

FISH BARRIER REMOVAL BOARD

MEETING MATERIALS

FEBRUARY 16, 2016

Watershed Pathway

Watershed Pathway Update Presentation

FBRB Map Template

Newaukum Map Example

Coordinated Project Pathway

Draft project readiness scoring criteria

Draft Project Ranking Criteria

Council of Salmon Recovery Regions' Proposal

Watershed Pathway

Watershed Pathway Updates

2/16/2016

Fish Barrier Removal Board

Presented by WDFW Staff

Watershed Pathway Updates

- Overview & Timeline
- Template Map review
- Progress on identifying focus reaches
 - Coast HUC 10 – Stacy Polkowske
 - Puget Sound – Gina Piazza
 - Columbia River Regions – Dave Collins/Cade Roler
- Questions from the field
- Discussion

Approved Watershed Nominations

Statewide

- Lower Columbia
 - Lower Cowlitz
- Yakima River
 - Wilson/Cherry
- Snake River
 - Grande Ronde Tribs
 - Snake River Tribs
- Upper Columbia
 - Okanogan

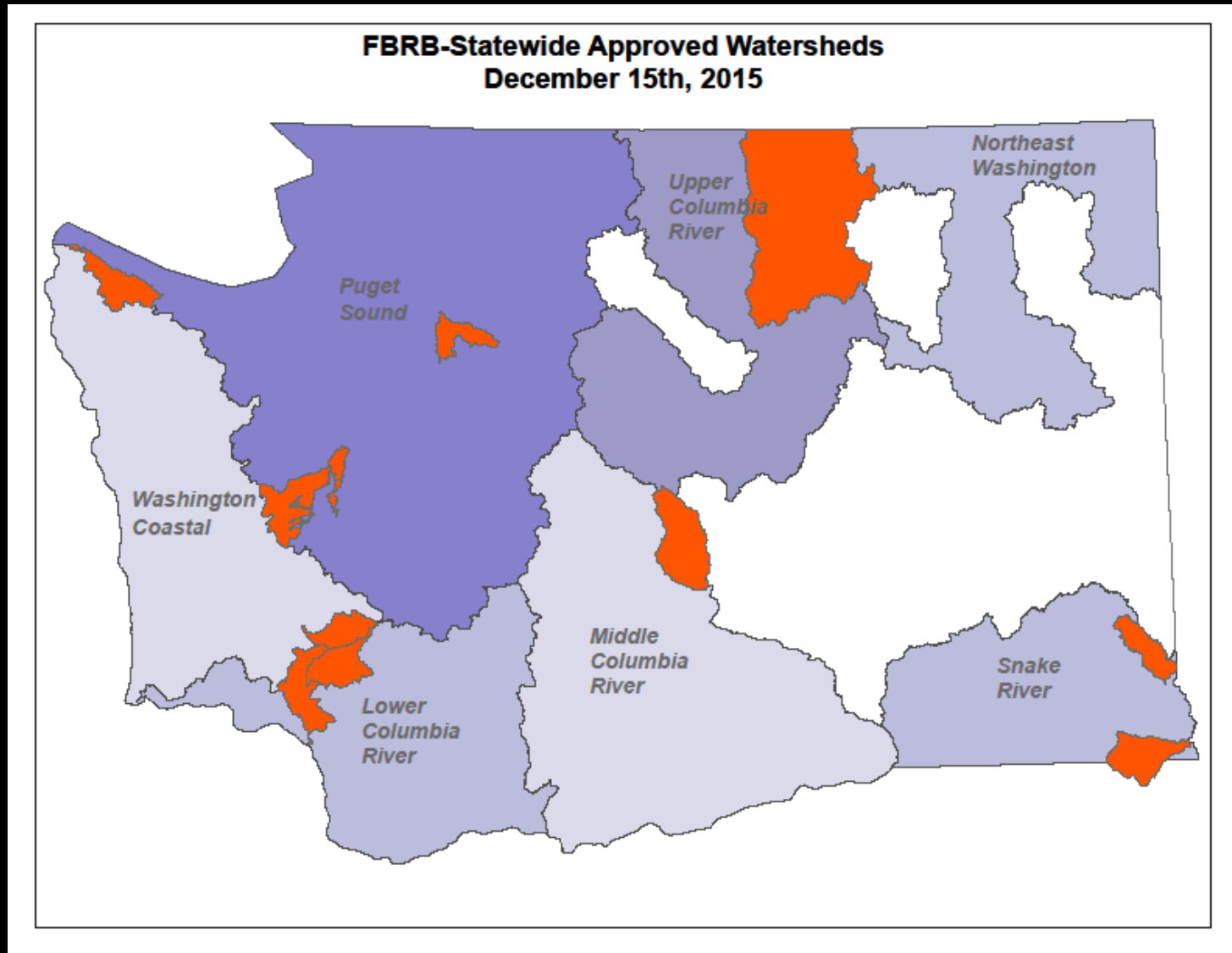
Puget Sound

- Pilchuck Creek
- Goldsborough Creek
- Pysht River

Coast

- Newaukum

Approved Watershed Nominations



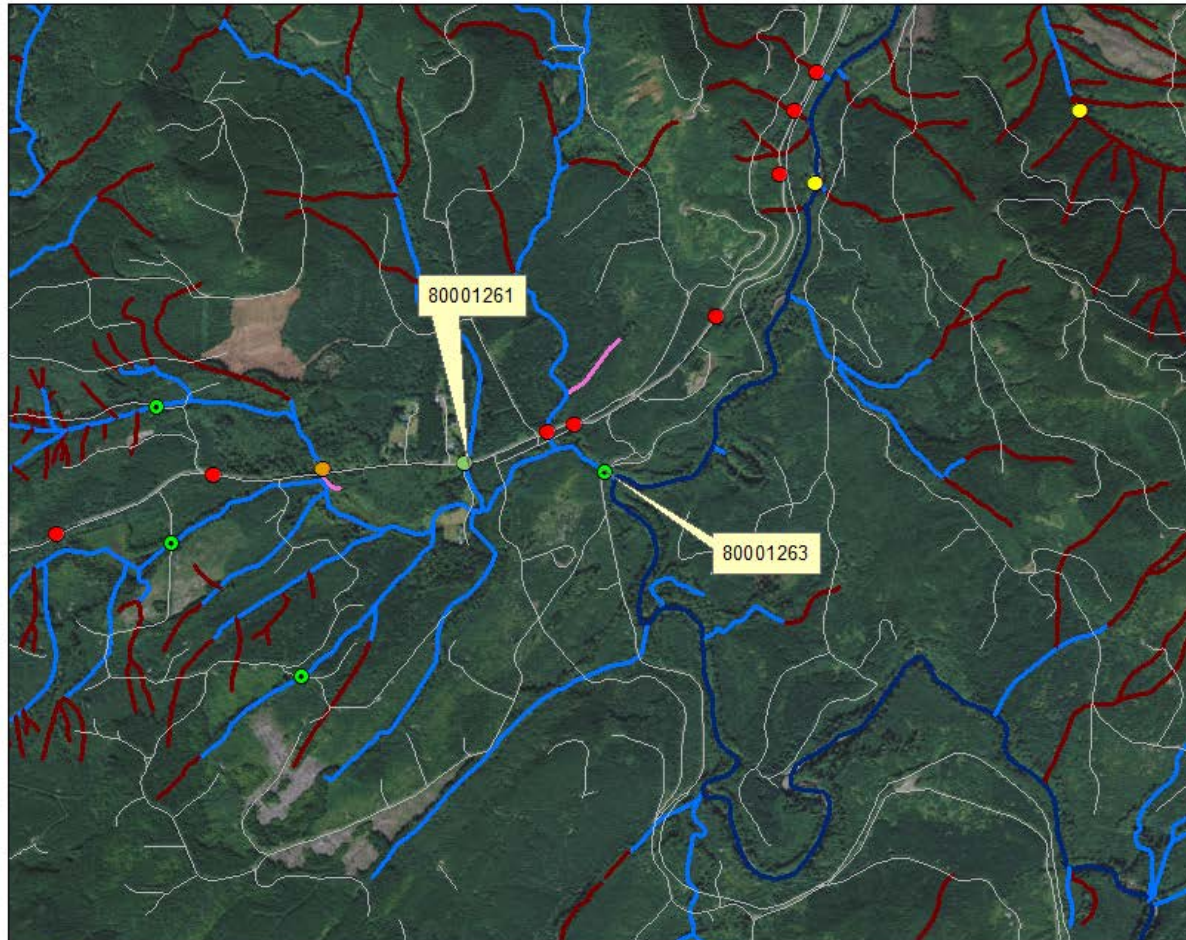
Workflow Timeline

- **January – May**
 - Focus reach identification
 - Initial pre-scoping and landowner permissions
 - Funding package development
- **May Board Meeting**
 - Initial approval of projects of both grant pathways
- **May – July**
 - Feasibility, cost-estimates, additional scoping, engineering review
- **August Board Meeting**
 - Approval of project list

