries Resources and Management Program
Pacific Lamprey Research and Restoration Project**

Bonneville Dam

PROJECT WORK PLAN

Background: A key component to restoring Pacific lampreys to the Yakima River subbasin and other rivers within the Yakama Nation Ceded Lands is to collect adults from lower Columbia River dams for out planting.

Objectives: The Yakama Nation Fisheries Resource Management Program (FRMP) proposes to collect up to 254 adult Pacific lampreys from Bonneville Project fish way.

Methods: For 2014, FRMP staff would come to Bonneville Adult Fish Facility, in coordination with representatives for the Confederated Tribes of the Umatilla Indian Reservation (CTUIR), and pick up excess adult lampreys (that are not utilized by other research activities) weekly until the target is met. Lamprey would be collected in a coordinated manner by FRMP and CTUIR staffs and placed into a 300 gallon holding tank secured in a bed of a pickup truck. After collection, adult data is recorded for each individual accounted for and inspected for anomalies; Tribal staff would immediately leave the Project for the day. The work plan is to trap lamprey seven days a week.

Justification for Translocation of Adult Pacific Lamprey:

- Translocation adult Pacific lamprey from the following dams for radio telemetry studies, experimental artificial propagation and translocation:
 - Bonneville, The Dalles, John Day dams.
 - Important to note that 150 lamprey will be collected to translocation into the upper Columbia River to monitor and understand behavior and to support passage study at Wells Dam.
 - Remainder of collected fish will support re-establishment in Yakima River subbasin.
- YN will continue to coordinate with CTUIR and Nez Perce Tribe in checking traps on lower Columbia Dams.
- Work with USACE/NOAA Fisheries by checking traps and collecting adults on Bonneville Dam.
- Hold 50 adults for 2014 (autumn component) and 2015 (spring component) radio telemetry study and approximately 700 adults to over-winter for 2015 translocation and artificial propagation re-introduction and monitoring.
- Radio tag and monitor passage over BOR and other diversion dams and understand general movement through spawning within the Yakima River Subbasin.

Schedule: Upon ACOE approval, the FRMP anticipates beginning this collection in June 2014 and continuing until last week of August or until the target is met, whichever is first. A routine work schedule has not yet been developed, but is expected to be developed within the first 10 days (by mid-June) such that a high level of consistency and continuity can be expected by ACOE in timing for Project access and departure over the course of the summer months.

Facilities and Equipment Requirements: Adult Fish Facility access to the excess adult Pacific Lamprey

PROJECT IMPACT STATEMENT

YN FRMP has no anticipated impacts other than access to Washington Shore and the Adult Fish Facility. Measures will be taken to assure project safety.

JOB HAZARD SAFETY ANALYSIS

All personal will read the ACOE General Safety Requirements Manual #385-1-1. YN Pacific Lamprey Project does have weekly safety meetings relative to translocation. Activity Job Hazard Safety Analysis sheet, a list of personal and the expiration dates of their First Aid and CPR will be attached.

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

YN FRMP Lamprey Project has permits for collection and transports issued from the Yakama Nation.

PERSONNEL LIST

NAME	AGENCY	ACTIVITY	EXPIRATION	
			1 ST AID	CPR
TBA	YN	Fishways	TBA	TBA

VEHICLE LIST

LICENSE	ST	DESCRIPT	COLOR	AGENCY	OWNER	POC/CREW BOSS
G63 1244L	GOVT	FORD	WHITE	YN	US GOVT	TBA