

Northwestern Division – U.S. Army Corps of Engineers – ANADROMOUS FISH EVALUATION PROGRAM – FY2012 FINAL RESEARCH PROPOSALS/STATEMENTS OF WORK

Study Code(s)	Title	Agency	Research Lead	USACE POC
Adult Salmon and Steelhead Studies				
ADS-W-11-5	Detailed Statement of Work - Enumeration, horizontal, and vertical distribution of adult fish falling back through the powerhouse at McNary Dam during winter months	Contract	TBD	F. Higginbotham
ADS-P-12-1	Adult Chinook and sockeye salmon passage, survival and conversion through the lower Snake River	USFS/NOAA	Peery/Axel	C. Pinney
Avian Predation Studies				
AVS-W-03-1	Evaluate the impacts of avian predation on salmonid smolts from the Columbia and Snake rivers	OSU	D. Roby	D. Trachtenberg
AVS-W-03-1	Electronic Recovery of ISO-PIT Tags from Avian Predators in the Columbia River Basin	NOAA	D. Ledgerwood	P. Schmidt
Bull Trout Studies				
BT-W-10-2	Monitor and Assess Movements of Bull Trout in the Mainstem Columbia River	USFWS	D. Anglin	D. Holecek
Estuary Studies				
EST-P-09-1	Evaluation of Life History Diversity, Habitat Connectivity, and Survival Benefits Associated with Habitat Restoration Actions in the Lower Columbia River and Estuary, 2012	PNNL	H. Diefenderfer	C. Stuebaker
EST-P-10-1	The contribution of tidal fluvial habitats in the Columbia River Estuary to the recovery of diverse salmon ESUs	NOAA	Dan Bottom	C. Stuebaker
EST-P-11-01	Multi-Scale Salmon Ecosystem Action Effectiveness Research in the Lower Columbia River and Estuary (LCRE)	PNNL/ODFW/USFWS	G. Johnson	C. Stuebaker
EST-P-12-01	Synthesis and Evaluation of Research, Monitoring and Evaluation and Restoration Effectiveness Data in the Lower Columbia River and Estuary	PNNL	G. Johnson	C. Stuebaker
Lamprey Studies				
LMP-12-1 LMP-12-2 LPM-12-3	Improving Adult Pacific Lamprey Passage and Survival at Lower Columbia River Dams - 2012	NOAA/UofI	M. Moser	S. Tackley
LMP-P-12-1	Use of Non-Invasive Methods to Evaluate Pacific Lamprey Counts and Passage Behavior in the Lower Columbia River - 2012	USFWS/CRITFC/UC-Davis	C. Peery	S. Tackley
LMP-P-12-4	Evaluation of adult Pacific lamprey behavior and fate in Columbia River reservoirs using acoustic telemetry, 2012.	Uof I	C. Caudill	S. Tackley
LMP-W-12-1	Detailed Statement of Work - Underwater Video Monitoring of Adult Fish Ladder Modifications to Improve Adult Pacific Lamprey Passage at McNary, Ice Harbor, and Lower Monumental Dams, 2012.	Contract	TBD	S. Juhnke/D.Fryer

Survival and Behavior Studies				
SPE-P-08-3; BPS-W-12-2	Juvenile Salmonid Dam Passage and Survival at Lower Columbia River Dams, 2012	PNNL	T. Carlson	A. Setter/B. Eppard
SPE-W-11-3	Detailed Statement of Work - Monitoring of Oregon Shore Adult Fish Ladder, McNary Dam to determine juvenile fish presence and if they become impinged on the entrance screens.	Contract	TBD	F. Higginbotham
SPE-W-12-1, SPE-W-12-2, SPE-W-12-3	Detailed Statement of Work - Combination of the developed project specific Implementation Plans (IPs) using acoustic telemetry methodology for estimating survival and passage metrics at Little Goose, Lower Monumental, and Ice Harbor dams.	Battelle	Fred Higginbotham/Chris Pinney	F. Higginbotham
Transport Studies				
TPE-W-00-4	A study to compare SARs of Snake River fall Chinook salmon under alternative transport and dam operational strategies	NOAA	D. Marsh	D. Holecek
TPE-W-04-1 TPE-W-00-4	A Study to Determine Seasonal Effects of Transporting Fish from the Snake River to Optimize a Transportation Strategy	NOAA	D. Marsh	D. Holecek
TPE-W-10-1	Detailed Statement of Work - PIT-Tag 62,000 Juvenile Yearling Snake River Sockeye Salmon at Sawtooth and Oxbow fish Hatcheries for a pilot study to evaluate collection efficiencies and in-river survival for the development of a full scale transportation study	Contract	TBD	D. Holecek/D. Fryer
TPE-W-11-2	Identifying overwintering location and natal origin for Snake River fall Chinook salmon	NOAA/UofI/USFWS	R. Zabel	D. Holecek
TPE-W-11-4	Evaluation of methods to reduce straying rates of barged juvenile steelhead	NOAA	A. Dittman	D. Holecek
Turbine Survival Program Studies				
TSP-S-12-2	Comparative Evaluation of Ice Harbor Dam Replacement Runners	PNNL	T. Carlson	B. Johnson/D. Schwartz