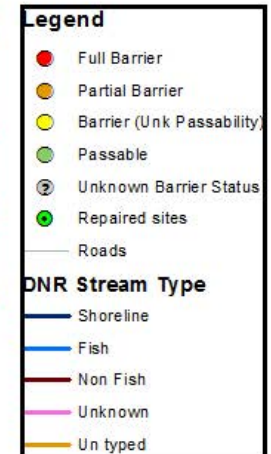
Draft Template Map

Creek Name Package Priority #

Fish Passage Barrier
Removal Board

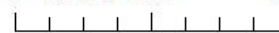


County:
WRIA:
Cr, Trib to
Fish Sp:
Net Habitat Gain: miles
US Barrier(s):
DS Barrier(s): 0
Map Made: DATE
BIO NAME



LE name, HUC 10 name

0 0.175 0.35 0.7 Miles

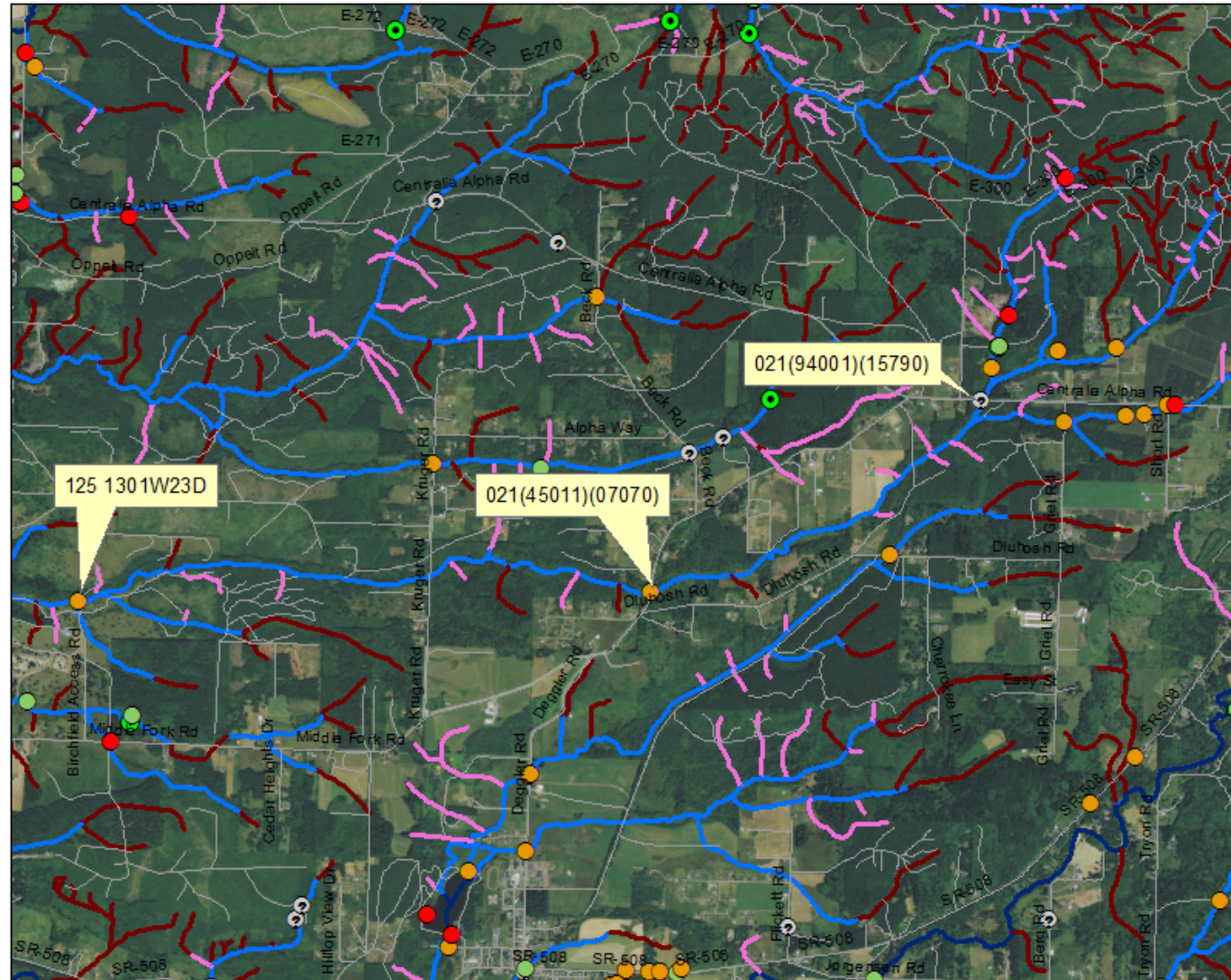


WA Coast HUC 10- Newaukum

- Funding Packages Under Development
 - Middle Fork Newaukum (Priority 1)
 - L. South Fork Newaukum (Priority 2)

Middle Fork Newaukum - Package Priority #1

Fish Passage Barrier Removal Board



County: Lewis
 WRIA: 23
 Trib to: Newaukum River
 Fish Sp: CO, WSH, CT
 Net Habitat Gain: 7 miles
 US Barrier(s): 7
 DS Barrier(s): 0
 Map Made: 02/12/2016
 Polkowske

Legend

- Full Barrier
- Partial Barrier
- Barrier (Unk Passability)
- Passable
- Unknown Barrier Status
- Repaired sites
- Roads

DNR Stream Type

- Shoreline
- Fish
- Non Fish
- Unknown
