



**Oregon Department of Fish and Wildlife  
Fish Screening and Passage Program**

**Fish Passage Priority List**

**February 1, 2013**

**Prepared By: Ken Loffink**

## **Table of Contents**

Acknowledgements	3
(1) Introduction	4
(1.1) Requirements of Rules and Statutes	4
(2) Past Prioritization Efforts	5
(2.1) 2007 Priority List	5
(2.2) Lessons Learned from 2007	6
(3) Development and Methodology of 2012 Priority List	7
(3.1) Data Inventory and Standardization	7
(3.2) Role of ODFW District Staff	8
(3.3) Role of Fish Passage Task Force	9
(3.4) Data Limitations	10
(4) The Prioritization Model	11
(4.1) The Equation	11
(4.2) Definitions and Data Sources	12
(4.3) Assumptions Made in the Model	17
(5) Results of the 2012 Prioritization	19
(6) Recommendations for Future Prioritization Efforts	19
(6.1) Data Source Refinements	20
(6.2) Model Refinements	20
(7) Conclusions/Discussion and Potential Use of the Priority List	21

## **Appendices**

Appendix A: 2007 Priority List

Appendix B: 2007 Priority List Highlighting Removed or Fixed Project

Appendix C: 2013 Priority List

## **Acknowledgements**

**ODFW Staff:** Todd Alsbury, Greg Apke, Tim Bailey, Pete Baki, David Banks, Jon Bowers, Robert Bradley, Jason Brandt, Bob Buckman, Jean Castillo, Chris Claire, Todd Confer, Charlie Corrarino, Nadine Craft, Jay Doino, Bill Duke, Mark English, Matt Falcy, Alex Farrand, Danette Faucera, Rod French, Chuck Fustish, Michael Gray, David Haight, Karen Hans, Rick Hargrave, Mike Harrington, Ray Hartlerode, Ron Hendrickson, Brett Hodgson, Tabatha Hoge, Holly Huchko, Shannon Hurn, Laura Jackson, Lisa Kingsley, Chris Knutsen, Michael Lambert, Steve Mamoyac, Steve Mazur, Ryan McCormick, Bruce McIntosh, Tom Murtagh, Jeff Neal, Ray Perkins, Dave Plawman, Tim Porter, Kelly Reis, Alan Ritchey, Pete Samarin, Ruth Schellbach, Jason Seals, Brent Smith, Marty Smith, Roger Smith, Lance Solis, John Spangler, Tom Stahl, Bill Tinniswood, Dan VanDyke, Gary Vonderohe, Joel Watts, Derek Wilson, Jeff Yanke, Jeff Ziller

**Fish Passage Task Force:** Doug Dehart, David Heller, Kim Kambak, Stuart Myers, Dawn Nilson, David Newton, Harry Rectenwald, Vera Simonton, Willie Tiffany,

## **1. Introduction: Purpose and Need**

Fish passage is a key component to many facets of fisheries resource management. Connectivity between aquatic habitats is an important part of garnering successful and healthy fish populations. Without habitat connectivity, resident or fluvial fish species such as native trout, suckers, and whitefish become isolated, leading to reduced levels of genetic diversity and fitness. For anadromous populations, fish passage can allow access to new habitats or fertile spawning grounds that are pivotal for success of the species. In addition to providing access to vital spawning habitats for adults, fish passage also provides access to essential rearing habitats for juvenile species. Population isolation due to fish passage barriers also heightens migratory fish exposure to disturbances, thus increasing the potential magnitude of the disturbance at a population or individual level.

Fish passage barriers are prevalent throughout the Oregon landscape. Over time, despite fish passage rules and regulations, access to native fish habitats has been blocked or impaired by the construction of impassable culverts, dams, tide gates, dikes, bridges, and other anthropogenic infrastructure. Providing passage at these artificial obstructions is vital to recovering Oregon's native migratory fish populations. The Oregon Department of Fish and Wildlife's (ODFW) latest inventory shows over 27,800 artificial obstructions to fish passage in the State of Oregon. Of those, only 17% are documented as providing adequate fish passage for native migratory fish<sup>1</sup>. With so many barriers spread across the landscape, and funding becoming scarce, it is paramount that we thoroughly prioritize fish passage, with inclusion of multiple parameters. This will allow for a focused effort to improving passage conditions and meeting a critical need of Oregon's native migratory fish.

### **1.1 Required by Statute and Rule**

Fish passage prioritization and inventory is a requirement of the ODFW's Fish Passage Program (FPP) through Oregon Revised Statute (ORS) 509.585 (3). This statute states that ODFW shall "complete and maintain a statewide inventory in order to prioritize enforcement actions based on the needs of native migratory fish." Furthermore the statute states that the Department shall update the priority list every 5 years. The last fish passage priority list was approved by the Oregon Fish and Wildlife Commission in 2007.

As noted, the priority list shall be based on the needs of native migratory fish. More specifically, the base requirements of the priority list are identified in Oregon Administrative Rule (OAR) 635-412-0015 (2). This rule states the following:

The priority list shall be based on the needs of native migratory fish.

(a) The prioritization shall consider the following factors relative to each artificial obstruction for all native migratory fish currently or historically present at the artificial obstruction:

- (A) the quantity of native migratory fish habitat which is inaccessible,
- (B) the quality of native migratory fish habitat which is inaccessible,

---

<sup>1</sup> Note: During fish passage barrier data compilation efforts, emphasis was placed on the identification of features with known passage issues.

- (C) unique or limited native migratory fish habitat which is inaccessible, or should remain inaccessible for fish management purposes,
  - (D) the biological status of the native migratory fish,
  - (E) the level of fish passage currently provided at the artificial obstruction,
  - (F) the presence of other artificial obstructions upstream and downstream and the timeframe native migratory fish will be able to utilize restored passage, and
  - (G) existing agreements with the Department regarding fish passage.
- (b) The prioritization may utilize existing Department information or professional judgment in the absence of information specific to a given site.
- (c) The priority list shall contain one artificial obstruction per Oregon sub-basin, which shall be ranked across the state.

The 2013 fish passage priority list was developed in accordance with these requirements and guidelines.

## **2. Past Prioritization Efforts**

Artificial obstruction inventory and prioritization was identified as a key component of managing fish passage in Oregon during the formation of Oregon's fish passage laws. The Fish Passage Task Force (FPTF), a volunteer advisory group created when fish passage laws were accepted in 2001, further defined the need for inventory and prioritization. Criteria and guidelines for fish passage prioritization were defined in 2004, and even though some level of prioritization of projects has always occurred, the first formal fish passage priority list was approved in 2007.

### **2.1 2007 Priority List Methodology**

In 2007 ODFW developed a priority list of artificial obstructions consistent with the guidelines listed in the rule and met the statutory needs presented in section 1.1. During the 2007 prioritization effort, ODFW FPP staff asked each of the 18 ODFW fish districts to provide the top 5 fish passage priorities in their district. District Biologists and staff were not expected to do extensive on-the-ground data gathering, as these top passage priority sites should have been readily evident based on their knowledge district. In addition, District Biologists were asked to exclude sites where fish passage restoration was imminent (i.e., a totally funded project is in place or clear trigger has or will happen) and sites where mitigation (per an agreement) was provided (e.g., waiver sites, Corps of Engineers' dams with hatcheries, hydropower dams with Settlement Agreements). The District Biologists were also asked to rank the priority barriers within their District, without limitations on number per sub-basin and based on professional judgment (i.e., taking into account factors that are not otherwise quantified). Finally, the District Biologists were asked to provide the following information for their priority barrier sites, which was used to rank them collectively across the state:

- number and listing status of native migratory fish species present currently and historically,
- distance of habitat blocked by the artificial obstruction,
- subjective quality of habitat blocked by the artificial obstruction,

- other complete (total blocking barriers) upstream and downstream artificial obstructions,
- the current level of passage at the artificial obstruction (i.e., is it a complete or partial barrier), and
- importance of upstream habitat for unique or isolated native migratory fish populations.

The information, provided by the District Biologists, was then used to rank sites across the State to come up with the statewide priority list. The primary factors used for the statewide ranking were: the number of state and federally-listed threatened and endangered migratory fish species; the distance which would be made accessible, upstream of the site, to the next complete barrier; the number of complete downstream barriers; the level of fish passage currently provided at the site; the presence of unique populations or habitat; and the relative ranking made by the District Biologist. The influence of each of these factors on a site's ranking are summarized below:

<u>Factor</u>	<u>Impact on Ranking</u>
T&E Species.....	higher number increases priority
Distance.....	higher distance increases priority
Downstream Barriers ....	higher number decreases priority
Passage Level.....	higher level of obstruction increases priority
Unique Site.....	higher degree of uniqueness increases priority
District Biologist Rank*	higher rank increases priority

\* takes into account habitat quality

---

The final approved 2007 fish passage priority list is attached (Attachment A). The final 2007 list did not include a numeric ranking, rather the list categorized projects into low, medium, and high categories based on their priority scores. By grouping barriers into low, medium, and high priority categories, variability surrounding the data used for ranking as well as the variability in the ranking methodology (prioritization model) has less impact on the priority list.

## **2.2 Lessons Learned from the 2007 Priority List**

The 2007 priority list provided the framework for the 2013 prioritization effort. During the 2007 effort, the expertise of District Biologists and their staff was vital to the development of the priority list. The institutional knowledge harbored within the districts was and continues to be invaluable to this prioritization effort and other fish management actions. However, the need for more data was clear. The final 2007 Priority List tabulated data and ranked a total of 67 barriers, each of which was located within a different Oregon sub-basin. This number fell a little short of the requirement for a barrier in each of the 90 sub-basins that are totally or partially within Oregon. Several sub-basins did not receive a priority barrier, because either no priority barriers were identified in those sub-basins, or barrier information was limited within those sub-basins.

The 2007 Priority List identified 67 priority fish passage barriers. However, hundreds of other priority barriers were not identified by this Priority List. As such, there was some public perception that if a barrier was not on the list, then it was not a high priority. Due to this perception, the 2013 prioritization effort focused on obtaining a more complete inventory and using a more comprehensive prioritization to establish a more robust list that better reflected the scope of the fish passage issue in Oregon.

Despite data limitations, the 2007 Priority List was a very useful tool for fishery managers. Of the 67 barriers on this list, 17 have been addressed either through removal of the artificial obstruction, or through construction of an approved fish passage facility (Appendix B). Addressing passage at 17 high priority fish passage locations in five years is a significant accomplishment.

### **3. Development of the 2013 Priority List**

By reviewing the 2007 prioritization efforts and the lessons learned from that effort, the 2013 prioritization focused on two primary goals: 1) a more comprehensive inventory of fish passage artificial obstructions in Oregon; and 2) a more robust prioritization structure list and methodology. The 2013 prioritization effort utilized a comprehensive approach that was both data driven and based on professional knowledge. This new approach includes components that incorporated data standardization, barrier inventory, professional knowledge, and biological data.

#### **3.1 Geographic Information Systems (GIS) Data Inventory, Standardization, and Prioritization Metrics**

The need for a more comprehensive single artificial obstruction database in Oregon has been longstanding. Beginning in 2007, the ODFW Natural Resource Information Management Program (NRIMP) began the inventory data management process by creating the Oregon Fish Passage Barrier Data Standard (OFPBDS). This data standard established the type of information (data content), and the format of that data (data structure), needed at every artificial obstruction site to accurately inventory and prioritize fish passage obstructions.

After the creation of the OFPBDS, NRIMP began compiling barrier inventory data from multiple sources throughout the state. Data was obtained from local, state, and federal agencies, watershed councils, tribes, counties, and other entities that possessed fish passage barrier data. These data were compiled, standardized to match the requirements of the OFPBDS, and were loaded into a GIS database. This database represents the most thorough statewide inventory of artificial obstructions to date, and includes information on the number and type of artificial obstructions in the state, as well as the level of fish passage at each barrier, and the physical characteristics of each obstruction.

The database is dynamic, but the most up to date information shows that approximately 27,800 fish passage artificial obstructions (those structures, such as culverts, dams, tide gates, levees, etc., placed in fish bearing streams that hinder, or have the potential to hinder fish passage) exist in Oregon. This number continues to grow as our knowledge of structures across the state increases. Of this total, approximately 17% are documented as providing adequate fish passage, 21% are complete barriers to fish passage (block all life stages, species, etc.), 19% are partial barriers, and approximately 43% have a “status unknown passage condition.” Of the 27,800

artificial obstructions in the database, culverts make up the vast majority with over 23,000 (83%) inventoried, while dams are the next most common barrier type with over 2,500 inventoried (9%).

After standardizing the barrier data and compiling a statewide inventory, a series of maps and spreadsheets containing barrier data was distributed to ODFW fish District Biologists for review, refinement, and to support the fish passage prioritization effort. Maps were created at the 5<sup>th</sup> Hydrologic Unit Code (HUC) watershed level (approximately 1:24,000 scale), showing the location of each barrier in the database, the barrier's fish passage status, and its location relative to current fish distribution and other artificial obstructions. These maps were tools for district staff to review and make decisions regarding the highest priority barriers in each respective district. They also, provided staff an opportunity to comment and provide input on data gaps. During this process, ODFW District Biologists and staff were asked to identify the top 25 priority barriers in each of their respective watershed districts.

Once all "top 25" barriers and other data inputs or corrections were compiled, NRIMP analyzed each of the priority barriers and applied the applicable data needed for prioritization. Specifically, at each priority barrier, the quantity of available upstream habitat (by species), species presence, the biological status of species present, and the number of upstream artificial obstructions were tabulated. The priority barrier metrics were then provided to the FPP for input into the prioritization formula.

