

MEMORANDUM

DATE: May 8, 2018

TO: Fish Passage Barrier Removal Board

FROM: Neil Aaland

SUBJECT: Signage for funded projects - motion

Background

The Board discussed signage for FBRB-funded projects at the last meeting, and at two meetings in 2017. Interest has been expressed in having signage for projects funded by the Board. The idea is to celebrate Brian Abbott's contributions as well as provide some information about FBRB funding. I was asked to work with Dave Caudill, and to prepare a motion for consideration by the Board.

Dave provided a picture of a similar sign (see below). Tom Jameson also provided a copy of a sign he saw recently in British Columbia (see below). These examples can give you an idea of what the signs can look like. Dave thinks the cost for a sign and a metal post is between \$150 - \$180.

One issue was raised by Jon Brand at the April meeting; he wondered whether a sign should be posted during construction. The proposal in the motion below does not include that idea, but the Board should discuss this prior to the motion

Proposed Motion

Motion: Move to require project applicants to install a sign:

1. Sign will be provided at no cost by the FBRB/RCO, for projects receiving FBRB funding.
2. The sign will state that funding was provided by the Brian Abbott FBRB funding program, and be posted at the completion of construction.
3. Long-term maintenance of the sign will not be required.
4. Staff is asked to come back to the Board at a future meeting with several design ideas to consider.



Neil L. Aaland, AICP

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June 30, 2017

TO: FBRB

FROM: Neil Aaland 

RE: FBRB Workplan with Communication Tasks

This memo is to provide background on the updated document provided for the July meeting of the FBRB. The workplan itself was approved by the FBRB at the April meeting. The list of tasks for the communication plan was reviewed at the March meeting. I was asked to review the remainder of the communication plan with the communications subcommittee and bring back a full revised plan for approval at a future meeting.

The communications subcommittee met on June 5. After review and discussion, it was decided to suggest leaving the remainder of the communications plan to serve as a point of reference and not propose any additional updates to the body of the document. There is a lot of good information in there that can serve as a historical reference. If the FBRB decides, at a future point, to update the objectives or any other item in the communications plan, it can do so.

The update recommended by the communications subcommittee was to include the updated list of tasks as a chapter of the overall FBRB workplan. This brings all the tasks for the FBRB into one document.

The workplan document for the July meeting reflects that addition. The agenda action is to approve the list of tasks as an element of the workplan, and approve the concept of leaving the existing communication plan as a reference point.

Fish Barrier Removal Board

*Work Plan*¹

In 2014, the Washington State Legislature created the Fish Passage Barrier Removal Board to develop a coordinated barrier removal strategy and provide the framework for a fish barrier grant program. The board is established by Chapter 77.95 RCW. This workplan is intended to serve as a guide for the Board's work over the next several years. It will be reviewed annually. The due dates for each action are intended to be general, since the Board's workload will be variable, and actual dates may be later.

Mission

The duty of the board is to identify and expedite the removal of human-made or caused impediments to anadromous fish passage in the most efficient manner practical through the development of a coordinated approach and schedule that identifies and prioritizes the projects necessary to eliminate fish passage barriers caused by state and local roads and highways and barriers owned by private parties.²

Values

The board values all aspects of salmon recovery and the existing structure developed under the 1999 Salmon Recovery Act, and provides a statewide fish barrier removal strategy and program funding recommendations to the legislature. The board will ensure that the processes to identify, prioritize and fund projects are based on maximizing the opening of high quality habitat through a coordinated investment strategy that prioritizes projects necessary to eliminate fish barriers owned by state and local government, tribes, private parties, and others. This investment strategy values (1) opening high quality salmon habitat that can contribute to salmonid recovery, (2) coordinating with others doing barrier removals to achieve the greatest cost savings, and (3) correcting barriers located furthest downstream.

To achieve the mission, goals, and values the Board will:

- Improve coordination of existing fish passage programs to increase the benefits of barrier removal among multiple jurisdictions.
- Expedite the removal of barriers in the most efficient manner practical through economy of scale and streamline permitting processes.
- Facilitate collaboration, coordination, and communication among state, federal and local agencies, tribes, regional salmon recovery organizations, salmon recovery lead entities, regional fisheries enhancement groups, conservation districts, restoration contractors, landowners and other interested stakeholders on fish passage improvement programs and projects.
- Expedite implementation of on-the-ground projects by identifying and addressing institutional hurdles.
- Educate and increase the public and agency awareness of fish passage issues to develop support for solving problems and preventing new ones.
- Seek funding sources for fish passage projects within Washington and administer a strategic funding program to further the Board's mission once funding is secured.

¹Workplan update approved April 2017; list of communications tasks approved and added July 2017

² RCW 77.95.160 (2) (a)

Goals & Actions

The board provides support to local fish passage programs based on its priorities, available resources, and emergent opportunities.

Goal 1: The Washington Department of Fish & Wildlife shall chair and administer a Fish Passage Barrier Removal Board (FBRB).

- A. *Action:* The WDFW will chair and provide staff support for the Fish Barrier Removal Board.³ The membership of the Board includes, as specified in the statute, other state agencies, the governor's salmon recovery office, tribes, and representatives of local governments.

Responsible Party/Timeline: WDFW/Ongoing

- B. *Action:* Internal communication: Create clear communication to describe board role and duties. Develop or update a communication strategy, work plan, fact sheet, and webpage.

Responsible Party/Timeline: FBRB/Ongoing

- C. *Action:* Internal communication: The Board will review its bylaws on an annual basis.

Responsible Party/Timeline: FBRB/annually; next review summer 2017

- D. *Action:* The Board should periodically review the current membership of the FBRB and consider adding members as appropriate. The Board will consider how to determine when new members are needed.

Responsible Party/Timeline: Chair and FBRB/next review summer 2017

- E. *Action:* The Board will develop and implement an annual work plan.

Responsible Party/Timeline: FBRB/Initially adopted July 2015; currently under review

Goal 2: The Board will strive to operate transparently and reach out to interested parties in developing and implementing its programs.

- A. *Action:* In order to gain support for the Board's activities and build momentum, the Board will identify communication strategy elements and timeframes for implementing them. Elements may include developing key messages; identifying target audiences for each type of messaging; coordinating with other fish barrier removal programs; deciding how to share information developed by this Board; connecting with other entities including the federal government, tribes, the inter-tribal fisheries commissions, and railroads; and deciding on an education and information strategy. Several key implementers should be specifically addressed, including state agencies, tribes, and local governments. Low cost early activities should also be considered and included in the strategy. The strategy should be reviewed annually by the Board.

Responsible Party/Timeline: WDFW, with assistance from an outside communications expert and other FBRB members/An initial communication strategy was adopted in December, 2015. Revisions are currently under review (spring, 2017).

³ RCW 77.95.160 (1): "The board must be composed of a representative from the department, the department of transportation, cities, counties, the governor's salmon recovery office, tribal governments, and the department of natural resources. The representative of the department must serve as chair of the board and may expand the membership of the board to representatives of other governments, stakeholders, and interested entities."

- B. *Action:* A biennial conference on salmon recovery is held during odd-numbered years. A number of key players involved in fish passage barrier removal projects attend this conference. The work of the Board can be shared with others interested in the same issues, and opportunities to coordinate and share information can be pursued. The FBRB participated in the May 2015 conference and is scheduled to participate in the April 2017 conference. It will continue to participate in future conferences.

Responsible Party/Timeline: Chair, other members of the FBRB/Odd-numbered years beginning in 2015

- C. *Action:* WDFW will prepare reports to the legislature as needed. *Responsible Party/Timeline:* WDFW and other FBRB members as requested/As needed.

- D. *Action:* Foster ongoing partnership with the Washington Forest Protection Association for outreach and to clarify efforts to coordinate with the barrier removal projects of their members.

Responsible Party/Timeline: WDFW/Ongoing

- E. *Action:* Develop a website specifically for the FBRB (stand-alone and not connected to an agency)

Responsible Party/Timeline: WDFW/June 2017

Goal 3: The FBRB will continue to refine its coordinated approach to identifying and expediting the removal of fish passage barriers.