- Un typed



Washington Coast Sustainable Salmon Partnership
 Chehalis Lead Entity
 HUC 10 Newaukum



MF Newaukum

125 1301W23D

- Ownership: Private
- Rd Name: Private
Logging Rd
- Barrier: Yes
- Passability: 33%
- Reason: Slope (11%)
- Existing: 7.8-ft round
corrugated steel pipe,
19-ft long
- River Mile: 3.44
- BFW: 23 feet
- Toe width: 15 feet
- Estimated Cost:
\$443,200

MF Newaukum 125 1301W23D

- Inlet



- Outlet



MF Newaukum

021 (45011)(07070)

- Ownership: County
- Rd Name: Middle Fork Rd, MP 7.07
- Barrier: Yes
- Passability: 67%
- Reason: Velocity
- Existing: 6.8-ft squash corrugated steel pipe, 48-ft long
- BFW: 15 feet
- Toe width: 11 feet
- Estimated Cost:

MF Newaukum

021 (94001)(15790)

- Ownership: County
- Rd Name: Centralia
Alpha Rd, MP 15.79
- Barrier: Unknown
- Passability: Unknown,
Level B Required
- Existing: 7.2-ft squash
corrugated steel pipe,
57-ft long
- BFW: 11.4 feet
- Toe width: 7.7 feet
- Estimated Cost:

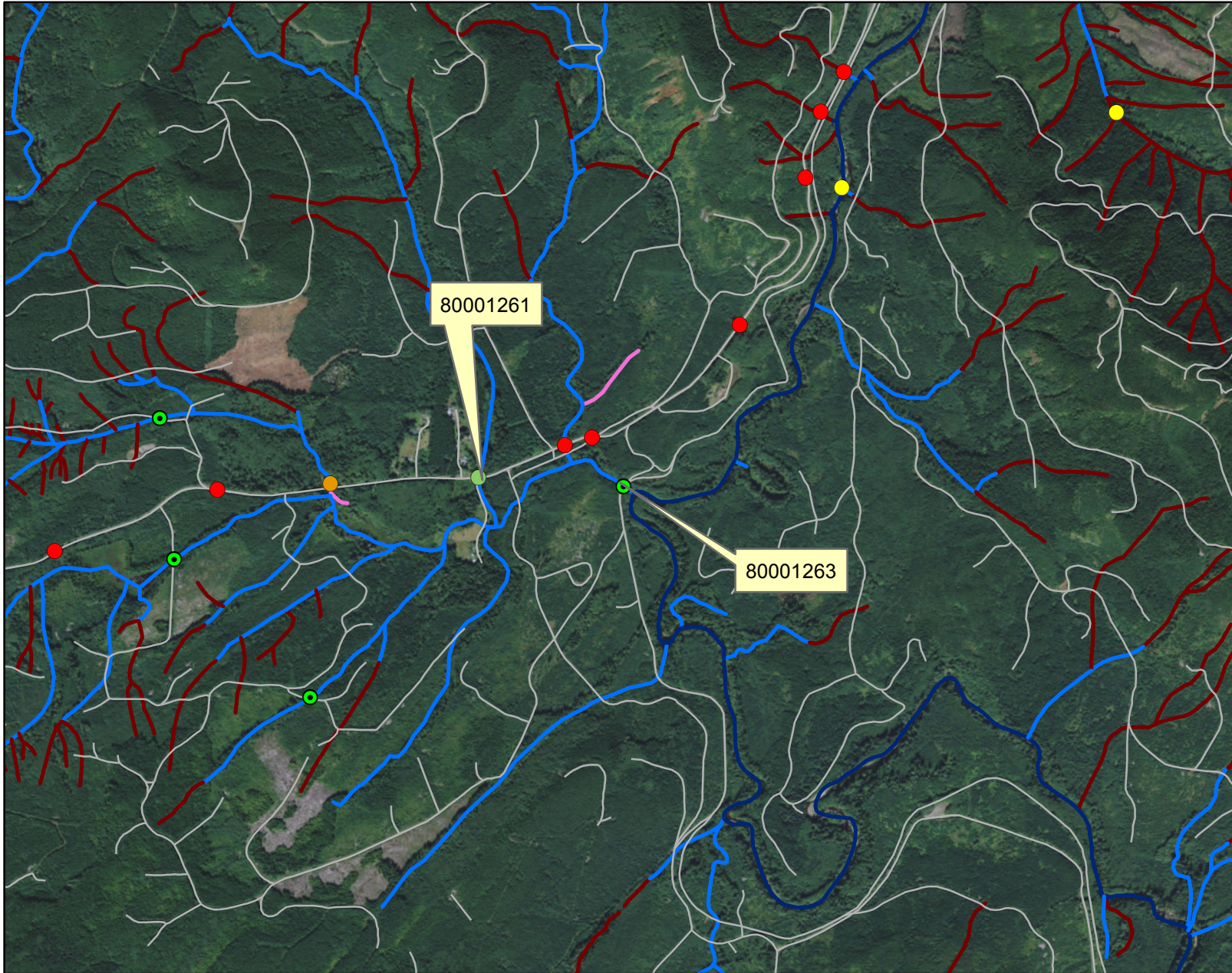
MF Newaukum

021 (94001)(15790)



Creek Name Package Priority

Fish Passage Barrier Removal Board



County:
 WRIA:
 Cr, Trib to
 Fish Sp:
 Net Habitat Gain: miles
 US Barrier(s):
 DS Barrier(s): 0
 Map Made: DATE
 BIO NAME