### **3.2 Role of ODFW District Staff**

In December 2011, 18 ODFW Fish Districts were contacted to provide additional information and review of the fish passage prioritization process. The request contained instructions for each district to perform the following:

- Identify the district's 25 highest fish passage priority barriers
  - o Based on the biologist's knowledge of their district, fish use, habitat, etc.
- Review, edit, or confirm data listed on the maps and spreadsheets for each barrier included on the district's top 25 list, including level of passage, habitat quantity upstream (current and historical), native migratory fish presence, and biological status of those fish (listed as threatened or endangered under the Endangered Species Act (ESA)).
- Review, edit, or confirm information for other priority barriers not in the district's top 25.
- Provide additional barrier information where data gaps exist within the database

By the end of January 2012, each district had submitted the requested information on their "top 25" priority barriers. The focus of this initial step was to create a comprehensive list of priorities based primarily on the biological benefits that would occur, if passage were provided at the artificial obstruction.

As discussed in section 2.1, maps and spreadsheets were provided to district staff to assist in the prioritization process. Regardless this process was a cumbersome exercise for district staff to complete. Some districts have in excess of 1,000 barriers, with varying amounts of associated information and data. Selecting a "Top 25" from each district was a challenge. In doing so,



district staff was also able to provide valuable input NRIMP regarding fish species, habitat data, and distribution. Selecting only a “Top 25” was difficult for some districts due to the magnitude of known artificial obstructions. Many districts included more barriers than the minimum 25 that were initially requested. All artificial obstructions that district staff included as their top priority barriers, regardless if more than 25 were submitted, were included in the final fish passage priority list.

After the initial request for top priority barriers, and the subsequent addition of the applicable biological information by NRIMP, the FPP requested final input from District Biologists in August 2012. This final step involving district staff was used to gather qualitative information, based on best professional knowledge or judgment, or other data sources when applicable that would increase or decrease the priority ranking of a given barrier. During this process District Biologists also confirmed the native migratory fish species present at each priority barrier, and made final comments. All of the final comments and information was received by the FPP from September through November 2012.

### **3.3 Role of Fish Passage Task Force**

The Fish Passage Task Force (FPTF) is comprised of nine volunteers, appointed by the ODFW Director, whom represent interests subject to the installation of fish passage facilities (also referred to “water users” as a generic term), Fishing Conservation, and Public-at-Large constituencies. The FPTF makes recommendations to the Oregon Fish and Wildlife Commission, reports to the Oregon Legislature, and advises ODFW on rulemaking, funding, waivers, exemptions, and prioritization. The FPTF has been vital in developing the 2013 fish passage priority list.

The FPTF has reviewed and made recommendations on various aspects of the prioritization steps throughout 2011 and 2012. In November of 2011, the FPTF was provided a copy of the 2007 priority list (Attachment A), and a copy of the 2007 priority list that highlighted priority barriers that had been removed or corrected (passage provided at) on the list (Attachment B). During this meeting, staff notified FPTF members that a new prioritization effort in 2012 was forthcoming. At this time FPTF members brainstormed potential goals and uses of the new Priority List and provided suggestions to FPP staff.

In February of 2012, the FPTF identified “prioritization and inventory” as a top FPTF priority and a key component of the FPP. During discussions, the FPTF recommended that the FPP consider application of the best available science, biological effectiveness, and program efficiency during the fish passage prioritization process. At this time the FPTF recommended that staff document each step and the process for developing the list and ranking criteria, in order to provide context for the list, build a basis for continued refinement of the prioritization process, and create transparency for the list and process.

During June of 2012, the FPTF provided recommendations to FPP staff regarding the equation to be used to calculate the priority ranking of each barrier. The FPTF reminded staff to try and keep the prioritization process as simple as possible, especially given the large number of barriers and the variable nature of the data provided, but keep it biologically sound. The FPTF discussed the “weighting” of specific factors, and recommended that staff test different approaches and weighting of criteria in the model development. It also recommended sensitivity testing to

determine how different variables and weighting factors affected individual rankings. FPTF members also discussed the factors to be used in the prioritization list, and recommended that the list follow the requirements listed in OAR, that each specific factor used in the prioritization should be well defined, and have appropriate data sources cited.

The FPTF discussed several potential uses for the prioritization list including:

- Enforcement (as required by ORS)
- Solicitation of funding
- Allocation of limited funds for restoration actions.

Based on these recommendations from the FPTF, FPP staff continued the development of the priority list. Specifically, FPP staff ensured that the process was well defined and documented, and that the list would be robust and defensible. It was hoped that the list would be useful for not only enforcement purposes, but also serve as a tool for funding agencies (OWEB, Amercian Rivers, other grantors) and fish passage project implementers statewide (Watershed Councils, SWCD's, tribes, local ODFW offices, etc.).

In August of 2012, FPP staff presented a draft prioritization methodology for ranking passage barriers to the FPTF. The draft equation, used to generate rating scores, incorporated many factors, including level of passage, species present, habitat quantity, and habitat quality. The FPTF noted the complexity associated with creating a universal equation to calculate priority and discussed the difficulties associated with this process given the wide array of habitat types, fisheries needs, and varied information availability in each basin, eco-region, and demographic area. Due to these difficulties, the FPTF and FPP agreed that the equation and methodology for the priority list be developed with a flexible approach and narrower ranking system. The FPTF also stressed the need for the equation to be simple, and explainable, and recommended that more weight be given to fish species diversity, and to somehow include historically accessible habitat into the priority equation.

In November of 2012, the FPTF was presented a draft copy of the 2012 Fish Passage Priority list, as well as a draft copy of the equation used to calculate the scores for each site used to assign a priority ranking. Based on previous FPTF recommendations, the equation was modified from earlier drafts and each factor used was better defined. The FPTF recommended FPP staff to move forward in creating the final priority list and to be able to f present the list to the Oregon Fish and Wildlife Commission, for approval, in early 2013. At this time the FPTF also recommended that a process paper be developed. This document would clearly explain the prioritization process, define the factors used in the equation, cite the sources of the data used in the prioritization, disclose the limitations and assumptions made in the list, and explain the intended use of the priority list.

After review of the final priority list and the prioritization process paper in December 2012, the FPTF provided their final comments on the priority list, edits on the draft process paper, recommended approval of the priority list by the Oregon Fish and Wildlife Commission.

### 3.4 Data Limitations

There is variability in the completeness of the data used in the model. The data used in the 2013 fish passage priority list is the best available data, and the result of years of collaboration between department staff and other agencies. Despite this, additional data gaps and needs exist, including passage status, habitat distribution, and location of other artificial obstructions. The primary data used for quantifying the inaccessible habitat, upstream of the priority barriers, is “salmon centric.” Habitat data for anadromous species such as chinook, coho, and steelhead is fairly well documented, while habitat data for other salmonid species, such as redband trout are lacking but still relatively comprehensive. Other native migratory fish species, such as suckers and whitefish, have little or no published habitat or distribution data. Historical data for all species is also not as widely documented as current distribution. Therefore, as this prioritization process and other projects evolve, there remains a great need for more timely and complete data, and improved procedures for data storage and management.

## 4. The Prioritization Model

A total of 598 priority barriers were included on the updated 2013 statewide priority list. These barriers were evaluated with the requirements of OAR in mind, with each barrier containing information on species present, biological status of species, quality of habitat upstream, quantity of habitat upstream, level of passage currently provided at the obstruction, unique or limited habitat located upstream, presence of artificial obstructions in proximity to the priority barrier, and other information relative to the priority (socio-economic concerns, historic habitat, likelihood of passage, etc.).

### 4.1 The Equation

As required by rule, the equation takes into consideration the factors listed above, and is based primarily on the needs of native migratory fish. The priority equation used to develop the 2012 priority list, is as follows:

$$((Quantity \times Quality) \times (\frac{LevelofPassage}{5})) + 30(\# listedNMF) + 10(\# nonlistedNMF) + 15(\# autoup) - 15(autodown)$$

The equation can be broken down into two parts, habitat, and species status/dynamics. The first part is the habitat immediately upstream of the priority barrier that would be made accessible if passage were provided. The equation has been set up so that these factors (habitat quantity, habitat quality, and level of passage) make up roughly 50% of the total points possible. The second part of the equation, are the species present, their biological status, and any unique or limiting factors (included in the “auto up” or “auto down” portion of the equation). This section of the equation makes up approximately the remaining 50% of the total points possible. Based on the definitions given below in section 3.2, the total points possible in the priority equation is 500 (a score of 500 would be a perfect score).

## 4.2 Definition and Data Source For Each Parameter

**Quantity of Native Migratory Fish Habitat (Up to 130 points possible or approximately 26% of the total possible score):** This factor is the amount of habitat immediately accessible to fish if passage were provided at the priority barrier. It is averaged across the species that would most likely utilize that habitat. This factor is based on the linear distance (miles) of fish habitat that would become accessible to the species present below the barrier, if passage were provided. This value would be the amount of miles between the priority barrier and the next complete barrier upstream, or the amount of habitat available up to an upstream barrier, natural barrier, or the end of fish use. The quantity is calculated by using a ranking system that assigns a point value according to the mileage class of the amount of miles available. If differing amounts of habitat exist for different species, the amount of habitat available will be averaged for all species, with each species being weighted equally. For example, if at a given barrier 10-miles of fall Chinook habitat, 20-miles of steelhead habitat, and 30-miles of cutthroat habitat exists upstream, the average habitat for all species would be 20-miles. The mileage ranking classes are as follows:

- >300 miles = 130 points
- 200-299 miles = 115 points
- 100-199 miles = 100 points
- 50-99 miles = 85 points
- 25-49 miles = 70 points
- 10-25 miles = 55 points
- 3-9 miles = 40 points
- 1-2 miles = 25 points
- < 1 mile = 10 points

By grouping mileage classes and their scoring, this took into consideration variability within distribution data available, yet also allowed for barriers with lots of habitat to receive lots of points (potential points available in this category are higher than any other). The peak score of 130 for greater than 300 miles of habitat was selected, because the highest value of averaged habitat available upstream did not exceed 400 miles. Therefore, this value was chosen as the top of the sliding scale for “Qabitat Quantity.”

Data Source: Source of Habitat Quantity is from “Oregon Fish Habitat Distribution Data Standard (OFHDDS)” GIS layers. Some habitats were quantified based on the professional opinion of the District Biologist if there was not concurrence on habitat distribution data from GIS, or if data was lacking in the OFHDDS database for a particular barrier.

**Habitat Quality (up to 26% of the total priority ranking):** this factor represents the quality of habitat upstream of the priority barrier that fish would gain access to. Habitat is categorized as low, medium, or high and given a point value according to the associated quality ranking. This value is multiplied by the Habitat Quantity factor. Habitat quality is quantified based on District

Biologists' professional knowledge of the habitat upstream of the priority barrier. In the absence of professional knowledge for a given site, habitat quality is based on any available habitat data, such as surveys, literature, or other data. By categorizing habitat quality into low, medium, and high categories, this allowed District Biologists to base the ranking off the fisheries needs and habitat characteristics specific to their geographic region. Scoring for Habitat Quality is based on the characteristics listed below.

**High (2 points):** Habitat upstream can be fully utilized by downstream fish populations with little or no restoration activities needed. Cover, substrate, stream features (pools, riffles, glides), stream temperature, and water quality are all optimal for production of native fish that would use them. Access to this habitat is expected to lead to noticeably higher fish productivity in the basin, and would significantly benefit the native migratory fish accessing the habitat. In order to be ranked as "good" the accessed upstream habitat, with these characteristics, must represent greater than 50% of the total available habitat.

**Medium (1 point):** Habitat upstream will likely be utilized by native migratory fish found below the obstruction. However, some restoration actions are likely needed to improve the quality/quantity of habitat, or the habitat naturally lacks some of the primary requirements for production of native migratory fish. Cover, pools, and substrate are generally suitable for fisheries production; however, quantity/quality of these habitats may be limited or unusable during certain periods of the year. Water quality and temperature may be limiting factors at times, or in certain locations. Overall, fish populations would likely see a benefit from access to this habitat.

**Low (.5 points):** Habitat upstream may be utilized by native migratory fish in need of passage; however, restoration activities are needed to restore native habitats, or the habitat inherently has limited value to native migratory fish. Conditions are characterized by very limited cover and pools available for rearing, and channel substrate is either silty or bedrock. Spawning habitat is limited or non-existent. Water quality and temperature are less than optimal for fish that are present presence for much of the year. Habitat in this class are often found in areas that are highly urbanized, affected by agriculture or grazing, have a degraded or limited riparian habitat, and/or have other conditions that are not beneficial for fish. Improved access to this habitat would likely have only marginal benefits to native fish or would require extensive restoration activities.

Scoring Habitat Quality based on this ranking system allows for a linear increase or decrease in the overall habitat value. By scoring high quality habitat as 2 points, low quality habitat as .5 points, and by multiplying those factors by Habitat Quantity in the priority equation, the assumption is made that high quality habitat is twice as valuable as medium habitat, while low quality habitat is half as valuable.

Data Source: All habitat quality data was obtained from District Biologists and their staff. Data was primarily based on professional opinion/knowledge of the habitats located upstream of the priority barriers. In some cases, where habitats were less well known by district staff, quality was determined from reports, habitat surveys, historical documents, maps, other data sources, or any combination thereof. District staff provided the data source they obtained the habitat quality determination from during the data collection process.

**Level of Passage Currently Provided:** This factor addresses the level of fish passage that is currently provided at a given obstruction. The scale, values, and descriptions are provided below:

- 5 - barrier to all native migratory fish,
- 4 - barrier to some native migratory fish adults and/or species,
- 3 - barrier to some native migratory fish adults and/or species for only part of migration period,
- 2 - barrier to all native migratory fish juveniles,
- 1 - barrier to some native migratory fish juveniles and/or for only part of migration period.
- 0 - Full volitional passage for all native migratory fish species, adults and juveniles.