As noted in the enabling legislation, “The duty of the board is to identify and expedite the removal of human-made or caused impediments to anadromous fish passage in the most efficient manner practical through the development of a coordinated approach and schedule that identifies and prioritizes the projects necessary to eliminate fish passage barriers caused by state and local roads and highways and barriers owned by private parties.”⁴ The initial approach has been developed, and it should continue to be refined to reflect opportunities that exist within existing funding and programs as well as opportunities that will be provided by the future grant program.

- A. *Action:* Refine the statewide coordinated approach. Sub-actions needed to accomplish this action are listed in the table below:

⁴ RCW 77.95.160 (2) (a) “The duty of the board is to identify and expedite the removal of human-made or caused impediments to anadromous fish passage in the most efficient manner practical through the development of a coordinated approach and schedule that identifies and prioritizes the projects necessary to eliminate fish passage barriers caused by state and local roads and highways and barriers owned by private parties.”

SUB-ACTION	BY WHOM	TIMELINE
1. Continue to refine a prioritization methodology aimed at prioritizing which focus areas should be addressed first.	FBRB	Ongoing
2. As directed by RCW 77.95.160 (2)(C), develop a plan to coordinate information sharing and coordination between the FBRB and other entities involved in fish passage barrier removal projects. The plan should address how the FBRB will coordinate with other state and federal programs on project funding lists; how communication and outreach will work; and how the information already known can be shared.		
3. The FBRB will discuss technical assistance through the program and how it has been provided. This is referenced in RCW 77.95.170 (5) (b). Determine the scope of technical assistance that WDFW needs to provide, including barrier inventory training and other training/technical assistance needed. Develop the “technical assistance toolbox” that WDFW will offer.	WDFW with FBRB assistance	By Summer 2017
4. The authorizing legislation explains that there is a partnership between WSDOT and WDFW to identify and complete fish passage barrier removals. WSDOT will annually review their work and look for opportunities to coordinate with the FBRB. It is not intended that the FBRB has any oversight, but rather this information will inform the work of the FBRB.	WSDOT	October 2017
5. Develop and approve a grant manual for use by grant administrators.	FBRB and RCO	Spring 2017
6. Track relevant issues including the impacts of stormwater on fish, climate change, and the issue of partial and full barriers downstream from barriers proposed for correction.	FBRB	As appropriate

Goal 4: The FBRB will strive to seek out available data and information and develop ways to make data and information readily available.

- A. *Action:* The FBRB will receive a database management update from WDFW. This will include a general briefing from WDFW and a demonstration of the database, as well as a discussion of information from other entities that is included in the database.

Responsible Party/Timeline WDFW/Spring/Summer 2017

- B. *Action:* After the update discussed in Action A above, the FBRB will consider establishing a subcommittee to further discuss and explore this topic. Considerations will include data and information from WDFW and from other entities including other state agencies, tribes, and the private sector if available. This will also address appropriate timing for obtaining RMAP information from WDNR.

Responsible Party/Timeline: FBRB/establish subcommittee and begin work following the briefing.

- C. *Action:* Document the training that WDFW has provided as directed by RCW 77.95.170 (5)(b). The purpose of the training is to increase the awareness and consistency of fish passage barrier data collection, use of WDFW’s database, and modern techniques of fish passage barrier correction methods.

Responsible Party/Timeline: WDFW/Ongoing

Goal 5: The FBRB will develop a Grant Program for distributing available funding in an efficient and effective manner.

- A. *Action:* Continue to refine the grant program that will allocate available funding, and address elements including match requirements, whether and how funding might be allocated between regions, provisions for opportunities that emerge (“just-in-time” or “shovel-ready” projects) and other factors. *Responsible Party/Timeline:* FBRB/Ongoing

Goal 6: The FBRB will participate in efforts to streamline Project Permitting and seek ways to efficiently use mitigation funding for barrier removal projects.

- A. *Action:* Seek permitting efficiencies and streamlining regarding federal permits. Coordinating with the Governor’s office, initiates contact with USACE, NOAA, and USFWS to explore and develop the feasibility of bundling of projects under any available nationwide permits for the purpose of achieving streamlined federal permitting.

Responsible Party/Timeline: WDFW/ Ongoing

- B. *Action:* Seek authority to use local and state mitigation monies for barrier removal projects. There should be the ability to determine that local and state mitigation funding would be better used for barrier removal projects in some instances.

Responsible Party/Timeline: FBRB/Ongoing

TIMELINE FOR ACTIONS

This table presents, in chronological order, the actions included above under Goals 1 – 6. They are summarized below; see discussion under each Goal for details of each action.

ACTION	TIMELINE	RESPONSIBILITY
Chair and Support Fish Passage Barrier Removal Board	Ongoing	WDFW
Review internal bylaws and communication	Ongoing	FBRB
Review bylaws annually	Summer 2017	FBRB
Periodically consider FBRB membership	Summer 2017	Chair and FBRB
Develop workplan and update annually	Adopted July 2015; currently under review	FBRB
Periodically review and update communication plan	Adopted December 2015; currently under review	WDFW w/FBRB assistance
Participate in Salmon Recovery workshops	Biennial in odd-numbered years	Chair/other members
Foster ongoing partnership with WFPA	Ongoing	WDFW
Review and refine the approved prioritization methodology	As needed	FBRB
Describe ongoing technical assistance and identify gaps	Summer 2017	WDFW w/FBRB assistance
Annual report to FBRB on WSDOT and WDFW coordination efforts	October 2017	WDFW, WSDOT
Database presentation to FBRB	Spring/Summer 2017	WDFW
Training program presentation to FBRB	Fall 2017	WDFW
Continue to refine grant program	Ongoing	FBRB
Seek efficiencies/streamlining for federal permits	Ongoing	WDFW
Seek authorization for using local/state mitigation funding for barrier removal projects	Ongoing	FBRB

Communications Tasks Updated list approved July 2017

The FBRB Communications Plan was previously adopted in December 2015 as a stand-alone document. The FBRB reviewed and updated the Plan in Spring, 2017. A decision was made to leave most of the plan as a stand-alone document, for reference purposes, and only update the action items at this time. The action items below are now incorporated as an element of the FBRB Workplan.

PRIORITY ACTIONS

- 1) DEVELOP A COMPELLING STORY THAT COMMUNICATES THE VALUE AND URGENCY OF FISH PASSAGE BARRIER REMOVAL.
 - FBRB must work to tell a compelling story of the general value of fish passage and the Fish Passage Barrier Removal Board.
 - It will be important to share the story consistently on all channels as outlined in the Priority Actions (6, 7, and 9).
 - FBRB must update the story to include the details of the program. And they must update the story on all channels.
 - It will be important to incorporate visuals, maps, and pictures to make the story more engaging.
 - Ideas for additional videos include explaining why some culvert fixes appear to be large; why is there such a narrow construction window; what is a partial barrier; how many barriers still exist; and why construction can take longer than people expect.
- 2) MEET WITH THE SALMON RECOVERY FUNDING BOARD TO INSPIRE THEM TO ENGAGE AND INVEST IN FISH PASSAGE AND FBRB.
 - The Salmon Recovery Funding Board (SRFB) is an essential partner in the effort to promote fish passage barrier removal. A collaborative approach should be developed. FBRB members should continue to meet with them and regularly appear as part of their meeting agendas.
 - Reach out to the Chehalis Basin program and see if there are logical connections.
 - Work with the SRFB regarding engaging with Lead Entities around communication.
 - Consider collaborating with the SRFB regarding future use of the Intrinsic Potential model (used to develop project priorities in Puget Sound)
- 3) ESTABLISH THE FBRB AS A RESOURCE TO HELP FISH PASSAGE BARRIER OWNERS TO COMPLETE BARRIER REMOVAL PROJECTS INDEPENDENTLY.
 - FBRB must establish itself as a trusted resource for information, guidance, and inspiration.

