

## WATER RM&E Team Meeting

July 25, 2019, 9 AM to 1 PM

DS Consulting Office - 221 SE 11<sup>th</sup> Avenue, Suite 211, Portland, Oregon

Call in number: [866-340-4886](tel:866-340-4886) // PASSCODE: 224871933#

Webex: <https://usace.webex.com/meet/fenton.o.khan>

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### Proposed Meeting Agenda

**Meeting Purpose:** To seek consensus regarding technical issues on research, monitoring and evaluation needs of the Willamette system and projects in order to support decisions that will be made by managers.

#### 9:00 Welcome, Housekeeping, and Updates

- Review and approve 6/27/19 RM&E summary
- Updates
  - Middle Fork workshop series - *Fenton and Rachel*
  - Report back from Steering Team conversation re: Potential FY19 Studies – *Mike*
  - 2019 studies/projects updates – *Fenton*
  - Other updates from RM&E team members - *All*

#### 9:15 Comments, Clarification, Discussion on draft FY20 Concept Papers – RM&E Team

- Discussion and input on recent concept papers (provided by the Corps):
  1. **JPL-11-05-FOS** - *Evaluation of Foster Dam Juvenile Passage*
  2. **JPL 20-01-LOP** - *Spatiotemporal sources of mortality in juvenile reservoir-reared UWR spring Chinook salmon: implications for successful downstream passage at Willamette Valley Projects with an emphasis on Look-out Point.*
  3. **JPL 20-xx-xxx** - *Spatiotemporal index of infection severity of a copepod, *Salmincola californiensis* that parasitizes juvenile spring Chinook salmon in the Willamette River Basin* (Note: concept paper references **JPL 19-xx-xxx**)
  4. **JPL 20-xx-xxx** - *Spatiotemporal distribution of a copepod, *Salmincola californiensis* that parasitizes juvenile spring Chinook salmon in the Willamette River Basin: implications for fish collection facilities.* (Note: concept paper references **JPL 19-03-SYS**)
- Additional discussion and input on concept papers previously reviewed by the RM&E Team:
  5. **JPL -19-01-LOP** - *Evaluation of a spring and summer spill operation at Lookout Point Dam for improving juvenile spring Chinook Salmon dam passage*
  6. **JPL-19-02-LOP** - *Evaluation of delaying refill and spring surface spill operation at Lookout Point Dam for improving juvenile spring Chinook Salmon dam passage*
  7. **APH-17-02-GRP** - *Evaluate reintroduction and productivity of UWR Chinook salmon above Green Peter Dam.*
  8. **FMWQ-18-04-SYS** - *Assess Effects of Total Dissolved Gas Exposure on UWR Chinook Salmon and Steelhead Below Big Cliff Dam.*
  9. **FMWQ-18-02-SYS** - *Determination of habitat use patterns for rearing and emigrating juvenile spring Chinook salmon and winter steelhead below Willamette Project dams.*
  10. **JPL 18-02-SYS** - *Willamette Project Dam Passage Delayed Mortality*
  11. **JPL-15-02-SYS** - *Evaluate the feasibility of in-stream and head-of-reservoir juvenile fish trap and haul above Willamette Project (WP) Dam*

#### 11:00 Preparation for 8/6/19 Joint Prioritization Meeting

- What is needed to prepare for a successful discussion and prioritization?
  - Review process and materials
  - Additional needs?

- 11:30**     **NMFS presentation regarding the 5-Year Status Review and updates to NMFS life-cycle modeling approach** -*Jim Myers*
- 12:00**     **Review of O&M funding prioritization** – *Fenton/RM&E Team*
- Review of O&M projects for FY20
  - Input from RM&E Team regarding priorities
- 12:45**     **Next Steps & Action Items** – *Emily*
- Joint RM&E/Steering Team Meeting scheduled for 8/6/19
  - Next RM&E Meeting scheduled for August 22, 2019
    - Clarify agenda topics
- 1:00**     **Adjourn**

*Meeting times are provided as a suggestion, however, will be adjusted as necessary to meet the needs of the group.*

