

# COUGAR DOWNSTREAM PASSAGE PROGRESS UPDATE

Scott Fielding-Fisheries Biologist  
Chris Budai-Project Manager  
Erica Tarbox-Technical Lead  
Jeremy Britton-Technical Lead

Willamette Fisheries Science Review  
14 March 2019



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NOTE:  
TAINTER GATE

# COUGAR DAM AND RESERVOIR

## The Willamette River Basin



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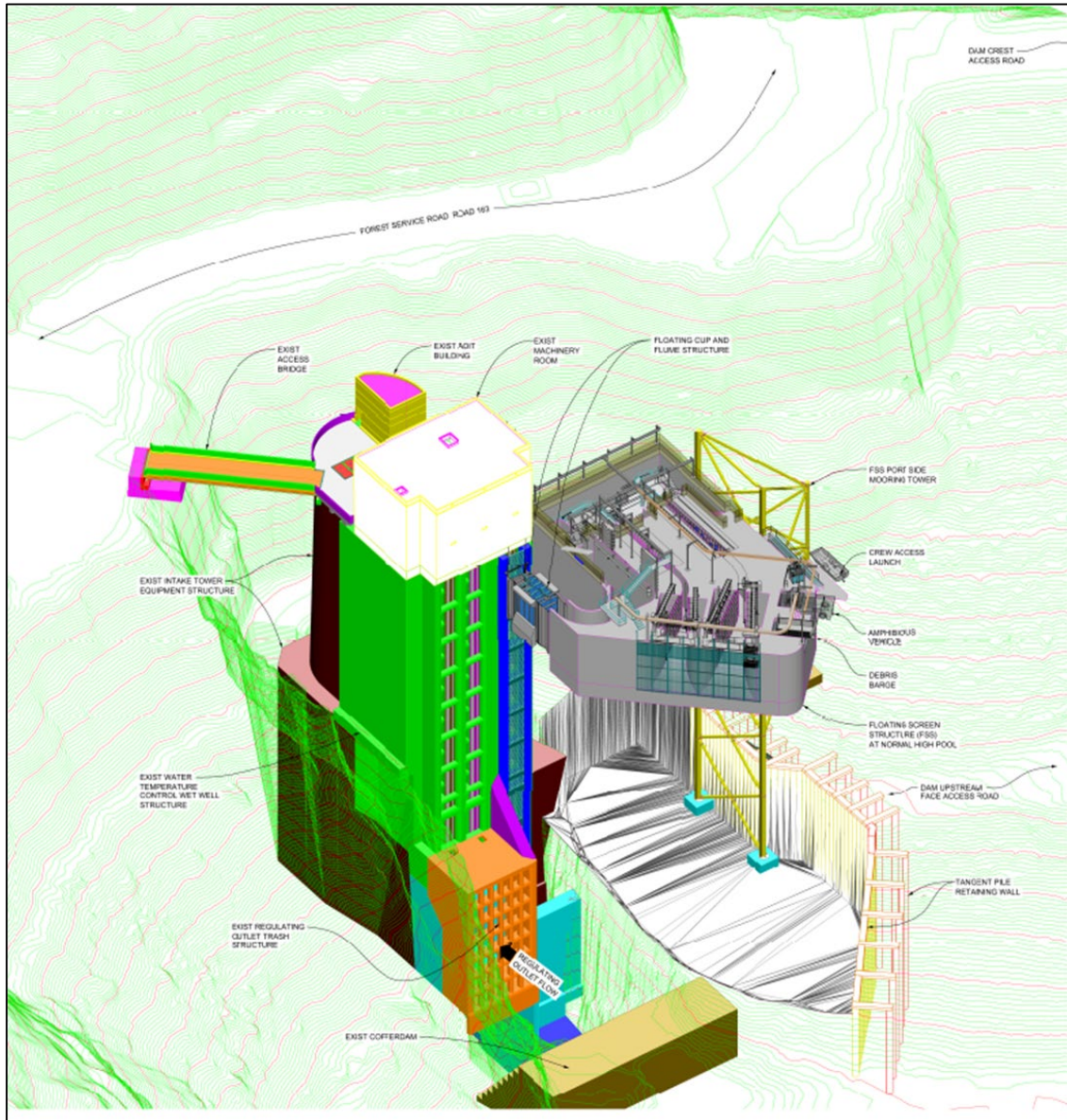
### Cougar Dam and Reservoir