- Even while the details of the FBRB program are being developed, it will be important to reach out to state agencies, cities, counties and others to share that the resources are being developed.
- 4) TRAIN KEY MESSENGERS AND EQUIP THEM WITH TOOLS AND AN OUTREACH STRATEGY TO TELL THE STORY OF FISH PASSAGE.
- For the initial list of external and internal audiences, please see section IV. Audiences.
- 5) UPDATE THE FBRB WEBSITE, ONLINE PRESENCE, AND MATERIALS.
- A stand-alone website should be funded and designed. This will make it easier for the public and media to find information. We need to consider who we are targeting, include both general and specific information, and consider highlighting a “project of the month”.
 - FBRB board member organizations’ websites and materials will need to be updated to tell the new story of fish passage barrier removal. Also, all member websites should link to the FBRB “main website” that will also be updated with new messaging.
 - FBRB is working with Pyramid Communications to develop messages and materials to compel key decision-makers to support fish passage barrier removal. Please see section V. Messages and section VI. Materials for more details.
 - FBRB support staff should create an archive of stories that help illustrate how a coordinated effort to remove barriers statewide maximizes benefits.
- 6) CONTINUE TO SEEK STATE FUNDING FOR FISH PASSAGE BARRIER REMOVAL IN THE LEGISLATURE
- A request has been submitted to the 2017 legislative session. Future requests may be necessary for upcoming supplemental and budget sessions
 - As part of the legislative funding requests, the board will stress the need for new allocations of salmon recovery funds for fish passage rather than a reallocation of existing funds.
- 7) PROACTIVELY BUILD RELATIONSHIPS WITH THE MEDIA
- FBRB and partners must educate the media about the benefits and purpose of coordinated fish passage barrier removal and equip them with compelling stories. The WDFW media office should be involved in these contacts.
 - Please see section IV. Audiences for more details on the media outlets that FBRB should reach out to. It will be of particular importance for FBRB to reach out to outlets like KING 5 and the Tacoma News Tribune that have reported on fish passage previously and work with them to shift how they frame the story.
 - Part of the media strategy should include a means to tell the story of fish passage in advance of construction season, when fish passage projects are more visible. When “dirt is being moved” the media will pay more attention.

- A press release should be issued when key milestones occur, including the approval of a funding package by the legislature. Joint press releases should be considered when appropriate.

8) ENGAGE WITH NATIONAL ORGANIZATIONS AND FEDERAL AGENCIES COMMITTED TO FISH PASSAGE

- Set the stage for possible capacity requests at a national level. Make contact with the Bonneville Power Administration and other federal agencies, as well as tribes in each region.
- Engage national groups in the near-term. Identify ways that they can advise or support FBRB.

9) DESIGNATE A LEAD BOARD MEMBER TO GUIDE IMPLEMENTATION OF THE COMMUNICATIONS PLAN AND OUTREACH STRATEGIES

- Association of Washington Cities board representatives have volunteered to lead the development and implementation of legislative strategy, and it may make sense to have an additional lead from the board or support staff to ensure timely completion and implementation of communications priorities. Other agency staff from FBRB members should be brought in as needed.
- Compile a list of related events that we can participate in.



State of Washington
Department of Fish and Wildlife

Mailing Address: PO Box 43234, Olympia, WA 98504-3234, (360) 902-2200, TDD (360) 902-2207
Main Office Location: Natural Resources Building, 1111 Washington Street SE, Olympia, WA

April 24, 2018

Regional Organization Director/Lead Entity Coordinator

SUBJECT: Now Accepting Applications for the 2019-2021 Brian Abbott Fish Barrier Removal Board (FBRB) Watershed Pathway Grant Program

Dear *sir/madam*:

In 2016 the FBRB approved the *abc* HUC 10 as a priority watershed for funding consideration through the FBRB's Watershed Pathway. The FBRB intends to continue advancing fish passage restoration efforts within the approved priority watersheds and is now accepting project proposals for the 2019-2021 Watershed Pathway.

Please note that there have been some key changes since the 2017-2019 project solicitation, including design requirements and match contributions. For information about the FBRB Grant Program, 2019-2021 match obligations, design requirements for Restoration projects > \$500K, and other pertinent information, please see RCO Manual 22:
https://www.rco.wa.gov/documents/manuals&forms/Manual_22.pdf.

As identified in the December 2016 FBRB project list, the Priority 1 Focus Area within your approved watershed is *xyz* Cr: https://wdfw.wa.gov/about/advisory/fbrb/fbrb_17-19_project_details.pdf. The FBRB intends to continue implementing projects as ordered in this project list. If you would like to propose new projects within the approved watershed, you must submit a formal request with justification to your WDFW Technical Review Team (TRT) Scoping Biologist for review and approval by the FBRB. Your WDFW TRT Scoping Biologist is *WDFW Biologist*: wdfw.scoping@dfw.wa.gov.

At this time, the FBRB is requesting that you work with project sponsors to submit application materials for projects that you would like the FBRB to consider funding in the 2019-2021 biennium. The following information and materials are required for each project proposal:

- Barrier Site ID
- Scope of Request: Planning or Restoration (see p. 9 of Manual 22 for descriptions)
- FBRB Cost Estimate Spreadsheet (available at <https://wdfw.wa.gov/about/advisory/fbrb/>) NOTE: if approved for funding, this will be the grant award amount
- Designs (Preliminary Designs required if total requested amount for a Restoration project is greater than \$500K: see App. C-2 of Manual 22 for Preliminary Design Deliverables)
- Landowner Acknowledgement Form

Please submit these materials to your WDFW TRT Scoping Biologist, no later than July 31, 2018.

The FBRB will review Watershed Pathway applications and prioritize based on effectiveness and feasibility.

If you have any questions, please call me at 360-902-2608, or your WDFW TRT scoping biologist at 360-902-*abcd*.

Sincerely,

A handwritten signature in black ink, appearing to read "Justin Zweifel".

Justin Zweifel
WDFW FBRB Program Manager

2019-2021 Brian Abbott Fish Barrier Removal Board Coordinated Pathway - Initial Review of Draft Applications

Draft Date: 05/15/18

Scores are based on initial office and field reviews and subject to change.