Legend

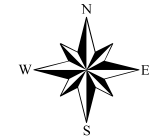
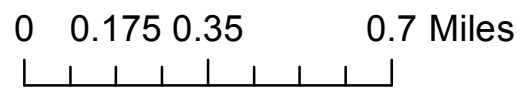
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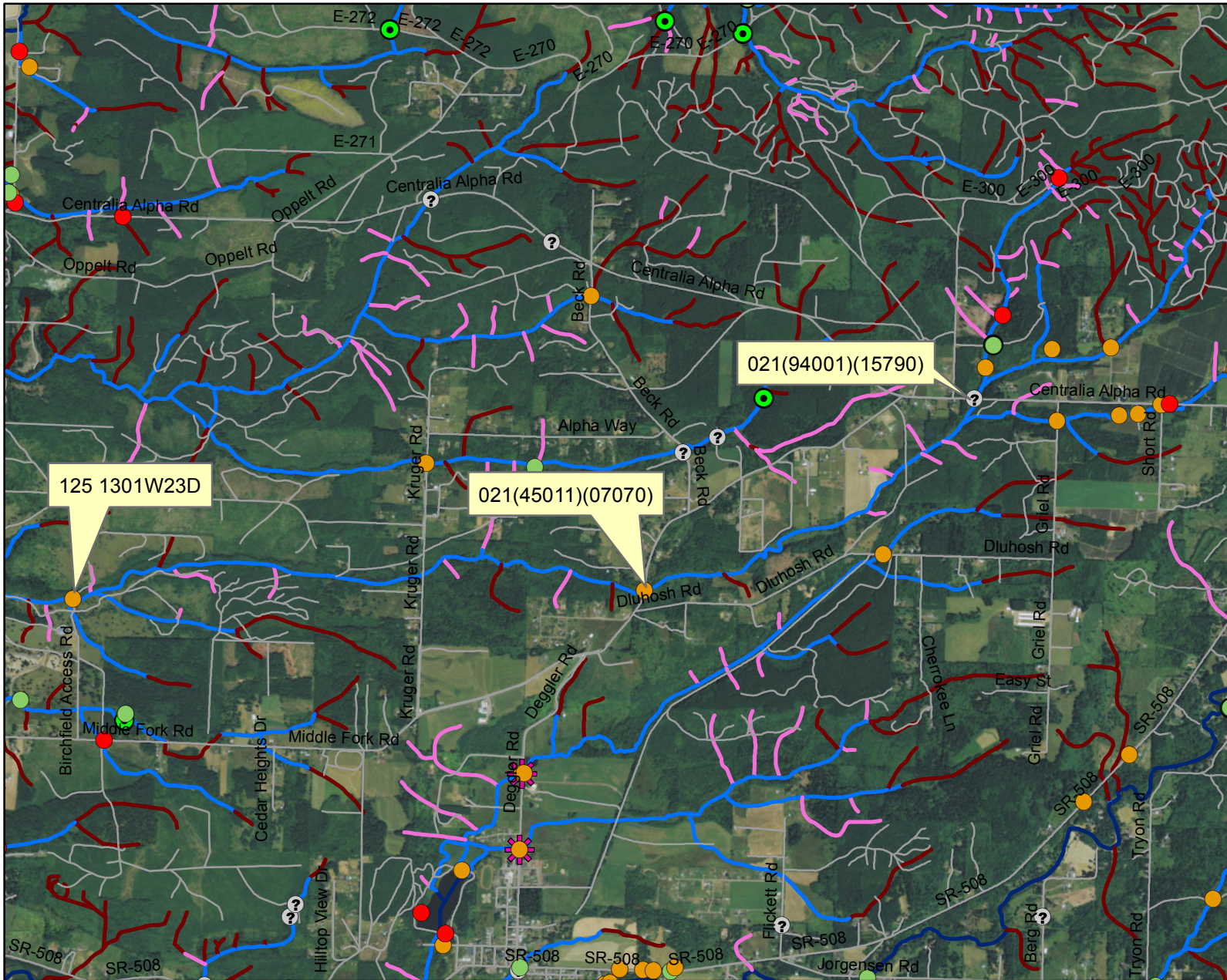


LE name, HUC 10 name



Middle Fork Newaukum - Package Priority #1

Fish Passage Barrier Removal Board



County: Lewis
 WRIA:
 Trib to: Newaukum River
 Fish Sp: CO, WSH, CT
 Net Habitat Gain: miles
 US Barrier(s): 7
 DS Barrier(s): 0
 Map Made: 02/12/2016
 Polkowske

Legend

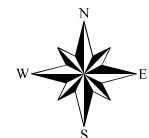
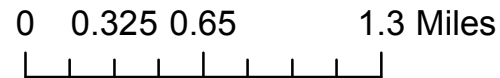
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Washington Coast Sustainable Salmon Partnership
 Chehalis Lead Entity
 HUC 10 Newaukum



Coordinated Project Pathway

Project Readiness Scoring:

Score of 1 - Nominated site(s)' barrier status is unknown.

- No information/details were provided by the nominating agency.