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# FLOATING SCREEN STRUCTURE



- 90% Design Documentation Report (DDR) completed
- Physical model completed
- Plans and Specifications (P&S) started



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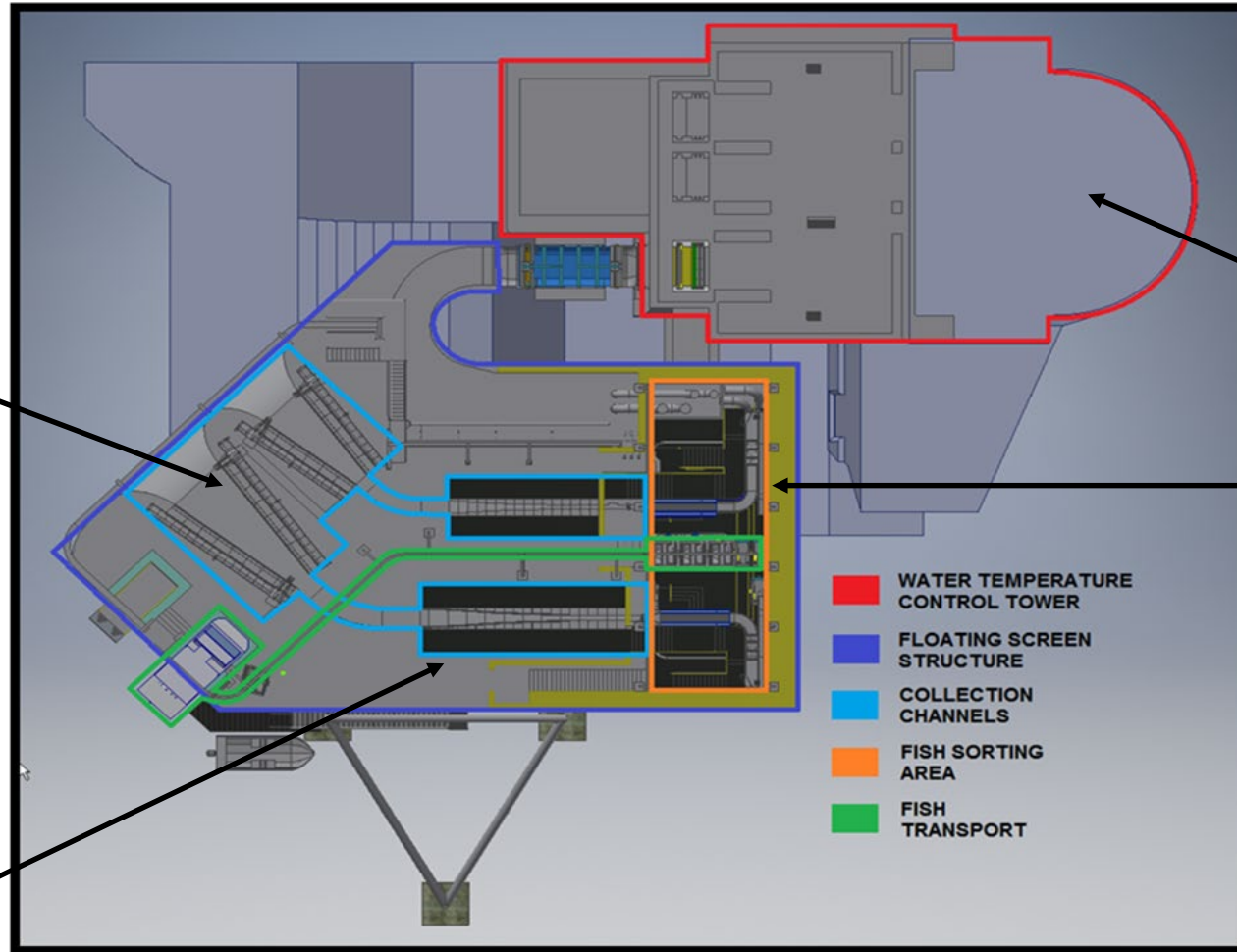
# FLOATING SCREEN STRUCTURE