FBRB ID	FPDSI Site ID	Stream	% Pass	Barrier Severity Score	Downstream Barriers Score	Linear Gain (miles)	Linear Gain Score	Species Score	Habitat Quality Score	Scope	Project Readiness Score	Anticipated \$ Request (for entire pkg.)	Anticipated Costs Score	Total Score	Page #
27	601773	Ostrander Cr	0	8	5	18.05	10	4	7	Restoration	5	\$459,575	5	44	35
45	160508	Thorndyke Cr	33	6	10	9.73	9	3	8	Planning	3	\$180,000	5	44	56
03a	603526	Chumstick Cr	67	4	10	9.78	9	3	6	Restoration	3	\$574,000	6	41	3
03b	603531	Chumstick Cr	67							Restoration				41	4
03c	603535	Chumstick Cr	33							Restoration				41	5
09a	127Y0316	Geissler Cr	67	3	10	2.35	4	3	5	Restoration	7	\$995,408	7	39	11
09b	127Y0374	Geissler Cr	67							Restoration				39	12
09c	103-1025	Geissler Cr	67							Restoration				39	13
09d	103-1022	Geissler Cr	67							Restoration				39	14
12	01.0392	0.10 Kenney Cr	33	6	10	3.6	5	5	8	Planning	3	\$450,000	2	39	18
18	1350003	Mason Cr	0	8	10	2.44	4	2	8	Planning	2	\$155,200	5	39	24
29	021(91025)(01010)	Scammon Cr	0	8	5	1.21	2	3	7	Restoration	8	\$561,560	5	38	38
21	040089	Mill Cr	33	6	10	0.07	1	2	7	Restoration	5	\$492,432	6	37	27
38a	115 TC125	Spurgeon Cr	33	6	10	0.8	1	4	8	Restoration	4	\$1,700,000	4	37	48
38b	341645	Spurgeon Cr	33							Restoration				37	49
13	700119	King Cr	33	6	10	1.69	3	3	6	Restoration	1	\$178,500	5	34	19
33	15.0400	0.60 Seabeck Cr	33	6	10	2.08	4	3	4	Restoration	5	\$1,383,000	2	34	43
48	XID5170	Williams Cr	33	6	10	0.14	1	3	4	Planning	4	\$63,750	6	34	61
31	601854	Scammon Cr	33	6	10	0.82	1	4	5	Restoration	1	\$97,727	7	34	41
07a	03.0181	0.55 Fisher Cr	67	3	10	2.81	4	4	7	Planning	1	\$186,000	4	33	9
07b	03.0181	2.45 Fisher Cr	67							Planning				33	10
37	310516	Sexton Cr	67	3	10	1.07	2	5	3	Planning	4	\$141,780	6	33	47
39	990435	Squalicum Cr	67	3	0	4.35	6	4	7	Restoration	5	\$482,000	8	33	50
11	132131541	Unnamed Trib; Grader Cr	33	6	10	0.04	1	2	3	Restoration	3	\$75,000	6	31	17
14	700120	King Cr	33	6	5	1.58	3	2	6	Restoration	1	\$371,678	7	30	20
15	1320092	Kristoferson Cr	67	3	10	1.11	2	3	4	Restoration	3	\$544,753	5	30	21
10a	920017	George Davis Cr	33	7	10	0.26	1	3	6	Planning	1.5	\$600,000	1	29.5	15
10b	920111	George Davis Cr	0							Planning				29.5	16
24a	160756	Naylors Cr	33	6	0	2.6	4	4	5	Planning	3	\$250,000	6	28	30
24c	162127	Naylors Cr	33							Planning				28	32
36	991974	Secret Cr	33	6	0	0.16	1	3	5	Restoration	7	\$603,500	6	28	46
05	15.0231	0.40 Dickerson Cr	33	6	0	0.6	1	4	7	Restoration	4	\$454,100	5	27	7
16	101SC-07	Langlois Cr	33	6	5	1.3	2	4	6	Planning	1	\$29,530	3	27	22
23	105 K050818b	Minter Cr	67	3	0	3.42	5	5	5	Planning	3	\$90,000	6	27	29
17	990253	Lyon Cr	67	3	0	0.03	1	4	5	Planning	5	\$200,000	7	25	23
30a	021(14001)(01340)	Scammon Cr	33	4	0	7.58	8	3	6	Planning	1	\$160,000	3	25	39
30b	021(14004)(00698)	Scammon Cr	67							Planning				25	40
35	992169	Secret Cr	33	6	0	0.16	1	3	5	Planning	4	\$144,755	6	25	45
19	933309	Middle Fork Quilceda Cr	33	6	0	0.17	1	4	3	Restoration	3	\$386,236	7	24	25
34	992167	Secret Cr	67	3	0	1.1	2	3	5	Planning	4	\$122,230	6	23	44
41	CR77	Starbird Cr	33	6	0	0.82	1	3	6	Planning	2	\$30,000	4	22	52
43	CR80	Unnamed Trib; Starbird Cr	0	8	0	0.24	1	2	5	Planning	2	\$54,000	4	22	54
49	600300	Willows Cr	33	6	0	0.75	1	3	5	Restoration	5	\$937,500	2	22	62
06	920108	Ebright Cr	67	3	10	1.3	2	3		Planning	1	\$350,000	2	21	8
46	993125	Unnamed Trib; Silver Lake	0	8	0	0.09	1	2	4	Planning	1	\$290,000	2	18	57
28a	930418	Ravensdale Cr	67	4	0	0.43	1	3	4	Restoration	2	\$1,830,395	3	17	36
28b	930417	Ravensdale Cr	33							Restoration				17	37
20	993359	Mill Cr	UNK	1	0	<1MILE	1	2	1	Restoration	7	\$3,622,403	3	15	26

\$19,247,012

INELIGIBLE

FBRB ID	FPDSI Site ID Stream	Reason	Page #
01	NONE (GI SKCO 1) Cayou Cr	No HPA for Coordination Site correction (unlawful removal).	1
02	JC14 Cedar Cr	0% passable barrier downstream: Site ID 602254, City of Kirkland's Juanita-Woodinville Way x Cedar Cr .	2
04	15.0187 0.01 Unnamed Trib; Curley Cr	Coordination Site was not a barrier correction - large bridge replaced a smaller 100% passable bridge for the purpose of estuary function.	6
22	938402 Miller Cr	0% passable barrier downstream: Site ID 930591, City of Burien's 1st Ave x Miller Cr.	28
24b	933912 Naylor's Cr	Not a barrier.	31
25	132081074 Unnamed Trib; Nelson Cr	Coordination Site is not in coordination: Site ID 990304, WSDOT's SR 112 x Nelson Cr.	33
26	125 1609W04B Unnamed Trib; Newkah Cr	Coordination Sites are not in coordination: this is on a tributary to Newkah Cr that does not have an eligible barrier correction upstream or downstream.	34
32	931496 Schoolyard Cr	Not a barrier. 100% passable per Level B hydraulic analysis.	42
40	970003 Squilchuck Cr	No Coordination Site.	51
42	CR78 Starbird Cr	Not a barrier.	53
44	None Taneum Cr	Per WDFW's barrier assessment manual, this feature would be classified as a 'natural barrier'. However the water surface drop does not exceed the barrier threshold and therefore the feature is deemed passable.	55
47a	101MCCO-02 Unnamed Trib; Skykomish R	Coordination Site (Site ID 101MCCO-03) that is scheduled for construction in 2019 is passable.	58
47b	101MCCO-05 Unnamed Trib; Skykomish R	Coordination Site (Site ID 101MCCO-03) that is scheduled for construction in 2019 is passable.	59
47c	101MCCO-06 Unnamed Trib; Skykomish R	Coordination Site (Site ID 101MCCO-03) that is scheduled for construction in 2019 is passable.	60

FBRB ID	1
FPDSI SITE ID	GI SKCO 1
STREAM NAME / TRIB TO	Cayou Cr / Deadman Bay
ROAD NAME	South Shore Rd
OWNERSHIP	County - Skagit
WRIA NAME	Lower Skagit / Samish
FEATURE TYPE	Culvert
% PASSABILITY	Unknown
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN	Unknown
SPECIES AFFECTED	Unknown
APPLICANT	Skagit Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$125,000



FBRB ID	2
FPDSI SITE ID	JC14
STREAM NAME / TRIB TO	Cedar Cr / Juanita Cr
ROAD NAME	100 th Ave NE
OWNERSHIP	City - Kirkland
WRIA NAME	Cedar / Sammamish
FEATURE TYPE	Culvert
% PASSABILITY	0
# OF D/S PARTIAL BARRS.	Unknown
LINEAR GAIN (miles)	Unknown
SPECIES AFFECTED	COHO, STHD
APPLICANT	City of Kirkland PW
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$350,000



FBRB ID	3a
FPDSI SITE ID	603526
STREAM NAME / TRIB TO	Chumstick Cr / Wenatchee R
ROAD NAME	Motteler Rd
OWNERSHIP	County - Chelan
WRIA NAME	Wenatchee
FEATURE TYPE	Culvert
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	9.78
SPECIES AFFECTED	CHIN, COHO, STHD
APPLICANT	Chelan Co Nat Res
SCOPE	Restoration
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$574,000



FBRB ID	3b
FPDSI SITE ID	603531
STREAM NAME / TRIB TO	Chumstick Cr / Wenatchee R
ROAD NAME	Eagle Ridge Rd
OWNERSHIP	County - Chelan
WRIA NAME	Wenatchee
FEATURE TYPE	Culvert
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	9.78
SPECIES AFFECTED	CHIN, COHO, STHD
APPLICANT	Chelan Co Nat Res
SCOPE	Restoration
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	