Anything ranked less than a 5 (complete barrier) will reduce the overall priority (cannot receive full credit for habitat being blocked if not a complete barrier). The “level of passage” rating will reduce the priority score based on the relative degree (percentage) of complete blockage at the barrier. The level of passage is applied to the upstream habitat value (Quantity and Quality), because anything less than a complete barrier indicates that fish are already accessing the habitat upstream at varying degrees depending on the severity of the blockage. Therefore, any score less than 5 for the “Level of Passage” ranking will **reduce** the overall score for habitat upstream by the following percentages:

- Level of passage rating: 4 = 20%
- Level of passage rating: 3 = 40%
- Level of passage rating: 2 = 60%
- Level of passage rating: 1 = 80%
- Level of passage rating: 0 = 100%

Data source: Level of passage data was obtained from the barrier data gathered on GIS. This barrier data is from a variety of sources, but was translated and collaborated into one data source to be consistent with the OFPBDS (as described in section 2.1 of this document). In many cases, ODFW district staff provided their recommended fish passage status based on knowledge of the barrier and history of fish passage at the site. Most of this data is professional judgment and is not based on comprehensive field sampling during various seasons and flow conditions.

**Listed Native Migratory Fish (Can add up to 120 points or approximately 24% of the total possible priority score):** This factor addresses fish in need of passage at the barrier that are listed as “threatened” or “endangered” under the federal Endangered Species Act (ESA). The presence of federally listed fish increases the priority ranking of a barrier. For each “listed” fish species present at the barrier, 30 points will be added to the priority ranking. There is no

maximum score possible for this factor; however, the highest number of ESA listed fish at any given site was four. Therefore, the highest score received for this factor is 120 points.

Data Source: Biological status data was obtained by a combination of GIS habitat distribution data and professional knowledge of District Biologists.

**Species Diversity – (Can add up to 60 additional points or approximately 12% of the total possible priority score)** This factor addresses the number of **non ESA listed** native migratory fish species or stocks in need of passage at the priority barrier (# of species or stocks that would utilize the habitat upstream of the barrier). For each, non-listed, native migratory fish species or stock present, 10 points will be given. There is a maximum of 60 total points available for this category. Native migratory fish species, according to OAR 635-412-0005 are as follows:

Acipenser medirostris ..... Green Sturgeon  
Acipenser transmontanus ..... White Sturgeon  
Amphistichus rhodoterus ..... Redtail surfperch  
Catostomus columbianus ..... Bridgelip sucker  
Catostomus luxatus/Deltistes luxatus ..... Lost River sucker  
Catostomus macrocheilus ..... Largescale sucker  
Catostomus microps ..... Modoc sucker  
Catostomus occidentalis ..... Goose Lake sucker  
Catostomus platyrhynchus ..... Mountain sucker  
Catostomus rimiculus ..... Klamath smallscale sucker  
Catostomus snyderi ..... Klamath largescale sucker  
Catostomus tahoensis ..... Tahoe sucker  
Catostomus warnerensis ..... Warner sucker  
Chasmistes brevirostris ..... Shortnose sucker  
Hypomesus pretiosus ..... Surf smelt  
Lampetra ayresi ..... River lamprey  
Lampetra lethophaga ..... Pit-Klamath lamprey  
Lampetra minima ..... Miller Lake lamprey  
Lampetra similes ..... Klamath River lamprey  
Lampetra tridentate ..... Pacific lamprey  
Oncorhynchus clarki ..... Coastal, Lahontan and West Slope cutthroat trout  
Oncorhynchus keta ..... Chum salmon  
Oncorhynchus kisutch ..... Coho salmon  
Oncorhynchus mykiss ..... Steelhead, Rainbow and Redband trout  
Oncorhynchus nerka ..... Sockeye/Kokanee salmon  
Oncorhynchus tshawytscha ..... Chinook salmon  
Prosopium williamsoni ..... Mountain whitefish  
Ptychocheilus oregonensis ..... Northern pikeminnow  
Ptychocheilus umpqua ..... Umpqua pikeminnow  
Salvelinus confluentus ..... Bull trout  
Spirinchus thaleichthys ..... Longfin smelt  
Thaleichthys pacificus ..... Eulachon

Points are awarded per native migratory fish species or stock as follows:

- 1 NMF Species/Stock = 10 points
- 2 NMF Species/Stocks = 20 points
- 3 NMF Species/Stocks = 30 points
- 4 NMF Species/Stocks = 40 points
- 5 NMF Species/Stocks = 50 points
- >5 NMF Species/Stocks = 60 points

Data Source: Species presence data was obtained by a combination of GIS habitat distribution data and district staff professional knowledge.

**Auto Up Factors (Can add up to 60 additional points or approximately 12% of the total possible priority score):** These factors were not included in the original data collected for each barrier, but have been identified by ODFW staff as considerations that increase the overall priority of a barrier. For each “auto up” factor identified, 15 points will be added to the prioritization scoring. A maximum of 60 points (4 auto-ups) can be garnered for each site. For each one of the items listed below, 15 points will be added to the priority value:

- Over 5 miles of additional historical habitat
- Over 50 miles of additional potential habitat = 2 “auto ups” (30 points)
- Over 100 miles of additional potential habitat = 3 “auto ups” (45 points)
- Unique or limited habitat
- Unique or limited species
- Other factors identified by ODFW Staff that increase the priority, such as but not limited to):
  - Specific impacts to fisheries
  - Downstream migrant (juvenile) passage concerns
  - Importance to local communities
  - Barrier affects large population of fish

“Auto up factors” were given these point values so that District Biologists could identify sites that were of a potentially higher ranking due to difficult or un-quantifiable factors. This ranking makes the value of one “auto up” greater than the presence of one “non listed native migratory fish species,” but half the value of the presence of one ESA listed species. This allows for some un-quantifiable factors to influence the priority ranking, but has less effect on the ranking than other quantifiable factors such as “Habitat Quantity” or “listed species.”

Data Source: Auto up factor data was determined by district staff for unique factors that should increase a barrier’s priority ranking but were not captured in the original data query. FPP staff also identified



“auto up factors” by analyzing the data available on the priority list spreadsheet (such as additional potential habitat).

**Auto Down Factors (subtract up to 60 points or approximately 12% of the total possible score):** These are factors not included in the original data collected for each barrier, but have been identified by ODFW staff as factors that should be considered to decrease the overall priority of a barrier. For each “auto down” factor identified, 15 points will be subtracted from the prioritization ranking. A maximum of 60 points (4 auto-downs) can be garnered for each site. For each one of the items listed below, 15 points will be subtracted from the priority value:

- Complete barriers downstream
- 3 or more complete barriers upstream
- 10 or more complete barriers upstream = 2 auto downs (-30 points)
- Imminent Trigger (high likelihood of passage in the near future)
- Existing ODFW Agreements (waivers)
- Fish Management Concerns (Non-native fish, or other concerns)
- Other factors identified by ODFW staff that decrease the priority

“Auto down factors” were given these point values so that District Biologists could identify sites that were of a potentially lower ranking due to difficult or un-quantifiable factors. This ranking makes the value of one “auto down” greater than the reduction of one “non listed native migratory fish species” at a given site, but half the value of the reduction of one ESA listed species. This allows for some un-quantifiable factors to influence the priority ranking, but have less effect on the ranking than other quantifiable factors such as “Habitat Quantity” or “listed species.”

Data Source: Auto down factor data was determined by district staff for unique factors that were not captured in the original data query that should be considered to decrease barrier’s priority scoring. FPP staff also identified “auto down factors” by analyzing the data available on the priority list spreadsheet (data such as complete barriers upstream).

#### **Other Definitions:**

**Complete Artificial Obstruction (up or downstream):** An artificial obstruction up or downstream of the priority artificial obstruction that completely blocks all native migratory fish migration. For complete artificial obstructions upstream, fish habitat available ends at these obstructions.

**Additional Potential Habitat:** Habitats that exist above other complete artificial obstructions located upstream of a priority barrier. These habitats would be potentially available in the future, if passage were provided at the blocking barrier(s).

#### **4.3 Assumptions Made in the Model**

A number of assumptions were made in the development of this priority model and the priority list. First, are assumptions made related to habitat distribution data. As noted in the data limitations section (section 2.4), the majority of the available data were “salmon centric.” It is common knowledge that individual salmon species and life stages have different habitat requirements/preferences. The same holds true for other species such as suckers, bull trout, and whitefish. Since the majority of habitat distribution data characterized salmon habitat, the decision was made to quantify available habitat, upstream of the priority barrier, by averaging the habitat quantities of the species with documented data. By averaging habitat, a balance is created between those fish species that may travel far upstream, and those species that typically do not. This assumption keeps the data from skewing towards quantities that are unrealistic for individual species. An example would be having Chinook, steelhead, and suckers listed as species present, habitat data shows 10 miles of habitat available for steelhead, 5 miles available for Chinook, and habitat is not mapped for suckers. The habitat quantity value for this example would be 7.5 miles (the average between Chinook and steelhead habitat), as this number more closely represents the stream miles that all species present could potentially occupy.

The habitat distribution data used for the Habitat Quantity factor is from the best and most up to date data available; however, within the data there is some variability. ODFW recognizes that the science and information regarding fish distribution (both current and historical) is ever evolving. Knowing that some variability exists in the data was a key in developing the model for two reasons. First, the habitat quantity factor was given points based on classes that described a range of miles available instead of giving points per mile of habitat. By using these classes, which are defined by a range of miles, to assign scores, a given amount of points (50-99 miles = 85 points) we acknowledge that some variability exists in the data. Second, the model and the priority list were created in a way that make them easy to access and update as new information becomes available. The priority list is a tool that can be updated and changed as passage is provided at barriers or new data is obtained.

Historical habitat for fish species is another piece of the data set with substantial variability. ODFW feels that it is important to include this information in the prioritization process, but also realizes that some geographic regions have better historic, habitat distribution data than others. For example, historical fish habitat for Chinook and steelhead is not well mapped in the drainages above the Snake River dams (Hells Canyon, Oxbow, Brownlee), but it is well documented in the Klamath basin. Due to these variations, historic habitat was not included as a “stand alone” factor. Rather, if well-documented, or professionally agreed upon historical habitat existed, it is quantified in the “auto up” factor. Likewise, complete barriers, located upstream of the priority barriers, were quantified in the “auto down” factor.

Habitat quality is a term used to determine the relative suitability of habitats for fish and other species. In this model, habitat quality was determined by the district biologists and their staff who are knowledgeable about local fish habitats. It is assumed that habitats, upstream of these high priority barriers, are well known by district staff. In cases where professional knowledge

was lacking, district staff consulted habitat surveys, reports, map data, literature, or any other means available to help ascertain or support their habitat quality determination.

The overall priority ranking and the prioritization model is primarily based on biology. This assumption is supported by OAR, which states that “the priority list shall be based on the needs of the native migratory fish.” ODFW also recognizes that other factors also come into play when prioritizing sites for fish passage restoration. Whether they are socio-economic in nature, or common sense driven, they help to provide a more complete picture of important considerations for a given site. The “auto up” and “auto down” factors are a way for district staff, or FPP staff to consider a number of other factors that may increase or decrease the priority of barriers. These factors included, but were not limited to, likelihood of passage, ODFW agreements, management decisions, historic habitat, presence of artificial obstructions, and others.

It is felt that the methodology selected for development of the priority list utilizes the best available information and the best professional judgment. There is a range of other ways that one could use to calculate priority. These could include many different factors, but ODFW believes this method best characterizes priorities based on biology and the guidelines set forth in OAR. Based on this, the variability within the data, and the variability within the prioritization model, ODFW categorized the priority barriers into distinct groups based on their raw scores. In doing this, it is assumed that all barriers within each succinct group have roughly the same overall priority within the state, and will provide close to an equal amount of benefit to native fish when improved passage is provided at these artificial obstructions. Despite this categorization system, it is assumed that all barriers on the priority list are high priorities in the state.

## **5. Results of the 2012 Fish Passage Prioritization List**

The final priority list contains 534 high priority fish passage barriers (Attachment C), with an additional 55 barriers characterized as “other significant barriers in need of more data.” Out of the 27,800 artificial obstructions documented in Oregon, the 534 priority obstructions comprise less than 2% of the total. Of the 534 priority obstructions 289 (59%) are dams, 207 (39%) are culverts, and the remaining 38 (7%) are include tide gates, fords, bridges, and other artificial obstructions. Dams make up the majority of the “top” priorities. This is largely, due to the fact that they generally block large segments of habitat on larger river systems. The priorities have been organized into classes, with each class representing barriers of similar priority ranking. It is important to note, that all barriers on the list are high priorities for ODFW.

## **6. Recommendations For Future Improvements**

As is the case for all large-scale projects, there is always room for improvement. In this case, discrepancies, shortfalls, and potential data gaps were noted along the way to help identify process improvements that could be made for future priority lists. That being said, this list was developed to be dynamic that will be adaptively managed when new information is identified. It

is ODFW's goal to ensure that this priority list of artificial obstructions represents the best available science and reflects data that is accurate and up to date.

### **6.1 Data Source Refinements**

The data utilized in this priority list is the result of years of hard work by many individuals. It represents the best data available science; however, it is clear that there are still data gaps. Several priority barriers, listed by district biologists, could not be ranked on the list, because not enough data existed to support a prioritization ranking. These barriers were highlighted as "other significant barriers," ODFW hopes to fill in the data gaps as new information becomes available, and to update the priority list as this occurs.

It is also clear that more emphasis needs to be invested into developing distribution data for non-salmonids, particularly those listed species native to Oregon, such as Lost River suckers, small-scale suckers, and Warner suckers of the Klamath and Warner basins. These species are important native migratory fish, with habitat requirements that differ significantly from salmonids, and limited data exists regarding their status and distribution.

### **6.2 Model Refinements**

The prioritization model serves to answer the question "Where will the greatest biological benefits be realized if passage is provided?" The model does a good job of utilizing biological factors and professional judgment to answer this question. However, models are currently being developed that look at habitat factors such as watershed area, wetted channel width, miles of habitat, gradient, and other important habitat features to provide a more comprehensive estimate of potential fish use. Most notably, this has been completed for coho on the coast. Broader application of this approach, for other species, would be a great tool in improving the statewide priority list.