Primary dewatering screens

Water Temperature Control Tower

Fish sorting and holding area

Secondary dewatering screens



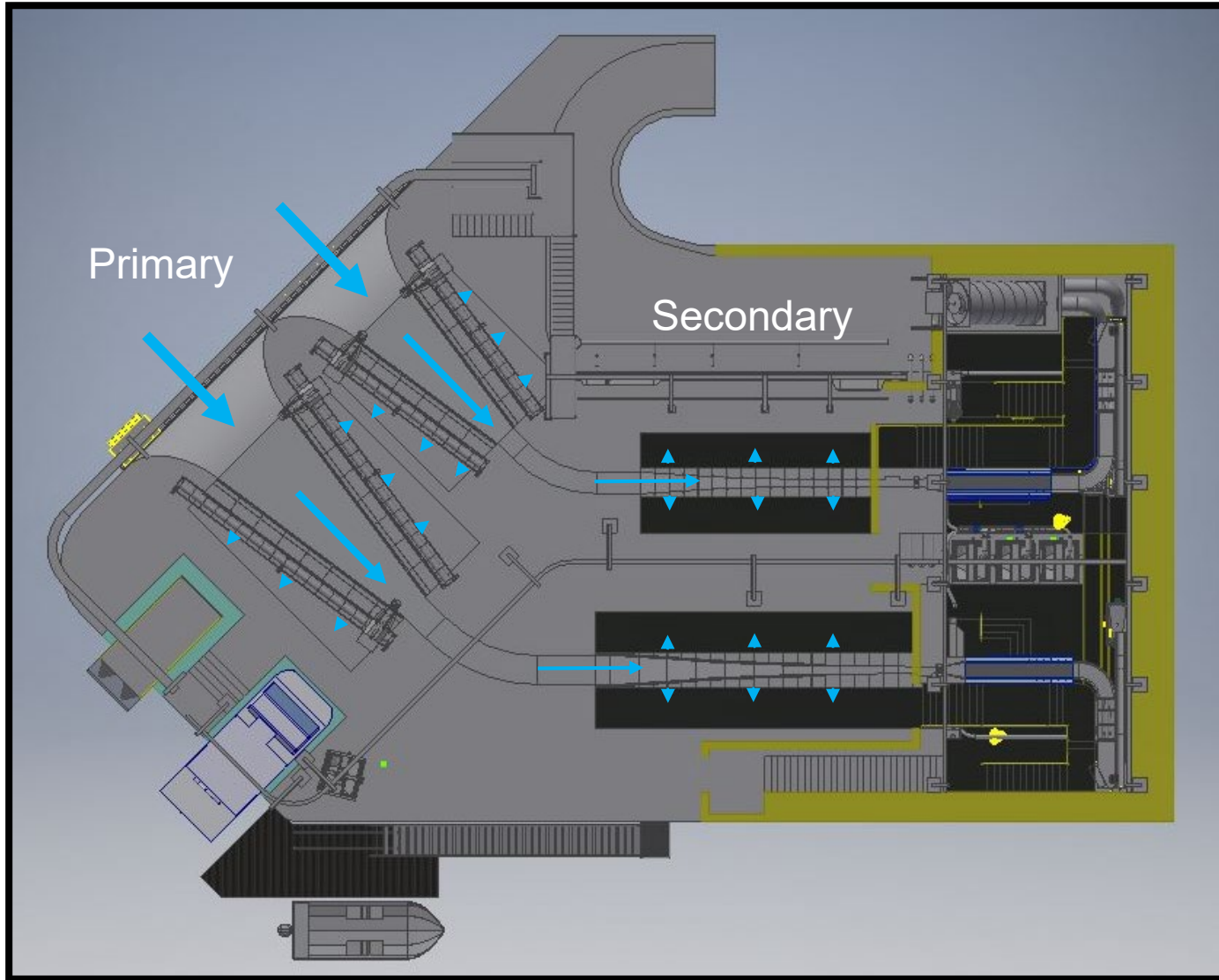
- WATER TEMPERATURE CONTROL TOWER
- FLOATING SCREEN STRUCTURE
- COLLECTION CHANNELS
- FISH SORTING AREA
- FISH TRANSPORT