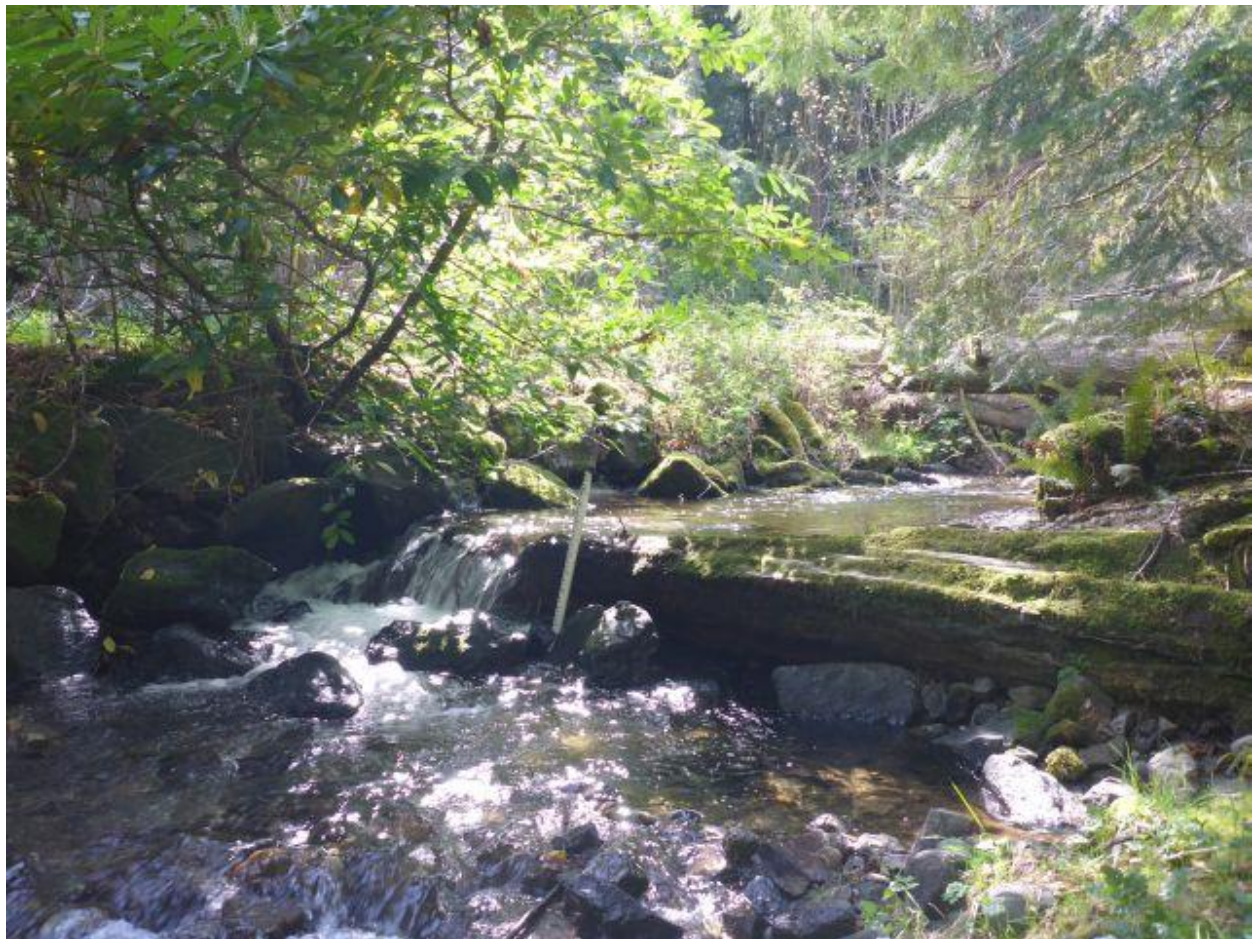
FBRB ID	3c
FPDSI SITE ID	603535
STREAM NAME / TRIB TO	Chumstick Cr / Wenatchee R
ROAD NAME	Private; SR 209
OWNERSHIP	Private
WRIA NAME	Wenatchee
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	9.78
SPECIES AFFECTED	CHIN, COHO, STHD
APPLICANT	Chelan Co Nat Res
SCOPE	Restoration
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	



FBRB ID	4
FPDSI SITE ID	15.0187 0.01
STREAM NAME / TRIB TO	Unnamed / Curley Cr
ROAD NAME	None
OWNERSHIP	Private
WRIA NAME	Kitsap
FEATURE TYPE	Dam
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	Unknown
LINEAR GAIN (miles)	Unknown
SPECIES AFFECTED	CHUM, CHIN, COHO, STHD
APPLICANT	Kitsap County CD
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$85,160



FBRB ID	5
FPDSI SITE ID	15.0231 0.40
STREAM NAME / TRIB TO	Dickerson Cr / Chico Cr
ROAD NAME	Private; David Rd NW
OWNERSHIP	Tribal
WRIA NAME	Kitsap
FEATURE TYPE	Other
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	0.6
SPECIES AFFECTED	CHUM, CHIN, COHO, STHD
APPLICANT	Kitsap County CD
SCOPE	Restoration
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$454,100



FBRB ID	6
FPDSI SITE ID	920108
STREAM NAME / TRIB TO	Ebright Cr / Lake Sammamish
ROAD NAME	E Lake Sammamish Parkway
OWNERSHIP	City - Sammamish
WRIA NAME	Cedar / Sammamish
FEATURE TYPE	Culvert
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	1.3
SPECIES AFFECTED	SOCK, COHO, STHD
APPLICANT	City of Sammamish PW
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$350,000



FBRB ID	7a
FPDSI SITE ID	03.0181 0.55
STREAM NAME / TRIB TO	Fisher Cr / Carpenter Cr
ROAD NAME	Cedardale Rd
OWNERSHIP	County - Skagit
WRIA NAME	Lower Skagit / Samish
FEATURE TYPE	Culvert / Fishway
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	2.81
SPECIES AFFECTED	CHUM, CHIN, COHO, STHD
APPLICANT	Skagit Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$186,000



FBRB ID	7b
FPDSI SITE ID	03.0181 2.45
STREAM NAME / TRIB TO	Fisher Cr / Carpenter Cr
ROAD NAME	Starbird Rd
OWNERSHIP	County – Skagit
WRIA NAME	Lower Skagit / Samish
FEATURE TYPE	Culvert / Fishway
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	10
LINEAR GAIN (miles)	2.81
SPECIES AFFECTED	CHUM, CHIN, COHO, STHD
APPLICANT	Skagit Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	



FBRB ID	9a
FPDSI SITE ID	127Y0316
STREAM NAME / TRIB TO	Geissler Cr / Wynoochee R
ROAD NAME	Driveway; Geissler Rd
OWNERSHIP	Private
WRIA NAME	Lower Chehalis
FEATURE TYPE	Culvert
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	2.35
SPECIES AFFECTED	CHUM, COHO, STHD
APPLICANT	Chehalis Basin Task Force
SCOPE	Restoration
CURRENT DESIGN LEVEL	Preliminary
ANTICIPATED REQUEST	\$995,408



FBRB ID	9b
FPDSI SITE ID	127Y0374
STREAM NAME / TRIB TO	Geissler Cr / Wynoochee R
ROAD NAME	Driveway; Geissler Rd
OWNERSHIP	Private
WRIA NAME	Lower Chehalis
FEATURE TYPE	Culvert
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	2.35
SPECIES AFFECTED	CHUM, COHO, STHD
APPLICANT	Chehalis Basin Task Force
SCOPE	Restoration
CURRENT DESIGN LEVEL	Preliminary
ANTICIPATED REQUEST	



FBRB ID	9c
FPDSI SITE ID	103-1025
STREAM NAME / TRIB TO	Geissler Cr / Wynoochee R
ROAD NAME	Geissler Rd
OWNERSHIP	County - Grays Harbor
WRIA NAME	Lower Chehalis
FEATURE TYPE	Culvert
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	2.35
SPECIES AFFECTED	CHUM, COHO, STHD
APPLICANT	Chehalis Basin Task Force
SCOPE	Restoration
CURRENT DESIGN LEVEL	Preliminary
ANTICIPATED REQUEST	



FBRB ID	9d
FPDSI SITE ID	103-1022
STREAM NAME / TRIB TO	Geissler Cr / Wynoochee R
ROAD NAME	Wynoochee Rd W
OWNERSHIP	County - Grays Harbor
WRIA NAME	Lower Chehalis
FEATURE TYPE	Culvert
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	2.35
SPECIES AFFECTED	CHUM, COHO, STHD
APPLICANT	Chehalis Basin Task Force
SCOPE	Restoration
CURRENT DESIGN LEVEL	Final
ANTICIPATED REQUEST	



FBRB ID	10a
FPDSI SITE ID	920017
STREAM NAME / TRIBUTORY	George Davis Cr / Lake Sammamish
ROAD NAME	None
OWNERSHIP	Private
WRIA NAME	Cedar / Sammamish
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	0.26
SPECIES AFFECTED	SOCK, COHO, STHD
APPLICANT	City of Sammamish PW
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$600,000



FBRB ID	10b
FPDSI SITE ID	920111
STREAM NAME / TRIB TO	George Davis Cr / Lake Sammamish
ROAD NAME	E Lake Sammamish Parkway
OWNERSHIP	City - Sammamish
WRIA NAME	Cedar / Sammamish
FEATURE TYPE	Culvert
% PASSABILITY	0
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	0.26
SPECIES AFFECTED	SOCK, COHO, STHD
APPLICANT	City of Sammamish PW
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	