Similarly, in future fish passage prioritization efforts, another look at habitat quality could warrant less subjective results. Habitat types and their individual extent and quality, rather than habitat quality of entire stream reaches, could be applied to the habitat metric. Values would be given to certain types of habitat for different species, such as miles of rearing habitat for Chinook, or miles of spawning habitat for suckers. Each habitat type, for each species, could be weighted to help determine a more accurate estimate of the habitat upstream for native migratory fish in need of passage. Currently, the data simply does not exist to be able to quantify all habitats, by species, across the state. Extensive surveys have been done over the years, by ODFW and others, but additional data collection is warranted, including a standardization of how data is collected and universal stratification of habitat quality levels. As new habitat data and surveys are completed, this system of quantifying the quantity and quality of habitat

upstream of an artificial obstruction, by individual fish species, could be a valuable and more accurate way to calculate priority.

## 7 Conclusions and Use of the Document

The priority list represents the highest priority barriers for fish passage in the state. These sites will provide the large benefits to native migratory fish, by providing access to high quantity and quality habitats, if passage is provided. Fish passage restoration efforts should be focused on these priority barriers, specifically the highest priorities on the list.

This list is a viable tool for several uses. These include:

- 1. Enforcement by the Oregon Fish and Wildlife Commission (OFWC).** As directed by OAR 635-412-0015 and by ORS 509.585, the OFWC may enforce that fish passage be provided if the barrier is one of ODFW's top ten priority barriers, **and** ODFW secures 60% of non owner/operator funding for fish passage at the barrier. As passage is enforced at top barriers, provided after a "trigger event," or provided voluntarily, the list will be updated so that a current "top ten" exists for the state.
- 2. Prioritization for funding by ODFW and other Funding Agencies.** Funding agencies and grantors take many aspects of a project into consideration prior to either funding or denying funding to a project. This list can serve as a primary filter for these agencies. The list can be used to get a sense of a given site's relative priority as compared to another priority barrier. This list should not solely be used as the basis of funding decisions, but can serve as a foundation for these types of decisions.
- 3. Mitigation Opportunities for Fish Passage Waivers.** This list is a prime source for obtaining mitigation locations for fish passage waivers or to offset other impacts that may qualify. A barrier's presence on the priority list does not automatically mean that it qualifies as a valid mitigation site to offset impacts; however, the list should be a starting point for locating potential fish passage mitigation sites.
- 4. A database of high priority projects.** The list is comprised of barriers in each of the 18 fish districts across the state. The list will not only categorize fish passage priorities at the statewide level, but will also categorize fish passage priorities at the district level. Local entities, such as ODFW Fish Districts, Watershed Councils, Soil and Water Conservation Districts, and other interested parties can use the list of priorities in their respective geographic locations to help make decisions on restoration of fish passage. This list will give those agencies and groups a better idea of where high priority locations are, and the conditions present at each.

The priority list can be utilized in many ways; however, one way it should not be utilized is as a sole source of data. As noted in this document, a number of assumptions were made in the development of this list. Because of those assumptions, habitats were averaged based on the available data at each barrier, and actual habitat located above a barrier may vary for each species as compared to the average amount of habitat that is listed on the priority list. Also, as noted previously, determination and understanding of historic fish distribution, and current fish distribution for some species, continues to be a work in progress.

## 2007 Statewide Fish Passage Priority List- Attachment A

Attachment 3

Sub-Basin	Region	District	Name of Structure	Owner	Stream	Tributary of...	Native Migratory Fish	T&E	Dist - C	DS Obs	Level	DB Rank	Rank
L COLUMBIA/CLATSKANIE R	Northwest	N Willamette (W)	Apiary Road Culvert	Columbia County	Little Clatskanie R	Clatskanie R	StW, Co, Ct, PLam	2	7	0	4	1	H
L COLUMBIA/SANDY R	Northwest	N Willamette (E)	Sandy Hatchery Intake/Weir	ODFW	Cedar Crk	Sandy R	StW, Co, Ct, PLam	2	12	0	5	1	H
NORTH SANTIAM R	Northwest	Mid-Willamette	Stayton Pond Headgate	ODFW	Stayton Pond Side Ch.	N Santiam R	StW, ChS, Rb, Ct, PLam	2	3	0	5	1	H
MF WILLAMETTE R	Northwest	South Willamette	Indigo Culvert	USFS	Indigo Spring	MF Willamette R	BuT	1	0.2	0	5	1	H
MIDDLE ROGUE R	Southwest	Upper Rogue	Gold Ray Dam	Jackson County	Rogue R	Pacific O	ChF, ChS, StW, StS, Rb, Co, Ct, PLam, SSu	1	110	0	4	1	H
MIDDLE COLUMBIA/HOOD R	High Desert	Mid-Columbia	Laurance Lake Dam	Middle Fork ID (USFS)	Clear Br. MF Hood R	Hood R	BuT, StW, Ct, (Co)	3	6	0	5	1	H
UPPER DESCHUTES R	High Desert	Deschutes	Three Sisters ID Diversion	TSID	Whychus Crk	Deschutes R	RT, (St, Ch, BuT)	2	15	0	5	1	H
UMATILLA R	Northeast	Umatilla	Brownell Dam	Terminal Ditch Company	Umatilla R	Columbia R	StS, BuT, Lam, ChS, ChF, Co	2	200	0	3	1	H
UPPER GRANDE RONDE R	Northeast	LaGrande	I-84 "Elevator Shaft" Culvert	ODOT	Ladd Crk	Catherine Crk	St, (BuT)	2	13	0	5	1	H
IMNAHA R	Northeast	Wallowa	WVID Diversion	Wallowa Valley Impr. Dist.	Big Sheep Crk	Imnaha R	BuT, St	2	3	0	4	1	H
NEHALEM R	Northwest	North Coast	Foss Road Culverts	Till. Cnty., Port of Till. Bay	Roy Crk	Nehalem R	Co, ChF, CS, StW, Ct	0	2	0	3	1	M
WILSON/TRASK/NESTUCCA	Northwest	North Coast	S Prairie Road Culvert	Tillamook County	Fawcett Crk	Tillamook R	Co, ChF, StW, Ct	0	4	0	3	2	M
ALSEA R	Northwest	Mid-Coast	Meadow Crk Log Pond Dam	Private	Meadow Crk	Lobster Crk	Co, Ct, St	0	2	1	5	1	M
SILETZ R/YAQUINA R	Northwest	Mid-Coast	Bull Creek Culvert	Private	Bull Crk	Big Elk Crk	Co, Ct, St	0	2	0	4	2	M
LOWER WILLAMETTE	Northwest	N Willamette (W)	Hwy 43 Culvert	ODOT	Tryon Crk	Willamette R	StW, Co, Ct, PLam	2	4	0	4	2	M
TUALATIN R	Northwest	N Willamette (W)	Howell Road Culvert	Washington County	Iler Crk	Gales Crk	StW, Ct, PLam	1	1	0	4	3	M
YAMHILL R	Northwest	N Willamette (W)	Juliet Dam	Yamhill County	Baker Crk	Panther Crk	StW, Ct, PLam	1	4	0	5	6	M
CLACKAMAS R	Northwest	N Willamette (E)	Little Clear Creek Culvert	Clackamas County	Little Clear Crk	Clear Crk	StW, Co, Ct, PLam	2	9	0	4	2	M
MOLALLA R/PUDDING R	Northwest	N Willamette (E)	Scotts Mills Dam/Falls	Clackamas, Marion Cnties.	Butte Crk	Pudding R	StW, ChS, Ct, PLam	2	5	0	4	3	M
MIDDLE WILLAMETTE R	Northwest	MWIL-NWL	Mercer Dam	City of Dallas	Rickreal Crk	Willamette R	StW, Ct, PLam	1	11	0	5	3	M
UPPER WILLAMETTE R	Northwest	Mid-Willamette	Brownsville Dam	Brownsville Canal Co.	Calapooia R	Willamette R	StW, ChS, Ct, PLam	2	40	1	3	4	M
MCKENZIE R	Northwest	South Willamette	Cedar Creek Intake	Cedar Creek ID	Cedar Crk	McKenzie R	ChS, PLam	1	7	0	4	2	M
CF WILLAMETTE R	Northwest	South Willamette	Bald Knob Diversion Dams	Creswell Irrigation Assoc.	Hill Crk	CF Willamette R	ChS, PLam	1	15	0	5	4	M
NORTH UMPQUA R	Southwest	Umpqua	Rock Creek Diversion Dam	ODFW	Rock Crk	N Umpqua R	ChS, Co, StS, StW, Ct	0	45	0	3	1	M
COQUILLE R	Southwest	Coos-Coquille	Rink Creek Dam	Private	Rink Crk	Coquille R	Co, StW, Ct, (PLam)	0	2	0	3	1	M
COOS R	Southwest	Coos-Coquille	Hwy 101 Culvert	ODOT	Eel Crk	Tenmile Crk	Co, StW, Ct, (PLam)	0	3	0	3	2	M
ILLINOIS R	Southwest	Upper Rogue	Pomeroy Dam	Private	Illinois R	Rogue R	StW, Rb, ChF, Co, Ct, PLam, SSu	1	112	0	3	2	M
APPLEGATE R	Southwest	Upper Rogue	Newberry Dam	Private	Applegate R	Rogue R	StW, StS, Rb, ChF, Co, Ct, PLam, SSu	1	16	0	4	5	M
UPPER ROGUE R	Southwest	Upper Rogue	Charlie Diversion	Private	Little Butte Crk	Rogue R	StW, StS, Rb, ChF, Co, Ct, PLam, SSu	1	42	0	3	6	M
LOWER ROGUE R	Southwest	UROG-SCST	Brock Ditch Diversion	Private	Grave Crk	Rogue R	ChF, StW, StS, Co, Rb, Ct, PLam, SSu	1	29	0	3	6	M
LOWER DESCHUTES R	High Desert	Mid-Columbia	Jones Canyon Crossing/Ford	BLM	Jones Canyon Crk	Deschutes R	StS	1	4	0	3	4	M
TROUT	High Desert	Mid-Columbia	Hay Creek Falls	Private	Hay Crk	Trout Crk	StS	1	10	0	5	5	M
UPPER CROOKED R	High Desert	Deschutes	People's ID Diversion	People's ID	Crooked R	Deschutes R	RT, (St, Ch, BuT)	2	20	2	5	2	M
LOWER CROOKED R	High Desert	Deschutes	Crooked River Central Div.	Private	Crooked R	Deschutes R	RT, (St, Ch, BuT)	2	45	1	4	3	M
SF CROOKED R	High Desert	Deschutes	Lwr Cold Springs Diversion	Private	SF Crooked R	Crooked R	RT, (St, Ch)	1	10	1	5	6	M
WARNER LAKES	High Desert	Klamath	Honey Creek Weir	Private	Honey Crk	Hart Lake	RT, WSu	1	19	0	5	1	M
SPRAGUE R	High Desert	Klamath	Snake Creek Weir	Private	Snake Crk	Sycan R	RT, KLSu, Lam, SNSu, LRSu, (St, BuT)	2	2	0	5	2	M
GOOSE LAKE	High Desert	Klamath	Cox Creek Weir	Private	Cox Crk	Thomas Crk	RT, Lam, (MdcSu)	1	15	0	5	3	M
LAKE ABERT	High Desert	Klamath	Elder Weir	Private	Crooked Crk	Chewaucan R	RT	0	30	0	5	4	M
LOST R	High Desert	Klamath	Malone Dam	BOR	Lost R	Clear Lake	RT, KLSu, Lam, SNSu, LRSu	2	20	1	5	6	M
UPPER KLAMATH LAKE	High Desert	Klamath	7-Mile Creek Weir	Private	7-Mile Crk	Agency Lake	RT, (St, BuT)	1	10	0	3	6	M
WILLIAMSON R	High Desert	Klamath	USFWS Refuge Weir	USFWS	Upper Williamson R	L Williamson R	RT, KLSu, MLLam	0	0.5	0	5	6	M
UPPER KLAMATH R	High Desert	Klamath	JC Boyle Dam	PacifiCorp	Klamath R	Pacific O	RT, Lam, SSu, SNSu, LRSu, (ChF, ChS, St, Co)	2	300	3	3	6	M
DONNER UND BLITZEN R	High Desert	Southeast	Page Springs Gauging Weir	BLM	Donner und Blitzen R	Malheur Lake	RT, WF, SU	0	70	1.5	3	1	M
UPPER MALHEUR R	High Desert	Southeast	Reclamation Ditch Diversion	Drewsey Rec. Coop.	Malheur R	Snake R	RT, WF, SU, (St, Ch, BuT)	2	80	2	4	2	M
UPPER JOHN DAY R	Northeast	John Day	Panama Ditch Diversion	Private	Beech Crk	John Day R	StS, ChS, CtW	1	42	0	3	1	M
LOWER JOHN DAY R	Northeast	John Day	Wolf Hollow Dam	Private	Rock Crk	John Day R	StS	1	127	2	3	2	M
MF JOHN DAY R	Northeast	John Day	4550 Road Culvert	USFS	Granite Boulder Crk	MF John Day R	BuT, StS, ChS	2	4	0	3	3	M
NF JOHN DAY R	Northeast	John Day	SF Trail Creek Culvert	USFS	SF Trail Crk	Trail Crk	BuT, StS	2	4	0	3	4	M
WALLOWA R	Northeast	Wallowa	Deer Creek Culvert	USFS	Deer Crk	Wallowa R	BuT, St	2	5	0	2	2	M
NECANICUM R	Northwest	North Coast	Hwy 53 Culvert	ODOT	Joe Crk	Bergsvik Crk	Co, Ct, StW	0	2	0	2	3	L
L COLUMBIA R	Northwest	North Coast	Hwy 202 Tide Gate	ODOT	Crosel Crk	Young's Bay	Ct, (Co, ChF, CS, StW)	3	1	0	3	5	L
SIOUSLAW R	Northwest	Mid-Coast	Siuslaw Falls	Lane County	Siuslaw R	Pacific O	Co, Ct, St	0	30	0	3	3	L
SOUTH SANTIAM R	Northwest	Mid-Willamette	Series of Culverts	ODOT, Sweet Home	Ames Crk	S Santiam R	StW, Rb, Ct, PLam	1	7	0	1	6	L
SOUTH UMPQUA R	Southwest	Umpqua	Winn Walker Dam	City of Canyonville	O'Shea Crk	S Umpqua R	Co, StW, Ct	0	6	0	5	6	L
UMPQUA R	Southwest	Umpqua	Dean Crk Elk Refuge TdGt/Dike	BLM, ODOT	Dean Crk	Umpqua R	ChS, ChF, Co, StS, StW, Ct	0	2	0	2	6	L
CHETCO R	Southwest	South Coast	Thompson Culvert	Unknown	Tuttle Crk	Chetco R		1	2.5	2.5	3.5	1	L
SIXES R	Southwest	South Coast	Cape Blanco Culvert	OPRD	Sullivan Gulch	Sixes R		0	2.5	2.5	3.5	2	L