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# FSS WATER PATH



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# PHYSICAL MODEL



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# PHYSICAL MODEL



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# PHYSICAL MODEL



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# SCHEDULE UPDATE

## DDR Update

- 90% DDR completed December 2018

## Plans & Specifications Update

- Plans & Specifications kicked off – December 2018
- 30% Plans & Specifications – March 2019
- 60% Plans & Specifications – July 2019
- 90% Plans & Specifications – November 2019

Construction Begins – 2020

Construction Completion – 2022

Floating Screen Structure – Operational - 2023



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# HOW TO PROVIDE INPUT

Draft Environmental Assessment Public Comment Period  
March 11 – April 10, 2019

Available online: [www.nwp.usace.army.mil/willamette/cougar/fish-passage](http://www.nwp.usace.army.mil/willamette/cougar/fish-passage)

## Submit comments on the draft EA



By email:

[\*cougar.fish.passage@usace.army.mil\*](mailto:cougar.fish.passage@usace.army.mil)



By mail:

***Kelly Janes, U.S. Army Corps of Engineers  
Attn: PM-E, PO Box 2946 Portland, OR  
97208-2946***



In person:

***Written input can be given to any project  
staff at public meetings***

Want updates on the project? Send an email with the subject line:  
"cougar downstream passage distribution list"



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# PRODUCT DELIVERY TEAM

- Chris Budai-Project Manager
- Erica Tarbox-Technical Lead
- April Bardy-Mechanical Engineer
- Dave Bardy-Chief Technical and Contracts
- Sally Bird-Gauvin-Archeologist
- Joseph Brackin-Electrical Engineer
- Jeremy Britton-TL/Geotechnical Engineer
- Norm Buccola-Hydraulic Engineer
- David Croker-Environmental Health and Safety Specialist
- Sean Crosley-Structural Engineer
- Natalie Ehrlich-Geotechnical Engineer
- Ray Flint-Mechanical Engineer
- David Griffith-Fisheries Biologist
- Leanne Holm-Attorney
- Kelly Janes-Physical Scientist
- Jeremy Kaufmann-Structural Engineer (EIT)
- Louis Landre-Economist
- Ben Leake-Mechanical Engineer
- Aaron Litzenberg-Hydraulic Engineer
- James McMahon-Engineering Technician-Civil
- Robert McPherrren-Contract Specialist
- Erica Medley-Geologist
- Marie Phillips-Hydraulic Engineer
- Todd Pierce-Fisheries Biologist
- Joel Prusi-Structural Engineer
- Eugene Rimkeit-Electrical Engineer
- Michael Schoch-Structural Engineer
- Mary Karen Scullion-Hydraulic Engineer
- Jeff Sedey-Civil Engineer
- Gavin Smith-Structural Engineer
- Ryan Souders-Mechanical Engineer
- Nathan Stormzand-Civil Engineer
- Greg Taylor-Fisheries Biologist
- Chris Walker-Fisheries Biologist
- Brent Welton-Mechanical Engineer
- Kenji Yamasaki-Civil Engineer
- Kelli Zak-Architect



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