FBRB ID	11
FPDSI SITE ID	132131541
STREAM NAME / TRIB TO	Unnamed / Grader Cr
ROAD NAME	Private Forest Rd
OWNERSHIP	Private
WRIA NAME	Soleduc / Hoh
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	0.04
SPECIES AFFECTED	COHO, STHD
APPLICANT	Pacific Coast Salmon Coal
SCOPE	Restoration
CURRENT DESIGN LEVEL	Conceptual
ANTICIPATED REQUEST	\$75,000



FBRB ID	12
FPDSI SITE ID	01.0392 0.10
STREAM NAME / TRIB TO	Kenney Cr / NF Nooksack R
ROAD NAME	North Fork Rd
OWNERSHIP	County – Whatcom
WRIA NAME	Nooksack
FEATURE TYPE	Culvert / Fishway
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	3.6
SPECIES AFFECTED	PINK, CHUM, CHIN, COHO, STHD
APPLICANT	Whatcom Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$450,000



FBRB ID	13
FPDSI SITE ID	700119
STREAM NAME / TRIB TO	King Cr / Olequa Cr
ROAD NAME	Private; King Rd
OWNERSHIP	Private
WRIA NAME	Cowlitz
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	1.69
SPECIES AFFECTED	CHIN, COHO, STHD
APPLICANT	Lewis County CD
SCOPE	Restoration
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$178,500



FBRB ID	14
FPDSI SITE ID	700120
STREAM NAME / TRIB TO	King Cr / Olequa Cr
ROAD NAME	King Rd
OWNERSHIP	County – Lewis
WRIA NAME	Cowlitz
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	1
LINEAR GAIN (miles)	1.58
SPECIES AFFECTED	COHO, STHD
APPLICANT	Lewis Co PW
SCOPE	Restoration
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$371,678



FBRB ID	15
FPDSI SITE ID	1320092
STREAM NAME / TRIB TO	Kristopherson Cr / Triangle Cove
ROAD NAME	E Camano Dr
OWNERSHIP	County – Island
WRIA NAME	Island
FEATURE TYPE	Culvert
% PASSABILITY	100
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	1.11
SPECIES AFFECTED	CHUM, COHO, STHD
APPLICANT	Island Co DNR
SCOPE	Restoration
CURRENT DESIGN LEVEL	None (Preliminary to be finished June 2018)
ANTICIPATED REQUEST	\$544,753



FBRB ID	16
FPDSI SITE ID	101SC-07
STREAM NAME / TRIB TO	Langlois Cr / Snoqualmie R
ROAD NAME	None
OWNERSHIP	County – King
WRIA NAME	Snohomish
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	1
LINEAR GAIN (miles)	1.3
SPECIES AFFECTED	CHUM, CHIN, COHO, STHD
APPLICANT	Snoqualmie Valley Improve Dist
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$29,350



FBRB ID	17
FPDSI SITE ID	990253
STREAM NAME / TRIB TO	Lyon Cr / Lake Washington
ROAD NAME	SR 104
OWNERSHIP	Private
WRIA NAME	Cedar / Sammamish
FEATURE TYPE	Culvert
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	0.03
SPECIES AFFECTED	SOCK, CHIN, COHO, STHD
APPLICANT	City of Lake Forest Park
SCOPE	Planning
CURRENT DESIGN LEVEL	Preliminary
ANTICIPATED REQUEST	\$200,000



FBRB ID	18
FPDSI SITE ID	1350003
STREAM NAME / TRIB TO	Mason Cr / EF Lewis R
ROAD NAME	NE 102nd Ave
OWNERSHIP	County – Clark
WRIA NAME	Lewis
FEATURE TYPE	Culvert
% PASSABILITY	0
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	2.44
SPECIES AFFECTED	COHO, STHD
APPLICANT	Clark Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$155,200



FBRB ID	19
FPDSI SITE ID	933309
STREAM NAME / TRIB TO	MF Quilceda Cr / Quilceda Cr
ROAD NAME	None
OWNERSHIP	City - Marysville
WRIA NAME	Snohomish
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	0.17
SPECIES AFFECTED	CHUM, CHIN, COHO, STHD
APPLICANT	Adopt A Stream
SCOPE	Restoration
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$386,236



FBRB ID	20
FPDSI SITE ID	933359
STREAM NAME / TRIB TO	Mill Cr / Walla Walla R
ROAD NAME	None
OWNERSHIP	City – Walla Walla
WRIA NAME	Walla Walla
FEATURE TYPE	Flume
% PASSABILITY	Unknown
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	<1
SPECIES AFFECTED	CHIN, SHD
APPLICANT	Tri State Steelheaders
SCOPE	Restoration
CURRENT DESIGN LEVEL	Final
ANTICIPATED REQUEST	\$3,622,403



FBRB ID	21
FPDSI SITE ID	040089
STREAM NAME / TRIB TO	Mill Cr / Peshastin Cr
ROAD NAME	Mountain Home Ranch Rd
OWNERSHIP	County - Chelan
WRIA NAME	Wenatchee
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	0.07
SPECIES AFFECTED	COHO, STHD
APPLICANT	Kane Natural Resources
SCOPE	Restoration
CURRENT DESIGN LEVEL	Preliminary - 30%
ANTICIPATED REQUEST	\$492,432



FBRB ID	22
FPDSI SITE ID	938402
STREAM NAME / TRIB TO	Miller Cr / Puget Sound
ROAD NAME	Des Moines Memorial Dr
OWNERSHIP	Private
WRIA NAME	Duwamish / Green
FEATURE TYPE	Culvert
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	Unknown
LINEAR GAIN (miles)	Unknown
SPECIES AFFECTED	COHO, STHD
APPLICANT	Otak
SCOPE	Restoration
CURRENT DESIGN LEVEL	Permit (60%)
ANTICIPATED REQUEST	\$3,018,000



FBRB ID	23
FPDSI SITE ID	105 K050818b
STREAM NAME / TRIB TO	Minter Cr / Henderson Bay
ROAD NAME	188th Ave NW
OWNERSHIP	County - Pierce
WRIA NAME	Kitsap
FEATURE TYPE	Culvert
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	3.42
SPECIES AFFECTED	PINK, CHUM, CHIN, COHO, STHD
APPLICANT	Pierce Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$90,000



FBRB ID	24a
FPDSI SITE ID	160756
STREAM NAME / TRIB TO	Naylors Cr / Chimacum Cr
ROAD NAME	W Valley Rd
OWNERSHIP	County - Jefferson
WRIA NAME	Quilcene / Snow
FEATURE TYPE	Culvert / Fishway
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	2.6
SPECIES AFFECTED	PINK, CHUM, COHO, STHD
APPLICANT	Jefferson Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$250,000



FBRB ID	24b
FPDSI SITE ID	933912
STREAM NAME / TRIB TO	Naylors Cr / Chimaicum Cr
ROAD NAME	Abandoned road
OWNERSHIP	County - Jefferson
WRIA NAME	Quilcene / Snow
FEATURE TYPE	Culvert
% PASSABILITY	100
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	2.6
SPECIES AFFECTED	CHUM, COHO, STHD
APPLICANT	Jefferson Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	



FBRB ID	24c
FPDSI SITE ID	162127
STREAM NAME / TRIB TO	Naylors Cr / Chimacum Cr
ROAD NAME	Gibbs Lake Rd
OWNERSHIP	County - Jefferson
WRIA NAME	Quilcene / Snow
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	2.6
SPECIES AFFECTED	CHUM, COHO, STHD
APPLICANT	Jefferson Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	



FBRB ID	25
FPDSI SITE ID	132081074
STREAM NAME / TRIB TO	Unnamed / Nelson Cr
ROAD NAME	Private; Reynold Rd
OWNERSHIP	Private
WRIA NAME	Lyre / Hoko
FEATURE TYPE	Dam
% PASSABILITY	0
# OF D/S PARTIAL BARRS.	Unknown
LINEAR GAIN (miles)	Unknown
SPECIES AFFECTED	COHO, STHD
APPLICANT	North Olympic Land Trust
SCOPE	Restoration
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$30,350