Score of 2 – Nominated site(s) have known barrier status, have geospatial reference, cooperative property owners, and some site evaluation. Types of information we consider may include:

- No design work – conceptual designs
- No cost estimates
- Early planning stages
- Scoping and design needed

Score of 3 – Nominated site(s) have at least 30% - 50% engineering design, cooperative property owners, some site evaluation, cost estimations, have a designated project manager/sponsor. Types of information we consider may include:

- Feasibility studies are complete
- Replacement structure determined
- Any easements necessary have been reviewed
- Project could be implemented within 2 years of funding

Score of 4 – Nominated site(s) have between 50% - 99% engineering designs, all planning completed, cooperative property owners, scoping nearly completed, comprehensive cost estimates, and designated project manager/sponsor. Types of information we consider may include:

- Permit applications are active
- Cultural resources are complete
- Project could be implemented within 1 year of funding
- Previously completed designs that will require extensive review

Score of 5 - Nominated site(s) have a designated sponsor, completed designs, permits acquired, matching funds, and land owner agreements.

- Project is highly ready and awaits funding for construction
- Project has a completed work schedule and work bid

Score Conversion for Project Readiness

- Score of 1 – 1 Point
- Score of 2 – 3 Points
- Score of 3 – 5 Points
- Score of 4 – 6 Points
- Score of 5 – 8 Points

DRAFT

Coordinated Project Pathway Ranking Criteria:

1. Linear Gain

- Sort by largest to smallest in spreadsheet
- Look at the scores of the top 50 projects

1a. Linear Gain Point System

- 0-2 Miles – 1 Point
- 2-4 Miles – 2 Points
- 4-6 Miles – 3 Points
- 6-8 Miles – 4 Points
- 8-10 Miles – 5 Points
- ≥ 10 Miles – 6 Points

2. Project Readiness (Individual Project Scale)

- Score of 1 – 1 Point
- Score of 2 – 3 Points
- Score of 3 – 5 Points
- Score of 4 – 6 Points
- Score of 5 – 8 Points

3. Barrier Status

- Total Barrier – 5 Points
- 33% Passable – 4 Points
- 67% Passable – 3 Points
- Unknown – 2 Points
- 100% Passable – 0 Points

4. Are there unknown passable crossings or barriers downstream of the package?

- No – 5 Points
- 1 Unknown Passable crossing – 3 Points
- ≥ 2 Unknown Passable crossings – 2 Points
- Partial Barrier(s) – 1 Point
- Total Barrier(s) – 0 Points

5. Number of anadromous species/stock

- 1 Point for each species

6. Stock Status – Highest level of protection for a present species (SalmonScape)

- 1 Point - Unwarranted
- 2 Points – Species of Concern/Candidate
- 3 Points – Threatened
- 4 Points – Endangered or more Than 1 Threatened Species

7. Level of Coordination (Restoration within the last 5 years)

- No recent restoration – 0 Points
- 1 Project – 1 Point
- 2 Projects – 2 Points
- 3-4 Projects – 3 Points
- 5-6 Projects – 4 Points
- ≥ 7 Projects – 5 Points

Proposal

WASHINGTON STATE'S REGIONAL SALMON RECOVERY ORGANIZATIONS



February 8, 2016

Dave Price, Chairman
Fish Passage Barrier Removal Board
WA Department of Fish and Wildlife
600 Capitol Way North
Olympia, WA 98501



Dear Chairman Price,

The Washington regional salmon recovery organizations appreciate the opportunity to work with the Fish Passage Barrier Removal Board in their work to identify barriers for removal utilizing the state's existing salmon recovery framework. Restoring fish passage is a high priority action identified in all of the regional salmon recovery plans. We applaud the Board for not attempting to reshuffle existing evaluation methods and focusing on developing a coordinated strategy that will leverage new funding sources. In keeping with the FPBR Board's vision, each of the salmon recovery regions has extensive experience in assessing and prioritizing fish passage projects and have proactively conducted local landowner outreach, completed barrier inventories, feasibility studies and designs.



The regional directors would like to strengthen their relationship with the FPBRB and ask that you consider adding a regional director to your Board membership. Mr. Steve Martin, Executive Director of the Snake River Salmon Recovery Board has been unanimously nominated and we would like to put forth his name for consideration.



We look forward to future collaboration and thank you for your consideration.



Sincerely,

Jeff Breckel
Executive Director
Lower Columbia Fish Recovery Board
Chairman, Council of Salmon Recovery Regions



Cc: Brian Abbott