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March 29, 2012

MEMORANDUM

TO: Fish and Wildlife Committee

FROM: Nancy Leonard, Fish, Wildlife, Ecosystem, Monitoring and Evaluation Manager (Council)
Jason Sweet, Fisheries Biologist (BPA)

SUBJECT: Program Level Monitoring

Council Staff and BPA representatives will provide a broad overview of how the Federal Columbia River Power Supply Biological Opinion (FCRPS BiOP) monitoring and evaluation fits within the context of the Fish and Wildlife Program and the draft Monitoring, Evaluation, Research, Reporting and Data Access Framework (draft MERR).

The Big Picture

Fish and Wildlife Program's
Monitoring, Evaluation, Research, and Reporting (including HLIs) Strategy

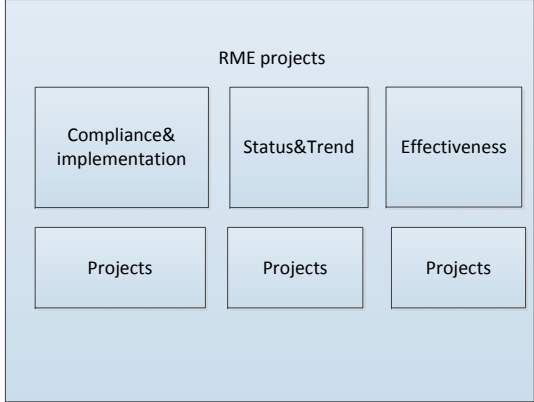
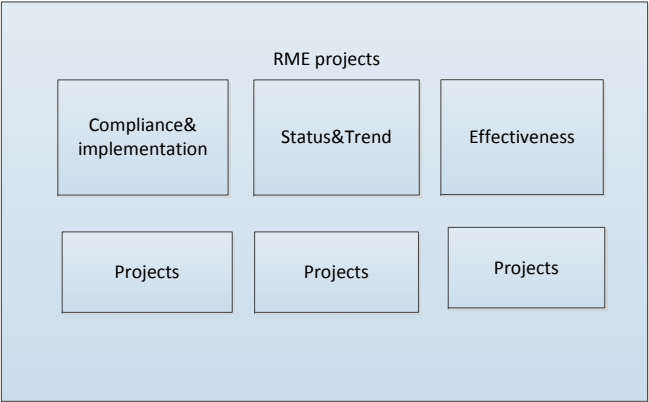
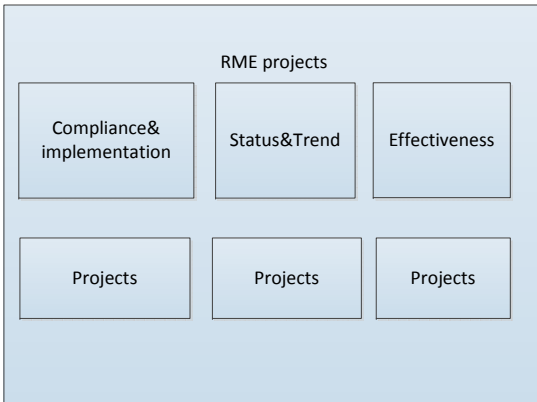
Draft MERR and Data Framework and its Draft MERR RME Implementation Strategies & Research, Monitoring and Evaluation (RME) /Artificial Production Categorical Review Programmatic Issues Recommendations for Habitat (#2), Estuary (#3), Artificial Production(#4), and Ocean(#5)

FW Program Strategies for
Basinwide, Mainstem, Estuary, and Ocean

Wildlife & Habitat

Anadromous Fish & Habitat

Resident Fish & Habitat



HU tool to assess wildlife mitigation per dam

Legend			
Blue Background (Bkgd) = Part of FW Program	Yellow Bkgd = draft documents guided by Council efforts	Orange Bkgd = BPA FCRPS BiOP RME document/tool	White Bkgd = not funded/not part of Program at this time

The Big Picture

with a

focus on the FCRPS BiOP component for ESA-listed Salmonids

Fish and Wildlife Program's
Monitoring, Evaluation, Research, and Reporting (including HLIs) Strategy

Draft MERR and Data Framework and its Draft MERR RME Implementation Strategies & Research, Monitoring and Evaluation (RME) /Artificial Production Categorical Review Programmatic Issues Recommendations for Habitat (#2), Estuary (#3), Artificial Production(#4), and Ocean(#5)

FW Program Strategies for Basinwide, Mainstem, Estuary, and Ocean

Wildlife & Habitat

ESA Listed Salmonids & Habitat

Other Anadromous Fish & Habitat

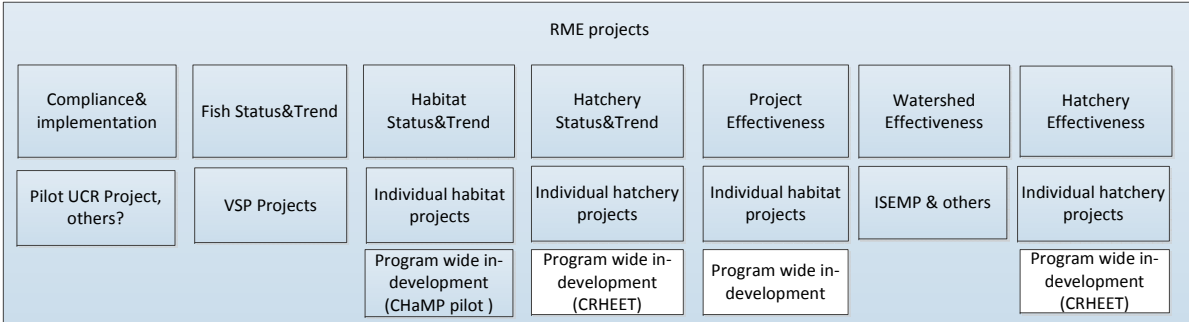
Resident Fish & Habitat

Not shown in this diagram

BPA's RME Framework for FCRPS BiOP RME
ESA Listed Salmonids

Not shown in this diagram

Not shown in this diagram



HU tool to assess wildlife mitigation per dam

Tools Developed as part of BPA Framework to be used to Convey Progress in Implementing FCRPS BiOp (Salmon Benefit Unit, Habitat Quality Index, Reach and Dam Survival, etc)

Legend			
Blue Background (Bkgd) = Part of FW Program	Yellow Bkgd = draft documents guided by Council efforts	Orange Bkgd = BPA FCRPS BiOP RME document/tool	White Bkgd = not funded/not part of Program at this time