FBRB ID	26
FPDSI SITE ID	125 1609W04B
STREAM NAME / TRIB TO	Unnamed / Newskah Cr
ROAD NAME	Newskah Rd
OWNERSHIP	County - Grays Harbor
WRIA NAME	Lower Chehalis
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	Unknown
LINEAR GAIN (miles)	Unknown
SPECIES AFFECTED	COHO, STHD
APPLICANT	Chehalis Basin Task Force
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$22,500



FBRB ID	27
FPDSI SITE ID	601773
STREAM NAME / TRIB TO	NF Ostrander Cr / Ostrander Cr
ROAD NAME	Railroad crossing
OWNERSHIP	Private
WRIA NAME	Cowlitz
FEATURE TYPE	Culvert
% PASSABILITY	0
# OF D/S PARTIAL BARRS.	1
LINEAR GAIN (miles)	18.05
SPECIES AFFECTED	CHUM, CHIN, COHO, STHD
APPLICANT	Cowlitz Indian Tribe
SCOPE	Restoration
CURRENT DESIGN LEVEL	Preliminary
ANTICIPATED REQUEST	\$459,575



FBRB ID	28a
FPDSI SITE ID	930418
STREAM NAME / TRIB TO	Ravensdale Cr / Lake Sawyer
ROAD NAME	None
OWNERSHIP	County - King Co Parks
WRIA NAME	Duwamish / Green
FEATURE TYPE	Culvert
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	0.43
SPECIES AFFECTED	CHIN, COHO, STHD
APPLICANT	King Co Parks and Rec
SCOPE	Restoration
CURRENT DESIGN LEVEL	Preliminary
ANTICIPATED REQUEST	\$1,830,395



FBRB ID	28b
FPDSI SITE ID	930417
STREAM NAME / TRIB TO	Ravensdale Cr / Lake Sawyer
ROAD NAME	None
OWNERSHIP	County - King Co Parks
WRIA NAME	Duwamish / Green
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	0.43
SPECIES AFFECTED	CHIN, COHO, STHD
APPLICANT	King Co Parks and Rec
SCOPE	Restoration
CURRENT DESIGN LEVEL	Preliminary
ANTICIPATED REQUEST	



FBRB ID	29
FPDSI SITE ID	021(91025)(01010)
STREAM NAME / TRIB TO	Scammon Cr / Chehalis R
ROAD NAME	Graf Rd
OWNERSHIP	County - Lewis
WRIA NAME	Upper Chehalis
FEATURE TYPE	Culvert
% PASSABILITY	0
# OF D/S PARTIAL BARRS.	1
LINEAR GAIN (miles)	1.21
SPECIES AFFECTED	CHUM, COHO, STHD
APPLICANT	Lewis Co PW
SCOPE	Restoration
CURRENT DESIGN LEVEL	Final
ANTICIPATED REQUEST	\$561,560



FBRB ID	30a
FPDSI SITE ID	021(14001)(01340)
STREAM NAME / TRIB TO	Scammon Cr / Chehalis R
ROAD NAME	Graf Rd
OWNERSHIP	County - Lewis
WRIA NAME	Upper Chehalis
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	7.58
SPECIES AFFECTED	CHUM, COHO, STHD
APPLICANT	Lewis Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$160,000



FBRB ID	30b
FPDSI SITE ID	021(14004)(00698)
STREAM NAME / TRIB TO	Scammon Cr / Chehalis R
ROAD NAME	Blanchard Rd
OWNERSHIP	County - Lewis
WRIA NAME	Upper Chehalis
FEATURE TYPE	Culvert
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	7.58
SPECIES AFFECTED	CHUM, COHO,STHD
APPLICANT	Lewis Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	



FBRB ID	31
FPDSI SITE ID	601854
STREAM NAME / TRIB TO	Scammon Cr / Chehalis R
ROAD NAME	Private; Cooks Hill Rd
OWNERSHIP	Private
WRIA NAME	Upper Chehalis
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	0.82
SPECIES AFFECTED	CHUM, CHIN, COHO, STHD
APPLICANT	Lewis Co CD
SCOPE	Restoration
CURRENT DESIGN LEVEL	
ANTICIPATED REQUEST	\$97,727



FBRB ID	32
FPDSI SITE ID	931496
STREAM NAME / TRIB TO	Schoolyard Cr / NF Stillaguamish R
ROAD NAME	127th Ave NE
OWNERSHIP	County - Snohomish
WRIA NAME	Stillaguamish
FEATURE TYPE	Culvert
% PASSABILITY	100
# OF D/S PARTIAL BARRS.	Unknown
LINEAR GAIN (miles)	Unknown
SPECIES AFFECTED	CHUM, CHIN, COHO, STHD
APPLICANT	Snohomish Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	Conceptual
ANTICIPATED REQUEST	\$84,745



FBRB ID	33
FPDSI SITE ID	15.0400 0.60
STREAM NAME / TRIB TO	Seabeck Cr / Hood Canal
ROAD NAME	Holly-Seabeck Rd
OWNERSHIP	County - Kitsap
WRIA NAME	Kitsap
FEATURE TYPE	Culvert / Fishway
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	2.08
SPECIES AFFECTED	CHUM, COHO, STHD
APPLICANT	Hood Canal SEG
SCOPE	Restoration
CURRENT DESIGN LEVEL	Preliminary
ANTICIPATED REQUEST	\$1,383,000



FBRB ID	34
FPDSI SITE ID	992167
STREAM NAME / TRIB TO	Secret Cr / Pilchuck Cr
ROAD NAME	4th Ave NW
OWNERSHIP	County - Snohomish
WRIA NAME	Stillaguamish
FEATURE TYPE	Culvert / Fishway
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	1.1
SPECIES AFFECTED	CHUM, COHO, STHD
APPLICANT	Snohomish Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	Conceptual
ANTICIPATED REQUEST	\$122,230



FBRB ID	35
FPDSI SITE ID	992169
STREAM NAME / TRIB TO	Secret Cr / Pilchuck Cr
ROAD NAME	W Sunday Lake Rd
OWNERSHIP	County - Snohomish
WRIA NAME	Stillaguamish
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	0.16
SPECIES AFFECTED	CHUM, COHO, STHD
APPLICANT	Snohomish Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	Conceptual
ANTICIPATED REQUEST	\$144,755



FBRB ID	36
FPDSI SITE ID	991974
STREAM NAME / TRIB TO	Secret Cr / Pilchuck Cr
ROAD NAME	268th St
OWNERSHIP	County - Snohomish
WRIA NAME	Stillaguamish
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	0.16
SPECIES AFFECTED	CHUM, COHO, STHD
APPLICANT	Snohomish Co PW
SCOPE	Restoration
CURRENT DESIGN LEVEL	Final
ANTICIPATED REQUEST	\$603,500



FBRB ID	37
FPDSI SITE ID	310516
STREAM NAME / TRIB TO	Sexton Cr / Pilchuck Cr
ROAD NAME	Sexton Rd
OWNERSHIP	County - Snohomish
WRIA NAME	Snohomish
FEATURE TYPE	Culvert / Fishway
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	1.07
SPECIES AFFECTED	PINK, CHUM, CHIN, COHO, STHD
APPLICANT	Snohomish Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	Conceptual
ANTICIPATED REQUEST	\$141,780



FBRB ID	38a
FPDSI SITE ID	115 TC125
STREAM NAME / TRIB TO	Spurgeon Cr / Deschutes R
ROAD NAME	Chehalis Western Trail
OWNERSHIP	County - Thurston
WRIA NAME	Deschutes
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	0.8
SPECIES AFFECTED	CHUM, CHIN, COHO, STHD
APPLICANT	Thurston Co PW
SCOPE	Restoration
CURRENT DESIGN LEVEL	Conceptual
ANTICIPATED REQUEST	\$1,700,000



FBRB ID	38b
FPDSI SITE ID	341645
STREAM NAME / TRIB TO	Spurgeon Cr / Deschutes R
ROAD NAME	Latigo St SE
OWNERSHIP	County - Thurston
WRIA NAME	Deschutes
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	0.8
SPECIES AFFECTED	CHUM, CHIN, COHO, STHD
APPLICANT	Thurston Co PW
SCOPE	Restoration
CURRENT DESIGN LEVEL	Conceptual
ANTICIPATED REQUEST	