2007 Statewide Fish Passage Priority List (with fixed projects)- Attachment B

Attachment 4

Sub-Basin	Region	District	Name of Structure	Owner	Stream	Tributary of...	Native Migratory Fish	T&E	Dist - C	DS Obs	Level	DB Rank	Rank
L COLUMBIA/CLATSKANIE R	Northwest	N Willamette (W)	Apiary Road Culvert	Columbia County	Little Clatskanie R	Clatskanie R	StW, Co, Ct, PLam	2	7	0	4	1	H
L COLUMBIA/SANDY R	Northwest	N Willamette (E)	Sandy Hatchery Intake/Weir	ODFW	Cedar Crk	Sandy R	StW, Co, Ct, PLam	2	12	0	5	1	H
NORTH SANTIAM R	Northwest	Mid-Willamette	Stayton Pond Headgate	ODFW	Stayton Pond Side Ch.	N Santiam R	StW, ChS, Rb, Ct, PLam	2	3	0	5	1	H
MF WILLAMETTE R	Northwest	South Willamette	Indigo Culvert	USFS	Indigo Spring	MF Willamette R	BuT	1	0.2	0	5	1	H
MIDDLE ROGUE R	Southwest	Upper Rogue	Gold Ray Dam	Jackson County	Rogue R	Pacific O	ChF, ChS, StW, StS, Rb, Co, Ct, PLam, SSu	1	110	0	4	1	H
MIDDLE COLUMBIA/HOOD R	High Desert	Mid-Columbia	Laurance Lake Dam	Middle Fork ID (USFS)	Clear Br. MF Hood R	Hood R	BuT, StW, Ct, (Co)	3	6	0	5	1	H
UPPER DESCHUTES R	High Desert	Deschutes	Three Sisters ID Diversion	TSID	Whychus Crk	Deschutes R	RT, (St, Ch, BuT)	2	15	0	5	1	H
UMATILLA R	Northeast	Umatilla	Brownell Dam	Terminal Ditch Company	Umatilla R	Umatilla R	StS, BuT, Lam, ChS, ChF, Co	2	200	0	3	1	H
UPPER GRANDE RONDE R	Northeast	LaGrande	I-84 "Elevator Shaft" Culvert	ODOT	Ladd Crk	Catherine Crk	St, (BuT)	2	13	0	5	1	H
IMNAHA R	Northeast	Wallowa	WVID Diversion	Wallowa Valley Impr. Dist.	Big Sheep Crk	Imnaha R	BuT, St	2	3	0	4	1	H
NEHALEM R	Northwest	North Coast	Foss Road Culverts	Till. Cnty., Port of Till. Bay	Roy Crk	Nehalem R	Co, ChF, CS, StW, Ct	0	2	0	3	1	M
WILSON/TRASK/NESTUCCA	Northwest	North Coast	S Prairie Road Culvert	Tillamook County	Fawcett Crk	Tillamook R	Co, ChF, StW, Ct	0	4	0	3	2	M
ALSEA R	Northwest	Mid-Coast	Meadow Crk Log Pond Dam	Private	Meadow Crk	Lobster Crk	Co, Ct, St	0	2	1	5	1	M
SILETZ R/YAQUINA R	Northwest	Mid-Coast	Bull Creek Culvert	Private	Bull Crk	Big Elk Crk	Co, Ct, St	0	2	0	4	2	M
LOWER WILLAMETTE	Northwest	N Willamette (W)	Hwy 43 Culvert	ODOT	Fryon Crk	Willamette R	StW, Co, Ct, PLam	2	4	0	4	2	M
TUALATIN R	Northwest	N Willamette (W)	Howell Road Culvert	Washington County	Iler Crk	Gales Crk	StW, Ct, PLam	1	1	0	4	3	M
YAMHILL R	Northwest	N Willamette (W)	Juliet Dam	Yamhill County	Baker Crk	Panther Crk	StW, Ct, PLam	1	4	0	5	6	M
CLACKAMAS R	Northwest	N Willamette (E)	Little Clear Creek Culvert	Clackamas County	Little Clear Crk	Clear Crk	StW, Co, Ct, PLam	2	9	0	4	2	M
MOLALLA R/PUDDING R	Northwest	N Willamette (E)	Scotts Mills Dam/Falls	Clackamas, Marion Cnties.	Scotts Mills Dam/Falls	Butte Crk	StW, ChS, Ct, PLam	2	5	0	4	3	M
MIDDLE WILLAMETTE R	Northwest	MWIL-NWIL	Mercer Dam	City of Dallas	Rickreall Crk	Willamette R	StW, Ct, PLam	1	11	0	5	3	M
UPPER WILLAMETTE R	Northwest	Mid-Willamette	Brownsville Dam	Brownsville Canal Co.	Galapooia R	Willamette R	StW, ChS, Ct, PLam	2	40	1	3	4	M
MCKENZIE R	Northwest	South Willamette	Cedar Creek Intake	Cedar Creek ID	Cedar Crk	McKenzie R	ChS, PLam	1	7	0	4	2	M
CF WILLAMETTE R	Northwest	South Willamette	Bald Knob Diversion Dams	Creswell Irrigation Assoc.	Hill Crk	CF Willamette R	ChS, PLam	1	15	0	5	4	M
NORTH UMPQUA R	Southwest	Umpqua	Rock Creek Diversion Dam	ODFW	Rock Crk	N Umpqua R	ChS, Co, StS, StW, Ct	0	45	0	3	1	M
COQUILLE R	Southwest	Coos-Coquille	Rink Creek Dam	Private	Rink Crk	Coquille R	Co, StW, Ct, (PLam)	0	2	0	3	1	M
COOS R	Southwest	Coos-Coquille	Hwy 101 Culvert	ODOT	Eel Crk	Tenmile Crk	Co, StW, Ct, (PLam)	0	3	0	3	2	M
ILLINOIS R	Southwest	Upper Rogue	Pomeroy Dam	Private	Illinois R	Rogue R	StW, Rb, ChF, Co, Ct, PLam, SSu	1	112	0	3	2	M
APPLEGATE R	Southwest	Upper Rogue	Newberry Dam	Private	Applegate R	Rogue R	StW, StS, Rb, ChF, Co, Ct, PLam, SSu	1	16	0	4	5	M
UPPER ROGUE R	Southwest	Upper Rogue	Charlie Diversion	Private	Little Butte Crk	Rogue R	StW, StS, Rb, ChF, Co, Ct, PLam, SSu	1	42	0	3	6	M
LOWER ROGUE R	Southwest	UROG-SCST	Brock Ditch Diversion	Private	Grave Crk	Rogue R	ChF, SW, StS, Co, Rb, Ct, PLam, SSu	1	29	0	3	6	M
LOWER DESCHUTES R	High Desert	Mid-Columbia	Jones Canyon Crossing/Ford	BLM	Jones Canyon Crk	Deschutes R	StS	1	4	0	3	4	M
TROUT	High Desert	Mid-Columbia	Hay Creek Falls	Private	Hay Crk	Trout Crk	StS	1	10	0	5	5	M
UPPER CROOKED R	High Desert	Deschutes	People's ID Diversion	People's ID	Crooked R	Deschutes R	RT, (St, Ch, BuT)	2	20	2	5	2	M
LOWER CROOKED R	High Desert	Deschutes	Crooked River Central Div.	Private	Crooked R	Deschutes R	RT, (St, Ch, BuT)	2	45	1	4	3	M
SF CROOKED R	High Desert	Deschutes	Lwr Cold Springs Diversion	Private	SF Crooked R	Crooked R	RT, (St, Ch)	1	10	1	5	6	M
WARNER LAKES	High Desert	Klamath	Honey Creek Weir	Private	Honey Crk	Hart Lake	RT, WSu	1	19	0	5	1	M
SPRAGUE R	High Desert	Klamath	Snake Creek Weir	Private	Snake Crk	Sycan R	RT, KLSu, Lam, SNSu, LRSu, (St, BuT)	2	2	0	5	2	M
GOOSE LAKE	High Desert	Klamath	Cox Creek Weir	Private	Cox Crk	Thomas Crk	RT, Lam, (MdcSu)	1	15	0	5	3	M
LAKE ABERT	High Desert	Klamath	Elder Weir	Private	Crooked Crk	Chewaucan R	RT	0	30	0	5	4	M
LOST R	High Desert	Klamath	Malone Dam	BOR	Lost R	Clear Lake	RT, KLSu, Lam, SNSu, LRSu	2	20	1	5	6	M
UPPER KLAMATH LAKE	High Desert	Klamath	7-Mile Creek Weir	Private	7-Mile Crk	Agency Lake	RT, (St, BuT)	1	10	0	3	6	M
WILLIAMSON R	High Desert	Klamath	USFWS Refuge Weir	USFWS	Upper Williamson R	L Williamson R	RT, KLSu, MLLam	0	0.5	0	5	6	M
UPPER KLAMATH R	High Desert	Klamath	JC Boyle Dam	PacificCorp	Klamath R	Pacific O	RT, Lam, SSu, SNSu, LRSu, (ChF, ChS,	2	300	3	3	6	M
DONNER UND BLITZEN R	High Desert	Southeast	Page Springs Gauging Weir	BLM	Donner und Blitzen R	Malheur Lake	RT, WF, SU	0	70	1.5	3	1	M
UPPER MALHEUR R	High Desert	Southeast	Reclamation Ditch Diversion	Drewsey Rec. Coop.	Malheur R	Snake R	RT, WF, SU, (St, Ch, BuT)	2	80	2	4	2	M
UPPER JOHN DAY R	Northeast	John Day	Panama Ditch Diversion	Private	Beech Crk	John Day R	StS, ChS, CtW	1	42	0	3	1	M
LOWER JOHN DAY R	Northeast	John Day	Wolf Hollow Dam	Private	Rock Crk	John Day R	StS	1	127	2	3	2	M
MF JOHN DAY R	Northeast	John Day	4550 Road Culvert	USFS	Granite Boulder Crk	MF John Day R	BuT, StS, ChS	2	4	0	3	3	M
NF JOHN DAY R	Northeast	John Day	SF Trail Creek Culvert	USFS	SF Trail Crk	Trail Crk	BuT, StS	2	4	0	3	4	M
WALLOWA R	Northeast	Wallowa	Deer Creek Culvert	USFS	Deer Crk	Wallowa R	BuT, St	2	5	0	2	2	M
NECANIGUM R	Northwest	North Coast	Hwy 53 Culvert	ODOT	Joe Crk	Bergsvik Crk	Co, Ct, StW	0	2	0	2	3	L
L COLUMBIA R	Northwest	North Coast	Hwy 202 Tide Gate	ODOT	Crosel Crk	Young's Bay	Ct, (Co, ChF, CS, StW)	3	1	0	3	5	L
SUSLAW R	Northwest	Mid-Coast	Siuslaw Falls	Lane County	Siuslaw R	Pacific O	Co, Ct, St	0	30	0	3	3	L
SOUTH SANTIAM R	Northwest	Mid-Willamette	Series of Culverts	ODOT, Sweet Home	Ames Crk	S Santiam R	StW, Rb, Ct, PLam	1	7	0	1	6	L
SOUTH UMPQUA R	Southwest	Umpqua	Winn Walker Dam	City of Canyonville	O'Shea Crk	S Umpqua R	Co, StW, Ct	0	6	0	5	6	L
UMPQUA R	Southwest	Umpqua	Dean Crk Elk Refuge TdGt/Dike	BLM, ODOT	Dean Crk	Umpqua R	ChS, ChF, Co, StS, StW, Ct	0	2	0	2	6	L
CHETCO R	Southwest	South Coast	Thompson Culvert	Unknown	Tuttle Crk	Chetco R		1	2.5	2.5	3.5	1	L
SIXES R	Southwest	South Coast	Cape Blanco Culvert	OPRD	Sullivan Gulch	Sixes R		0	2.5	2.5	3.5	2	L



## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Hells Canyon	La Grande	Idaho Power Company	Hells Canyon Dam	Dam	Snake River	Pacific lamprey, Summer Steelhead (ft), Redband trout, fall Chinook (ft), spring Chinook (ft), bull trout (ft), largescale sucker, northern pikeminnow, white sturgeon	4.0	75.0	100+	Medium	10+	4.0	2.0	5.0	Group 1 (Top Ten)
Lower Crooked	Deschutes	Deschutes Valley Water District	Opal Springs Diversion Dam	Dam	Crooked River	Bulltrout (ft), Spring Chinook, Redband trout, Summer Steelhead (ft)	2.0	356.9	94.238	med-high	7.0	3.0	2.0	5.0	Group 1 (Top Ten)
Middle Fork Willamette	Upper Willamette District	U.S. Army Corps of Engineers	Lookout Point Dam	Dam	Middle Fork Willamette River	Bulltrout (ft historical), Spring Chinook (ft), Rainbow trout, CT, WF, PL, NPM, LSS	1.0	54.8	41.831	High	1.0	2.0	1.0	5.0	Group 1 (Top Ten)
Middle Rogue	Upper Rogue	Steven Keeton	Fielder Dam	Dam	Evans Creek	Fall Chinook, Coho (ft), Pacific lamprey, Summer and Winter Steelhead, suckers, cutthroat	1.0	54.8	5.93	High	4.0	3.0	1.0	4.0	Group 1 (Top Ten)
Coast Fork Willamette	Upper Willamette District	U.S. Army Corps of Engineers	Cottage Grove	Dam	Coast Fork Willamette River	Spring Chinook (ft), Rainbow trout, CT, WF, PL, LSS	1.0	73.1	9.703	High	6.0	1.0	1.0	5.0	Group 1 (Top Ten)
North Santiam	Mid Willamette District	U.S. Army Corps of Engineers	Detroit Reservoir	Dam	North Santiam River	Bulltrout (ft historical), Spring Chinook (ft), Cutthroat trout, Winter Steelhead, Pacific Lamprey, Mountain Whitefish	1.0	33.7	0.000	High	0.0	4.0	2.0	5.0	Group 1 (Top Ten)
Middle Columbia-Hood	Mid-Columbia District	Middle Fork Irrigation District	Clear Branch Creek Dam	Dam	Pinnacle Creek, Clear Branch Creek	Bulltrout (ft), Spring Chinook (ft), Coastal cutthroat, Coho (ft/sE), Redband trout, Winter Steelhead (ft)	4.0	4.8	1.971	High	1.0	1.0	0.0	5.0	Group 1 (Top Ten)
Middle Rogue	Upper Rogue	Private	Wimer Dam	Dam	Evans Creek	Fall Chinook, Coho (ft), Pacific lamprey, Summer and Winter Steelhead, suckers, cutthroat	1.0	37.7	5.93	High	3.0	3.0	1.0	4.0	Group 1 (Top Ten)
Burnt	La Grande	U.S. Bureau of Reclamation	Unity Reservoir	Dam	Burnt River	Redband trout, largescale sucker, northern pikeminnow, bridgelip sucker	0.0	88.4	54.065	High	3.0	2.0	1.0	5.0	Group 1 (Top Ten)
South Santiam	Mid Willamette District	U.S. Army Corps of Engineers	Foster Reservoir	Dam	South Santiam River	Bulltrout (ft historical), Spring Chinook (ft), Winter Steelhead (ft), Pacific lamprey, Mountain Whitefish, CT	2.0	31.4	29.865	med-high	1.0	3.0	1.0	5.0	Group 1 (Top Ten)
Umatilla	Umatilla District	U.S. Bureau of Reclamation	McKay Reservoir (USBR)	Dam	McKay Creek	Summer Steelhead (ft), Redband trout (historical)	1.0	84.1	11.450	High	0.0	1.0	0.0	5.0	Group 1 (Top Ten)
Coast Fork Willamette	Upper Willamette District	U.S. Army Corps of Engineers	Dorena Dam	Dam	Row River	Spring Chinook (ft), Rainbow trout, CT, WF, PL, LSS	1.0	33.0	0.201	High	1.0	0.0	0.0	5.0	Group 2

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
McKenzie	Upper Willamette District	U.S. Army Corps of Engineers	Cougar Dam	Dam	South Fork McKenzie River	Bulltrout (fT), Spring Chinook (fT), Coastal cutthroat, RB, PL	2.0	37.1	0.000	High	0.0	2.0	1.0	4.0	Group 2
North Santiam	Mid Willamette District	U.S. Army Corps of Engineers	Big Cliff Dam	Dam	North Santiam River	Bulltrout (fT historical), Spring Chinook (fT), Cutthroat trout, Winter Steelhead (fT), Pacific Lamprey, Largescale Sucker, Northern Pikeminnow, Mountain Whitefish	2.0	2.8	35.133	High	1.0	4.0	1.0	5.0	Group 2
Illinois	Upper Rogue	U.S. Forest Service	Pomeroy Dam	Dam	Illinois River	CHF, Coho, STW, Pacific Lamprey, Suckers, Cutthroat	1.0	100+	1.5	med-high	1.0	3.0	0.0	3.0	Group 2
Middle Fork Willamette	Upper Willamette District	U.S. Army Corps of Engineers	Dexter	Dam	Middle Fork Willamette River	Bulltrout (fT historical), Spring Chinook (fT), Rainbow trout, CT, WF, PL, NPM, LSS	1.0	3.2	96.452	High	2.0	4.0	1.0	5.0	Group 2
Umatilla	Umatilla District		Blasted channel weirs	Weir/Sill	Umatilla River	Fall and Spring Chinook, Coho, Pacific lamprey, Summer Steelhead (fT), Redband trout, Bridgelip sucker, largescale sucker, Mountain Whitefish, Bulltrout (fT), Northern pikeminnow	2.0	225.5	53.394	Medium	8.0	2.0	2.0	4.0	Group 2
Upper Malheur	Southeast District	U.S. BOR & Vale Oregon Irrigation District	Agency Valley Dam	Dam	North Fork Malheur River	Chinook salmon (historical), Redband trout, bull trout (fT), largescale sucker, bridgelip sucker, northern pikeminnow,	1.0	133.8	0	High	0.0	0.0	4.0	5.0	Group 2
Applegate	Upper Rogue	U.S. Army Corps of Engineers/Oregon Dept Fish & Wildlife	Murphy Dam	Dam	Applegate River	Fall Chinook, Coho (fT), Pacific lamprey, Summer and Winter Steelhead, suckers, cutthroat	1.0	100.0	30.63	High	8.0	2.0	2.0	3.0	Group 2
Middle Fork Willamette	Upper Willamette District	U.S. Army Corps of Engineers	Hills Creek Reservoir	Dam	Middle Fork Willamette River	Bulltrout (fT historical), Spring Chinook (fT), Rainbow trout, CT, WF, PL, CSS	1.0	21.6	13.785	High	0.0	2.0	1.0	5.0	Group 3
Upper Klamath	Klamath District	PacifiCorp	John C. Boyle Dam	Dam	Klamath River	Redband trout, Fall and Spring Chinook (historical), Coho (historical), Pacific lamprey (historical), Summer Steelhead (historical), Klamath smallscale sucker, Lost River sucker (fE), Pit-Klamath lamprey, Klamath River lamprey	1.0	342.7	301.792	Medium	17.0	4.0	2.0	4.0	Group 3
Umatilla	Umatilla District	Unknown	Brownell Ditch Diversion Dam	Dam	Umatilla River	Fall and Spring Chinook, Coho, Pacific lamprey, Summer Steelhead (fT), Redband trout, Bridgelip sucker, largescale sucker, Mountain Whitefish, Bulltrout (fT), Northern pikeminnow	2.0	225.2	53.746	Medium	8.0	2.0	1.0	3.0	Group 3

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Umatilla	Umatilla District	PacificCorp	Boyd Hydro Dam	Dam	Umatilla River	Fall and Spring Chinook, Coho, Pacific lamprey, Summer Steelhead (ft), Redband trout, Bridgelip sucker, largescale sucker, Mountain Whitefish, Bulltrout, Northern pikeminnow	2.0	218.4	44.456	Medium	8.0	2.0	1.0	3.0	Group 3
Upper Rogue	Upper Rogue	Loren Walch	Walcot Dam	Dam	Little Butte Creek	Fall Chinook, Coho (ft), Pacific lamprey, Summer and Winter Steelhead, suckers, cutthroat	1.0	25.4	0.20	High	1.0	2.0	0.0	3.0	Group 3
Upper John Day	John Day District	Unknown	Meridith Diversion	Dam	Beech Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	45.4	1.330	high	1.0	0.0	0.0	4.0	Group 3
Upper John Day	John Day District	Unknown	Unnamed bedrock chute	Chute	Thirtymile Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	32.6	0.000	high	0.0	1.0	1.0	4.0	Group 3
Lower John Day	John Day District	Unknown	Unknown	Other	Murderers Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	32.6	0.000	high	0.0	0.0	0.0	4.0	Group 3
Lower John Day	John Day District	Unknown	Unnamed weir	Weir/Sill	Pine Hollow Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	36.5	0.000	high	0.0	0.0	0.0	4.0	Group 3
Middle Fork Willamette	Upper Willamette District	U.S. Army Corps of Engineers	Fall Creek Reservoir	Dam	Fall Creek	Bulltrout (ft historical), Spring Chinook (ft), Rainbow trout, Winter Steelhead, CT, WF, PL, CSS	1.0	43.9	2.384	High	0.0	1.0	1.0	4.0	Group 3
Powder	La Grande	U.S. Bureau of Reclamation	Thief Valley Dam	Dam	Powder River	Redband trout, bull trout (ft), largescale sucker, northern pikeminnow, bridgelip sucker	1.0	156.0	106.569	Medium	7.0	3.0	1.0	5.0	Group 3
South Santiam	Mid Willamette District	U.S. Army Corps of Engineers	Green Peter Reservoir	Dam	Middle Santiam River	Spring Chinook (ft), Winter Steelhead (ft), Cutthroat trout, Pacific Lamprey, Mountain Whitefish	2.0	38.4	0.000	High	0.0	1.0	3.0	5.0	Group 3
Upper Klamath Lake	Klamath District	Unknown	Unknown	Dam	Sevenmile Canal	Bulltrout (ft historical), Redband trout, spring chinook, summer steelhead, Lost River sucker (fe historical), pit klamath brook lamprey, Upper Klamath Lake lamprey	2.0	11.2	7.821	High	0.0	1.0	0.0	4.0	Group 4
North Santiam	Mid Willamette District	City of Salem	Salem Ditch headgate	Other	North Santiam River	Spring Chinook (ft), Winter Steelhead (ft), Fall Chinook, Coho, Pacific lamprey, Largescale Sucker, Northern Pikeminnow, CT	2.0	31.8	29.907	Medium	4.0	1.0	1.0	5.0	Group 4
Upper Klamath	Klamath District	PacifiCorp	Keno Dam	Dam	Klamath River	Redband trout, Fall and Spring Chinook (historical), Coho (historical), Pacific lamprey (historical), Summer	1.0	348.1	305.615	Medium	17.0	3.0	2.0	4.0	Group 4

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Powder	La Grande	Idaho Power Company	Brownlee Dam	Dam	Snake River	Pacific lamprey, Summer Steelhead (ft), Redband trout, fall Chinook (ft), spring Chinook (ft), bull trout (ft), largescale	1.0	300+	100+	Medium	10+	4.0	3.0	4.0	Group 4
Upper Rogue	Upper Rogue	Buck Walch	Charley Dam	Dam	Little Butte Creek	Fall-Chinook, Coho (ft), Pacific lamprey, Summer and Winter Steelhead, suckers, cutthroat	1.0	25.9	0.20	High	1.0	1.0	0.0	3.0	Group 4
Upper Rogue	Upper Rogue	Larry Perry	Brown Ditch Diversion	Dam	Little Butte Creek	Fall Chinook, Coho (ft), Pacific lamprey, Summer and Winter Steelhead, suckers, cutthroat	1.0	25.2	0.00	High	0.0	1.0	0.0	3.0	Group 4
Applegate	Upper Rogue		Lovelace Dam	Dam	Slate Creek	Fall Chinook, Coho (ft), Summer and Winter Steelhead, Pacific lamprey, suckers, cutthroat	1.0	25.3	0.00	High	0.0	1.0	0.0	3.0	Group 4
McKenzie	Upper Willamette District		Unnamed culvert	Culvert	Taylor Creek	CT, RB, PL, WF, possible LSS, Bulltrout (ft), Spring Chinook (ft)	2.0	15.8	0.000	High	0.0	0.0	0.0	3.0	Group 4
Brownlee Reservoir	La Grande	City of La Grande	Beaver Creek (Union)	Dam	Beaver Creek	Summer Steelhead (ft historical), Redband trout, bull trout (ft historical), Pacific lamprey, mountain sucker	2.0	6.8	0.000	High	0.0	1.0	0.0	5.0	Group 4
McKenzie	Upper Willamette District	Eugene Water & Electric Board	Trail Bridge Reservoir	Dam	McKenzie River	Bulltrout (ft), Spring Chinook (ft), Coastal cutthroat, RB, PL	2.0	5.4	16.396	High	2.0	1.0	0.0	5.0	Group 4
Middle Willamette	Mid Willamette District	City of Dallas	Mercer Reservoir	Dam	Rickreall Creek	Winter Steelhead (ft), Coho, Coastal cutthroat, Pacific Lamprey, Mountain Whitefish	1.0	18.6	0.000	High	0.0	0.0	0.0	5.0	Group 5
Middle Columbia-Hood	Mid-Columbia District	Unknown	Tenold Diversion Dam	Dam	Fifteenmile Creek	Coastal cutthroat, Pacific lamprey, Redband trout, summer Steelhead (ft)	1.0	102.2	1.204	High	1.0	0.0	0.0	3.0	Group 5
Middle Rogue	Upper Rogue	Gold Hill Irrigation District	Gold Hill Irrigation District Diversion Dam	Dam	Rogue River	Fall and Spring Chinook, Coho (ft), Pacific lamprey, Summer and Winter Steelhead, suckers, cutthroat	1.0	199.2	25.83	High	18.0	1.0	3.0	3.0	Group 5
Wilson-Trask-Nestucca	North Coast	Unknown	EFSF Trask Intake Dam	Dam	East Fork South Fork Trask Rvr	Coho (ft), Fall and Spring Chinook, Winter and Summer Steelhead, Coastal Cuthroat Trout, Pacific Lamprey	1.0	12.5	0.00	High	0.0	0.0	0.0	4.0	Group 5
North Santiam	Mid Willamette District	Santiam Water District	Stayton Ponds headgate	Other	North Santiam River	Spring Chinook (ft), Winter Steelhead (ft), Fall Chinook, Coho, Pacific lamprey, Largescale Sucker, Northern Pikeminnow, CT	2.0	33.9	24.922	Medium	4.0	2.0	1.0	3.0	Group 5
Applegate	Upper Rogue	John Hill	Bridgepoint Diversion Push-up Dam	Dam	Applegate River	FallChinook, Coho (ft), Pacific lamprey, Summer and Winter Steelhead, suckers, cutthroat	1.0	61.9	30.33	High	2.0	1.0	2.0	3.0	Group 5
Lower John Day	John Day District	Unknown	Unknown	Dam	North Fork Butte Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	25.1	5.364	Medium	2.0	1.0	0.0	5.0	Group 5