\*Note: Document Review Tracking Table is attached as Attachment 1

**Attachment 1**

**Document Review Tracking** (Click here for [Master “tracking” Spreadsheet](#))

<b>Document Name</b>	<b>Document Type</b>	<b>Comments Due By</b>	<b>Comments received / forthcoming from</b>
<b>FY19 Concepts</b>			
Investigation of spring Chinook salmon fish passage alternatives for the Middle Fork (APH 19-01 MF)	<b>Status:</b> Request for proposal has been sent out.		
Evaluation of Foster Adult Fish Trap Performance, 2019 (APH-15-05-FOS)	Pre-Proposal	November 2	CTGR, ODFW and NMFS provided comments
	<b>Status:</b> On hold; PDT presented on design fixes at 3/5/19 WFFDWG meeting.		
Evaluation of Foster Adult Holding and Transport (APH -19-01-FOS)	Draft Proposal	July 2	NMFS provided comments
	<b>Status:</b> Revised Concept (synthesis approach) ranked by Steering Team on 6-4-19; Further discussion on funding anticipated at 7-2-19 Steering Team meeting. Draft Proposal sent to team members for comments.		
Evaluation of a spring and summer spill at LOP (JPL-19-01-LOP)	FY 19 Concept Paper	TBD	COE provided comments
	<b>Status:</b> RM&E and Steering Team will discuss management purpose and information needs during concept prioritization meeting.		
High Head Bypass (JPL-18-03-HHB)	Draft Proposal	July 2	NMFS provided comments
	<b>Status:</b> 6/4//19: RM&E and Steering Teams supported moving forward with study. Draft Proposal sent to team members for comments		
<b>FY20 Concept Papers</b>			
<b>Document Name</b>	<b>Document Type</b>	<b>Comments Due By</b>	<b>Comments received / forthcoming from</b>
Evaluation of Foster Dam Juvenile Passage (JPL-11-05-FOS)	FY 20 Concept Paper	7/19/19	
Willamette Project Dam Passage Delayed Mortality (JPL 18-02-SYS)	FY20 Concept Paper	7/19/19	
Evaluate the feasibility of in-stream and head-of-reservoir juvenile fish trap and haul above Willamette Project (WP) Dam (JPL-15-02-SYS)	FY20 Concept Paper	7/19/19	
Evaluation of a spring and summer spill operation at Lookout Point Dam for improving juvenile spring Chinook Salmon dam passage (JPL -19-01-LOP)	FY20 Concept Paper	7/19/19	

Evaluation of delaying refill and spring surface spill operation at Lookout Point Dam for improving juvenile spring Chinook Salmon dam passage (JPL-19-02-LOP)	FY20 Concept Paper	7/19/19	
Evaluate reintroduction and productivity of UWR Chinook salmon above Green Peter Dam. (APH-17-02-GRP)	FY20 Concept Paper	7/19/19	
Assess Effects of Total Dissolved Gas Exposure on UWR Chinook Salmon and Steelhead Below Big Cliff Dam. (FMWQ-18-04-SYS)	FY20 Concept Paper	7/19/19	
Determination of habitat use patterns for rearing and emigrating juvenile spring Chinook salmon and winter steelhead below Willamette Project dams. (FMWQ-18-02-SYS)	FY20 Concept Paper	7/19/19	
Spatiotemporal sources of mortality in juvenile reservoir-reared UWR spring Chinook salmon: implications for successful downstream passage at Willamette Valley Projects with an emphasis on Look-out Point. (JPL 20-01-LOP)	FY20 Concept Paper	7/19/19	
Spatiotemporal index of infection severity of a copepod, <i>Salmincola californiensis</i> that parasitizes juvenile spring Chinook salmon in the Willamette River Basin (JPL 20-xx-xxx)  <b>Note:</b> concept paper references 19-xx-xxx)	FY20 Concept Paper	7/19/19	
Spatiotemporal distribution of a copepod, <i>Salmincola californiensis</i> that parasitizes juvenile spring Chinook salmon in the Willamette River Basin: implications for fish collection facilities. (JPL 20-xx-xxx) <b>Note:</b> concept paper references 19-03-SYS)	FY20 Concept Paper	7/19/19	
<b>Draft and Final Reports</b>			
Evaluation of Chinook Salmon ( <i>Oncorhynchus tshawytscha</i> ) Fry Survival in Lookout Reservoir, Western Oregon, 2018. (USGS)	Draft Report	7/3/19	