FBRB ID	39
FPDSI SITE ID	990435
STREAM NAME / TRIB TO	Squalicum Cr / Bellingham Bay
ROAD NAME	Squalicum Pkwy
OWNERSHIP	City - Bellingham
WRIA NAME	Nooksack
FEATURE TYPE	Culvert
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	4.35
SPECIES AFFECTED	CHUM, CHIN, COHO, STHD
APPLICANT	City of Bellingham PW
SCOPE	Restoration
CURRENT DESIGN LEVEL	Preliminary
ANTICIPATED REQUEST	\$482,000



FBRB ID	40
FPDSI SITE ID	970003
STREAM NAME / TRIB TO	Squilchuck Cr / Columbia R
ROAD NAME	S Wenatchee Ave
OWNERSHIP	County - Chelan
WRIA NAME	Alkali / Squilchuck
FEATURE TYPE	Culvert
% PASSABILITY	0
# OF D/S PARTIAL BARRS.	Unknown
LINEAR GAIN (miles)	Unknown
SPECIES AFFECTED	CHIN, COHO, STHD
APPLICANT	Cascadia CD
SCOPE	Planning
CURRENT DESIGN LEVEL	Preliminary ('expired')
ANTICIPATED REQUEST	\$121,500



FBRB ID	41
FPDSI SITE ID	CR77
STREAM NAME / TRIB TO	Starbird Cr / Fisher Cr
ROAD NAME	Bulson Rd
OWNERSHIP	County - Skagit
WRIA NAME	Lower Skagit / Samish
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	0.82
SPECIES AFFECTED	CHUM, COHO, STHD
APPLICANT	Skagit Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	Conceptual
ANTICIPATED REQUEST	\$30,000



FBRB ID	42
FPDSI SITE ID	CR78
STREAM NAME / TRIB TO	Starbird Cr / Fisher Cr
ROAD NAME	Starbird Rd
OWNERSHIP	County - Skagit
WRIA NAME	Lower Skagit / Samish
FEATURE TYPE	Culvert
% PASSABILITY	100
# OF D/S PARTIAL BARRS.	Unknown
LINEAR GAIN (miles)	Unknown
SPECIES AFFECTED	CHUM, COHO, STHD
APPLICANT	Skagit Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	Conceptual
ANTICIPATED REQUEST	\$70,000



FBRB ID	43
FPDSI SITE ID	CR80
STREAM NAME / TRIB TO	Unnamed / Starbird Cr
ROAD NAME	Starbird Rd
OWNERSHIP	County - Skagit
WRIA NAME	Lower Skagit / Samish
FEATURE TYPE	Culvert
% PASSABILITY	0
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	0.24
SPECIES AFFECTED	COHO, STHD
APPLICANT	Skagit Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	Conceptual
ANTICIPATED REQUEST	\$54,000



FBRB ID	44
FPDSI SITE ID	None
STREAM NAME / TRIB TO	Taneum Cr / Yakima R
ROAD NAME	None
OWNERSHIP	state - WDFW
WRIA NAME	Uppper Yakima
FEATURE TYPE	Headcut
% PASSABILITY	
# OF D/S PARTIAL BARRS.	
LINEAR GAIN (miles)	
SPECIES AFFECTED	CHIN, COHO, STHD
APPLICANT	Yakima Nation
SCOPE	Restoration
CURRENT DESIGN LEVEL	
ANTICIPATED REQUEST	\$111,000



FBRB ID	45
FPDSI SITE ID	160508
STREAM NAME / TRIB TO	Thorndyke Cr / Hood Canal
ROAD NAME	Thorndyke Rd
OWNERSHIP	County - Jefferson
WRIA NAME	Quilcene / Snow
FEATURE TYPE	Culvert
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	9.73
SPECIES AFFECTED	CHUM, COHO, STHD
APPLICANT	Jefferson Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$180,000



FBRB ID	46
FPDSI SITE ID	993125
STREAM NAME / TRIB TO	Unnamed / Silver Lake
ROAD NAME	Silver Lake Rd
OWNERSHIP	City - Everett
WRIA NAME	Cedar / Sammamish
FEATURE TYPE	Culvert
% PASSABILITY	0
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	0.09
SPECIES AFFECTED	COHO, STHD
APPLICANT	City of Everett PW
SCOPE	Planning
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$290,000



FBRB ID	47a
FPDSI SITE ID	101MCCO-02
STREAM NAME / TRIB TO	Unnamed / Skykomish R
ROAD NAME	Driveway; Mann Rd
OWNERSHIP	Private
WRIA NAME	Snohomish
FEATURE TYPE	Culvert
% PASSABILITY	Unknown
# OF D/S PARTIAL BARRS.	Unknown
LINEAR GAIN (miles)	Unknown
SPECIES AFFECTED	PINK, CHUM, CHIN, COHO, STHD
APPLICANT	Snohomish CD
SCOPE	Restoration
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	\$300,000



FBRB ID	47b
FPDSI SITE ID	101MCCO-05
STREAM NAME / TRIB TO	Unnamed / Skykomish R
ROAD NAME	Driveway; Mann Rd
OWNERSHIP	Private
WRIA NAME	Snohomish
FEATURE TYPE	Culvert
% PASSABILITY	Unknown
# OF D/S PARTIAL BARRS.	Unknown
LINEAR GAIN (miles)	Unknown
SPECIES AFFECTED	PINK, CHUM, CHIN, COHO, STHD
APPLICANT	Snohomish CD
SCOPE	Restoration
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	



FBRB ID	47c
FPDSI SITE ID	101MCCO-06
STREAM NAME / TRIB TO	Unnamed Skykomish R
ROAD NAME	Driveway; Mann Rd
OWNERSHIP	Private
WRIA NAME	Snohomish
FEATURE TYPE	Culvert
% PASSABILITY	67
# OF D/S PARTIAL BARRS.	Unknown
LINEAR GAIN (miles)	Unknown
SPECIES AFFECTED	PINK, CHUM, CHIN, COHO, STHD
APPLICANT	Snohomish CD
SCOPE	Restoration
CURRENT DESIGN LEVEL	None
ANTICIPATED REQUEST	



FBRB ID	48
FPDSI SITE ID	XID5170
STREAM NAME / TRIB TO	Williams Cr / Pilchuck R
ROAD NAME	Private; S Machias Rd
OWNERSHIP	County - Snohomish
WRIA NAME	Snohomish
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	0
LINEAR GAIN (miles)	0.14
SPECIES AFFECTED	CHUM, COHO, STHD
APPLICANT	Snohomish Co PW
SCOPE	Planning
CURRENT DESIGN LEVEL	Conceptual
ANTICIPATED REQUEST	\$63,750



FBRB ID	49
FPDSI SITE ID	600300
STREAM NAME / TRIB TO	Willows Cr / Sammamish R
ROAD NAME	Willows Rd NE
OWNERSHIP	City - Redmond
WRIA NAME	Cedar / Sammamish
FEATURE TYPE	Culvert
% PASSABILITY	33
# OF D/S PARTIAL BARRS.	2+
LINEAR GAIN (miles)	0.75
SPECIES AFFECTED	SOCK, COHO, STHD
APPLICANT	City of Redmond Nat Res
SCOPE	Restoration
CURRENT DESIGN LEVEL	Preliminary
ANTICIPATED REQUEST	\$937,500



Benefits to productivity and life history stages - 15 points

- points based on clear, complete answer and habitat assessment by WDFW field staff

Level of coordination with other habitat restoration projects - 10 points

- points based on number of restoration projects within the HUC 10, as described by the applicant and reviewed by FBRB TRT

Clearly identified and appropriate project scope, goals and objectives, milestones, and schedule - 5 points

- points based on clear, complete answer indicating that project has been scoped, milestones have been identified, schedule has been established, and the project is ready to be implemented

Cost effectiveness and a clear, detailed budget - 10 points

- points based on clear, detailed RCO cost estimate spreadsheet and cost effectiveness of the project as described by the applicant

Stock status of anadromous species that would benefit - 5 points

- Unwarranted – 1 point
- Species of Concern/Candidate – 2 points
- Threatened – 3 points
- Endangered or >1 threatened species – 5 points

Contribution to an approved recovery plan - 5 points

- points based on applicant's description of how project implementation will contribute to an approved recovery plan