Attachment C

ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Upper Grande Ronde	La Grande	U.S. Bureau of Reclamation	Mason Dam	Dam	Powder River	Bulltrout (ft historical), Redband trout, largescale sucker, northern pikeminnow, bridgelip sucker	1.0	48.6	0.000	med-high	1.0	0.0	0.0	5.0	Group 5
Applegate	Upper Rogue	U.S. Army Corps of Engineers/Oregon Dept Fish & Wildlife	McKee Diversion Dam	Dam	Applegate River	Fall Chinook, Coho (ft), Pacific lamprey, Summer and Winter Steelhead, suckers, cutthroat	1.0	21.7	29.30	High	1.0	1.0	0.0	3.0	Group 5
Applegate	Upper Rogue		Williams Creek Boulder Push-up Dam	Dam	Williams Creek	Fall Chinook, Coho (ft), Pacific lamprey, Summer and Winter Steelhead, suckers, cutthroat	1.0	20.4	0.00	High	0.0	1.0	0.0	3.0	Group 5
North Fork John Day	John Day District	Unknown	Unnamed culvert	Culvert	Junkens Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	3.2	0.000	high	0.0	0.0	0.0	5.0	Group 5
Lower Crooked	Deschutes	White Deer Ranch	Rice Baldwin Dam	Dam	Crooked River	Spring Chinook, Redband trout, Summer Steelhead	1.0	14.2	330.972	High	4.0	3.0	1.0	4.0	Group 5
Lower Crooked	Deschutes	Quail Valley Ranch	Stearns Dam	Dam	Crooked River	Spring Chinook, Redband trout, Summer Steelhead	1.0	13.1	328.920	High	4.0	3.0	1.0	4.0	Group 5
Coast Fork Willamette	Upper Willamette District	Unknown	Unnamed dam	Dam	Coast Fork Willamette River	Spring Chinook (ft), Rainbow trout, CT, WF, PL, CSS	1.0	16.0	46.713	High	9.0	1.0	1.0	4.0	Group 5
Upper Willamette	Mid Willamette District	U.S. Army Corps of Engineers	Fern Ridge	Dam	Long Tom River	Spring Chinook (ft historical), Coastal cutthroat, Pacific Lamprey, Largescale Sucker, Northern Pikeminnow, White Sturgeon	0.0	664.8	4.227	Medium	10.0	1.0	2.0	5.0	Group 5
Lower Owyhee	Southeast District		Owyhee Ditch Dam	Dam	Owyhee River	Redband trout	0.0	29.5	71.37940351	High	1.0	2.0	1.0	5.0	Group 5
Coast Fork Willamette	Upper Willamette District	Weyerhaeuser	Unnamed dam	Dam	Coast Fork Willamette River	Spring Chinook (ft), Rainbow trout, CT, WF, PL, CSS	1.0	13.5	82.629	High	7.0	2.0	1.0	3.0	Group 6
Coast Fork Willamette	Upper Willamette District	Weyerhaeuser	Woodard's Dam	Dam	Coast Fork Willamette River	Spring Chinook (ft), Rainbow trout, CT, WF, PL, CSS	1.0	12.2	82.629	High	7.0	2.0	1.0	3.0	Group 6
Middle Fork John Day	John Day District	USFS	Unnamed culvert	Culvert	Deadwood Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey, Bull trout (ft)	2.0	1.8	0.000	High	0.0	0.0	0.0	4.0	Group 6

Attachment C

ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Brownlee Reservoir	La Grande	Idaho Power Company	Oxbow Hydro Dam (Snake)	Dam	Snake River	Pacific lamprey, Summer Steelhead (ft), Redband trout, fall Chinook (ft), spring Chinook (ft), bull trout (ft), largescale sucker, northern pikeminnow, white sturgeon	1.0	50.0	100+	Medium	10+	4.0	3.0	5.0	Group 6
Donner und Blitzen	Southeast District	USGS	Page Springs Gauging Weir	Dam	Donner und Blitzen River	Redband trout	0.0	101.7	0	High	0.0	2.0	0.0	3.0	Group 6
North Santiam	Mid Willamette District	Santiam Water District	North Santiam Overflow Dam	Dam	North Santiam side channel	Spring Chinook (ft), Winter Steelhead (ft), Fall Chinook, Coho, Summer Steelhead, Pacific lamprey, Largescale Sucker, Northern Pikeminnow, CT	2.0	5.1	45.603	Medium	5.0	2.0	1.0	3.0	Group 6
Applegate	Upper Rogue	Eldon Snyder	New Berryman Push-up Dam	Dam	Applegate River	Fall Chinook, Coho (ft), Pacific lamprey, Summer and Winter Steelhead, suckers, cutthroat	1.0	49.6	30.33	High	2.0	1.0	2.0	3.0	Group 6
Upper Grande Ronde	La Grande		Unknown	Dam	Willow Creek side channel	Summer Steelhead (ft), redband trout, juvenilr Chinook (ft), largescale sucker, northern pikeminnow, pacific lamprey	2.0	30.0	0.000	Medium	0.0	1.0	0.0	3.0	Group 6
Applegate	Upper Rogue	Greg Snow	Taylor Diversion Push-up Dam	Dam	Applegate River	Fall Chinook, Coho (ft), Pacific lamprey, Summer and Winter Steelhead, suckers, cutthroat	1.0	12.5	29.30	High	1.0	1.0	1.0	3.0	Group 6
Applegate	Upper Rogue		Watts-Topin Diversion	Dam	Williams Creek	Fall Chinook, Coho (ft), Pacific lamprey, Summer and Winter Steelhead, suckers, cutthroat	1.0	23.1	0.00	High	0.0	1.0	1.0	3.0	Group 6
Upper Deschutes	Deschutes	Joe LaMere	Bend Hydro (Mirrorpond)	Dam	Deschutes River	Bulltrout (ft historical), Redband trout	0.0	192.1	181.164	Medium	5.0	4.0	1.0	5.0	Group 6
Lower Columbia-Sandy	NWWD-Cascade Unit		Unnamed culvert	Culvert	Unnamed trib to Lost Creek	Spring Chinook (ft), Coho (ft/sE), Pacific lamprey, Summer Steelhead (ft), Winter Steelhead (ft), CT	4.0	1.0	0.000	Medium	1.0	0.0	0.0	3.0	Group 6
Lower Columbia-Sandy	NWWD-Cascade Unit	Unknown	Unnamed barrier	Unknown	Clear Fork	Spring Chinook (ft), Coho (ft/sE), Pacific lamprey, Summer Steelhead (ft), Winter Steelhead (ft), CT	4.0	1.7	0.000	Medium	1.0	0.0	0.0	3.0	Group 6
North Fork John Day	John Day District	Unknown	Unknown	CascadeGradientVelocity	West Fork Meadow Brook	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	3.9	0.000	high	0.0	0.0	0.0	4.0	Group 6
Lower John Day	John Day District	Wheeler County	Unnamed culvert	Culvert	Thirtymile Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	3.2	0.000	high	0.0	0.0	0.0	4.0	Group 6



## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Lower John Day	John Day District	Unknown	Alt Reservoir Dam	Dam	Wiley Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	3.2	0.000	high	0.0	0.0	0.0	4.0	Group 6
North Fork John Day	John Day District	Unknown	Unknown	Dam	Kahler Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	5.3	1.666	high	0.0	0.0	0.0	4.0	Group 6
Lower John Day	John Day District	Unknown	Unknown	Dam	Kahler Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	4.9	0.000	high	0.0	0.0	0.0	4.0	Group 6
Nehalem	North Coast	City of Vernonia	Unknown	Dam	Rock Creek	Coho (ft), Summer Chinook, Winter Steelhead, Coastal Cutthroat Trout, Pacific lamprey	1.0	32.9	0.00	High	0.0	0.0	0.0	3.0	Group 6
Wilson-Trask-Nestucca	North Coast	ODFW	Cedar Creek Hatchery Weir	Other	Three Rivers	Coho (ft), Fall and Spring Chinook, Winter and Summer Steelhead, Coastal Cutthroat Trout, Pacific Lamprey	1.0	13.0	0.00	High	0.0	0.0	1.0	4.0	Group 6
Middle Rogue	Upper Rogue		Unknown	Dam	Evans Creek	Coho (ft), Pacific lamprey, Summer and Winter Steelhead, Fall Chinook, suckers, cutthroat	1.0	5.1	0.00	High	0.0	1.0	0.0	3.0	Group 6
Powder	La Grande		Unknown	Dam	Eagle Creek	Bulltrout (ft historical), Redband trout, largescale sucker, northern pikeminnow, bridgelip sucker	1.0	72.8	58.359	Medium	0.0	2.0	0.0	3.0	Group 6
Middle Columbia-Hood	Mid-Columbia District	Unknown	Von Floto Diversion	Dam	Tony Creek	Coho (ft/sE), Spring Chinook (ft), Summer Steelhead (ft), Winter Steelhead (ft), Coastal cutthroat, Redband trout	4.0	1.4	3.627	High	1.0	0.0	0.0	1.0	Group 6
Wilson-Trask-Nestucca	North Coast	ODFW	Trask Hatchery Barrier (Rack)	Other	Gold Creek	Coho (FT) Fall Chinook, Winter Steelhead, Coastal Cutthroat Trout, Pacific Lamprey	1.0	4.1	0.00	High	0.0	0.0	0.0	5.0	Group 6
Illinois	Upper Rogue	Crutchfield	Holland Push-up Dam	Dam	Sucker Creek	Fall Chinook, Coho (ft), Pacific lamprey, Winter Steelhead, suckers, cutthroat	1.0	16.5	0.00	High	0.0	1.0	1.0	3.0	Group 7
Illinois	Upper Rogue	Craig MacIntosh	Lewis-McCann Push-up Dam	Dam	Sucker Creek	Fall Chinook, Coho (ft), Pacific lamprey, Winter Steelhead, suckers, cutthroat	1.0	15.4	0.00	High	0.0	1.0	1.0	3.0	Group 7
Illinois	Upper Rogue	Ted Gerber	Seyferth District Push-up Dam	Dam	Sucker Creek	Fall Chinook, Coho (ft), Pacific lamprey, Winter Steelhead, suckers, cutthroat	1.0	19.1	0.00	High	0.0	1.0	1.0	3.0	Group 7
Illinois	Upper Rogue	Dan MacLeod	White-Brown Push-up Dam	Dam	Sucker Creek	Fall Chinook, Coho (ft), Pacific lamprey, Winter Steelhead, suckers, cutthroat	1.0	15.7	0.00	High	0.0	1.0	1.0	3.0	Group 7
Upper Grande Ronde	La Grande	ODOT	I-84 Vertical Culvert/Elevat or Shaft	Culvert	Ladd Creek	Summer Steelhead (ft historical), Redband trout, Pacific lamprey	1.0	9.9	1.677	High	1.0	1.0	0.0	5.0	Group 7

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Silvies	Southeast District		Unknown 1.4 miles upstream of 5-mile dam	Dam	Silvies River	Redband trout	0.0	359.0	3.289761503	Medium	1.0	2.0	0.0	4.0	Group 7
Coast Fork Willamette	Upper Willamette District	Unknown	Unnamed dam	Dam	Coast Fork Willamette River	Spring Chinook (ft), Rainbow trout, CT, WF, PL, CSS	1.0	5.9	82.792	High	7.0	2.0	1.0	3.0	Group 7
Wallowa	Wallowa District		Unknown	Dam	Wallowa River	Bulltrout (ft), Spring Chinook (ft/sT), Summer Steelhead (ft), Redband trout, Sockeye Salmon (historical), Coho (historical), Mountain Whitefish, Largescale Sucker	3.0	8.6	10.717	Medium	1.0	1.0	0.0	1.0	Group 7
Coos	Coos-Coquille District	Weyerhaeuser	EF Millicoma Oxbow	Chute/velocity	East Fork Millicoma River	Fall Chinook, Coho (ft); Suckers; Pacific lamprey, Winter Steelhead	1.0	12.6	0	med-high	0.0	1.0	0.0	4.0	Group 7
Lower Willamette	NWWD-Cascade Unit	ODOT	Kellogg Creek Dam	Dam	Kellogg Creek	Coho (ft/sE), Fall Chinook (ft), Winter Steelhead (ft), CT, PL	3.0	6.1	0.000	Medium	1.0	0.0	0.0	4.0	Group 7
Middle Willamette	Mid Willamette District	Unknown	Waller Pond	Dam	Mill Creek	Fall Chinook, Spring Chinook (ft), -Winter Steelhead (ft), Pacific Lamprey, Largescale Sucker, Northern Pikeminnow, CT	2.0	22.6	0.000	Low	0.0	1.0	0.0	1.0	Group 7
Upper John Day	John Day District	Unknown	Unnamed culvert	Culvert	Buck Cabin Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	1.1	0.949	High	1.0	0.0	0.0	5.0	Group 7
Upper John Day	John Day District	Unknown	Unnamed culvert	Culvert	Hog Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	2.7	0.000	High	0.0	0.0	0.0	5.0	Group 7
Upper John Day	John Day District	USFS	Unnamed culvert	Culvert	Buck Cabin Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	1.1	0.000	High	0.0	0.0	0.0	5.0	Group 7
Warner Lakes	Klamath District	Unknown	Plush Dam	Dam	Honey Creek	Redband trout, Warner sucker (ft)	1.0	28.3	27.500	Medium	2.0	3.0	1.0	5.0	Group 7
Upper Grande Ronde	La Grande		Unknown	Other	Beaver Creek	Summer Steelhead (ft historical), Redband trout, bull trout (ft historical), Pacific lamprey, mountain sucker	2.0	0.4	7.025	High	1.0	2.0	0.0	5.0	Group 7
Silvies	Southeast District	Unknown	Fivemile Dam	Dam	Silvies River	Redband trout (historical)	0.0	360.6	3.29	Medium	1.0	1.0	1.0	5.0	Group 7
McKenzie	Upper Willamette District	U.S. Army Corps of Engineers	Blue River Dam	Dam	Blue River	Bulltrout (ft), Spring Chinook (ft), Coastal cutthroat, RB, PL	2.0	2.2	2.512	High	0.0	0.0	0.0	5.0	Group 7

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Imnaha	Wallowa District		Wallowa Valley Improvement Canal Diversion Dam	Dam	Big Sheep Creek	Bulltrout (ft), Spring Chinook (ft/ST historical), Redband trout, Summer Steelhead (ft)	3.0	1.4	0.000	Medium	0.0	1.0	0.0	5.0	Group 7
Middle Columbia-Hood	Mid-Columbia District		Byers Diversion	Dam	Mill Creek	Fall Chinook, Coho, Coastal cutthroat, Pacific lamprey, Redband trout, Winter Steelhead (ft)	1.0	15.7	20.329	High	1.0	1.0	0.0	2.0	Group 7
Upper Deschutes	Deschutes	Unknown	Sokol Dam	Dam	Whychus Creek	Spring Chinook, Redband trout, Summer Steelhead	1.0	17.5	0.000	High	1.0	0.0	0.0	4.0	Group 7
Powder	La Grande	Unknown	Coughanour Ditch Dam	Dam	Anthony Creek	Bulltrout (ft), Redband trout, mountain sucker	1.0	13.4	1.320	High	0.0	0.0	0.0	4.0	Group 7
Lower Columbia-Sandy	NWWD-Cascade Unit	Private	Unnamed culvert	Culvert	Henry Creek	Coho (ft/sE), Spring Chinook (ft), Summer Steelhead (ft), Winter Steelhead (ft) CT	4.0	0.9	0.000	Medium	1.0	0.0	0.0	4.0	Group 7
Applegate	Upper Rogue	Private	Santilla Fish Farm Dam (Harboldt)	Dam	Slate Creek	Fall Chinook, Coho (ft), Summer and Winter Steelhead, Pacific lamprey, suckers, cutthroat	1.0	14.6	0.00	Medium	0.0	1.0	0.0	3.0	Group 7
Upper Grande Ronde	La Grande		Unknown	Other	Beaver Creek	Summer Steelhead (ft historical), Redband trout, bull trout (ft historical), Pacific lamprey, mountain sucker	2.0	5.7	0.000	High	0.0	1.0	0.0	2.0	Group 7
Middle Fork John Day	John Day District	USFS	Unnamed culvert	Culvert	Swamp Gulch	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelp sucker, Mountain sucker, Pacific lamprey, Bull trout (ft)	2.0	0.2	0.000	High	0.0	0.0	0.0	4.0	Group 7
Middle Rogue	Upper Rogue		Wakeman Diversion Dam	Dam	Pleasant Creek	Fall Chinook, Coho (ft), Summer and Winter Steelhead, cutthroat	1.0	12.6	0.00	High	0.0	0.0	0.0	3.0	Group 7
Upper Willamette	Mid Willamette District	U.S. Army Corps of Engineers	Ferguson Creek Drop Structure	Dam	Long Tom River	Spring Chinook (ft historical), Coastal cutthroat, Pacific Lamprey, Largescale Sucker, Northern Pikeminnow, White Sturgeon	0.0	32.6	630.432	Medium	11.0	3.0	2.0	5.0	Group 7
North Fork John Day	John Day District	Unknown	Unnamed culvert	Culvert	Granite Creek	Bulltrout (ft historical), Summer Steelhead (ft), Redband trout	2.0	3.1	0.000	High	0.0	0.0	0.0	4.0	Group 7
North Santiam	Mid Willamette District	Santiam Water District	Lower Bennett Diversion Dam	Dam	North Santiam River	Spring Chinook (ft), Winter Steelhead (ft), Fall Chinook, Coho, Pacific lamprey, Largescale Sucker, Northern Pikeminnow, CT	2.0	31.7	36.613	Medium	4.0	1.0	1.0	1.0	Group 7
Nehalem	North Coast		Unnamed culvert	Culvert	Oak Ranch Creek	Coho (ft) Fall Chinook, Winter Steelhead, Coastal Cutthroat Trout, Pacific Lamprey	1.0	3.7	0.00	High	0.0	0.0	0.0	4.0	Group 7
Nehalem	North Coast		Unknown	Dam	Fishhawk Creek	Coho (ft), Summer Chinook, Winter Steelhead, Coastal Cutthroat Trout, Pacific lamprey	1.0	6.8	0.00	High	0.0	1.0	0.0	3.0	Group 7

Attachment C

ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Clackamas	NWWD-Cascade Unit	Unknown	North Fork Eagle Dam (EG084)	Dam	North Fork Eagle Creek	Coho (ft/sE), Summer Steelhead (ft), Winter Steelhead (ft), CT	3.0	6.5	0.000	Medium	1.0	0.0	0.0	4.0	Group 8
Middle Willamette	Mid Willamette District	City of Salem	Shelton Ditch Dam	Dam	Mill Creek	Spring Chinook (ft), Winter Steelhead (ft), Fall Chinook, Pacific Lamprey, Largescale Sucker, Northern Pikeminnow, CT	2.0	21.4	0.000	Low	0.0	0.0	0.0	2.0	Group 8
Middle Willamette	Mid Willamette District	Santiam Water District	State Pen. Dam	Dam	Mill Creek	Spring Chinook (ft), Winter Steelhead (ft), Fall Chinook, Summer Steelhead, Pacific Lamprey, Largescale Sucker, Northern Pikeminnow, CT	2.0	18.2	0.000	Low	0.0	0.0	0.0	2.0	Group 8
South Santiam	Mid Willamette District	Unknown	Jordan Power Dam	Dam	Thomas Creek	Spring Chinook (ft), Winter Steelhead (ft), Pacific Lamprey, Largescale Sucker, Northern Pikeminnow, CT	2.0	17.0	0.000	Medium	0.0	0.0	0.0	1.0	Group 8
Illinois	Upper Rogue		O'Brien Push-up Dam	Dam	West Fork Illinois River	Fall Chinook, Coho (ft), Winter Steelhead, Pacific Lamprey, suckers, cutthroat	1.0	18.5	1.58	High	1.0	0.0	1.0	3.0	Group 8
Wallowa	Wallowa District		Old City of Wallowa diversion	Dam	Bear Creek	Bulltrout (ft), Spring Chinook (ft/st), Coho (historical), Redband trout, Summer Steelhead (ft), Mountain Whitefish, Largescale Sucker	3.0	16.6	2.169	Medium	2.0	0.0	0.0	1.0	Group 8
Wallowa	Wallowa District		Sheep Ridge Ditch Diversion	Dam	Lostine River	Bulltrout (ft), Spring Chinook (ft/st), Redband trout, Summer Steelhead (ft), Mountain Whitefish, Largescale Sucker	3.0	14.6	0.000	Medium	0.0	0.0	0.0	1.0	Group 8
Upper John Day	John Day District	USFS	Unnamed culvert	Culvert	Deep Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	3.0	0.000	High	0.0	0.0	0.0	4.0	Group 8
Middle Fork John Day	John Day District	Unknown	Unnamed culvert	Culvert	Overholt Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey, Westslope Cutthroat	1.0	2.2	0.000	High	0.0	0.0	0.0	4.0	Group 8
Upper John Day	John Day District	USFS	Unnamed culvert	Culvert	Ragged Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	1.1	0.000	High	0.0	0.0	0.0	4.0	Group 8
Middle Fork John Day	John Day District	Jim Collins	Fopiano Reservoir	Dam	North & South Fopiano Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	3.4	0.000	Medium	0.0	0.0	0.0	5.0	Group 8
Necanicum	North Coast	ODOT	Unnamed culvert	Culvert	Asbury Creek	Coho (ft), Winter Steelhead (ft), Coastal Cutthroat Trout, Pacific Lamprey	2.0	1.3	0.00	High	0.0	0.0	0.0	5.0	Group 8

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Umpqua	Umpqua District	Winchester Water Control District	Winchester Dam	Dam	North Umpqua River	Fall and Spring Chinook, Coho (fT), Pacific lamprey, Summer and Winter Steelhead, Coastal cutthroat (historical and current)	1.0	157.2	16.433	High	17.0	2.0	2.0	1.0	Group 8
North Umpqua	Umpqua District	Douglas County	Galesville Reservoir	Dam	Cow Creek	Fall Chinook, Coho (fT), Winter Steelhead, Coastal cutthroat	1.0	27.5	39.606	Medium	8.0	1.0	1.0	5.0	Group 8
Wallowa	Wallowa District	Associated Ditch Companies	Wallowa Lake Dam	Dam	Wallowa River	Spring Chinook (fT/sT, historical), Bulltrout (fT historical), Sockeye Salmon	2.0	3.4	5.458	Low	0.0	2.0	0.0	5.0	Group 8
Lower Crooked	Deschutes	Unknown	Unknown	Dam	McKay Creek	Summer Steelhead, Redband trout	1.0	10.2	1.470	High	1.0	0.0	0.0	4.0	Group 8
Illinois	Upper Rogue		Unknown	Dam	Elk Creek	Coho (fT), Winter Steelhead and Summer Steelhead, pacific lamprey, suckers, cutthroat	1.0	5.7	1.60	High	1.0	0.0	0.0	3.0	Group 8
Upper Willamette	Mid Willamette District	U.S. Army Corps of Engineers	Monroe Dam and Fishway	Dam	Long Tom River	Spring Chinook (fT), Coastal cutthroat, Pacific Lamprey, Largescale Sucker, Northern Pikeminnow, White Sturgeon, CT	1.0	15.7	604.638	Medium	16.0	4.0	3.0	2.0	Group 8
Umatilla	Umatilla District	Unknown	Unnamed dam	Dam	Birch Creek	Fall Chinook, Coho, Redband trout, Summer Steelhead (fT)	1.0	81.4	5.346	Medium	1.0	1.0	0.0	3.0	Group 8
McKenzie	Upper Willamette District	Eugene Water & Electric Board	Smith River Dam	Dam	Smith River	Bulltrout (fT historical), Spring Chinook (fT), Coastal cutthroat, RB, PL	1.0	6.0	0.000	High	0.0	0.0	1.0	5.0	Group 8
Molalla-Pudding	NWWD-Cascade Unit	Unknown	Lima Dam	Dam	Butte Creek	Spring Chinook (fT), Coho, Winter Steelhead (fT), CT	2.0	13.1	0.000	Medium	1.0	0.0	0.0	4.0	Group 8
Middle Rogue	Upper Rogue	Medford Irrigation District	M.I.D. Bear Creek Diversion	Dam	Bear Creek	Fall Chinook, Coho (fT), Pacific lamprey, Summer and Winter Steelhead, suckers, cutthroat	1.0	18.6	26.48	Medium	6.0	0.0	0.0	3.0	Group 8
Middle Rogue	Upper Rogue	Talent Irrigation District	Oak Street Diversion	Dam	Bear Creek	Fall Chinook, Coho (fT), Summer and Winter Steelhead, Pacific lamprey, suckers, cutthroat	1.0	11.7	24.07	Medium	3.0	0.0	0.0	3.0	Group 8
Wallowa	Wallowa District		Lostine Fish Weir	Other	Lostine River	Bulltrout (fT), Spring Chinook (fT/sT), Summer Steelhead (fT), Redband trout, Coho (historical), Mountain Whitefish, Largescale Sucker	3.0	20.8	7.013	Medium	0.0	0.0	2.0	3.0	Group 8
Coos	Coos-Coquille District	ODOT	Culvert on Eel Creek at Highway 101	Culvert	Eel Creek	Coho (fT), Winter Steelhead; Suckers; Pacific lamprey; cutthroat trout	1.0	11.4	5.283288766	med-high	2.0	0.0	0.0	4.0	Group 8
Lower Crooked	Deschutes	Unknown	Bauersfeld Dam	Dam	Mill Creek	Redband trout	0.0	32.6	0.000	High	0.0	0.0	0.0	4.0	Group 8
Lower Crooked	Deschutes	Unknown	Copeland Dam	Dam	Mill Creek	Redband trout	0.0	36.9	0.000	High	0.0	0.0	0.0	4.0	Group 8
Wilson-Trask-Nestucca	North Coast	Unknown	Tuffy Dam	Dam	South Fork Wilson River	Coho (ft), Fall and Spring Chinook, Winter and Summer Steelhead, Coastal Cuthroat Trout, Pacific Lamprey	1.0	4.3	0.00	High	0.0	0.0	0.0	2.0	Group 8

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Coos	Coos-Coquille District	Weyerhaeuser	Williams River Quarry Falls	Chute	Williams River	Fall Chinook, Coho (FT), Pacific lamprey, Winter Steelhead	1.0	12.4	0	med-high	0.0	0.0	0.0	4.0	Group 8
Middle Fork John Day	John Day District	USFS	Unnamed culvert	Culvert	Trail Creek	Summer Steelhead (ft), Redband trout, Bull trout (ft)	2.0	1.2	1.989	High	2.0	0.0	0.0	5.0	Group 8
Middle Fork John Day	John Day District	USFS	Unnamed culvert	Culvert	Trail Creek	Summer Steelhead (ft historical), Redband trout, Bull Trout(ft)	2.0	1.1	0.000	High	0.0	0.0	0.0	5.0	Group 8
Upper Grande Ronde	La Grande		Unnamed culvert	Culvert	Little Indian Creek	Summer Steelhead (ft), Redband trout	1.0	3.7	0.000	High	0.0	0.0	0.0	5.0	Group 8
Upper Malheur	Southeast District	Unknown	Reclamation Ditch	Dam	Malheur River	Chinook salmon (historical), Redband trout, bull trout (historical), largescale sucker, bridgelip sucker, northern pikeminnow,	0.0	142.7	10.19	Medium	2.0	0.0	2.0	5.0	Group 8
Upper Grande Ronde	La Grande		Unnamed culvert	Culvert	Willow Creek	Summer Steelhead (ft), Redband trout, Pacific lamprey, largescale sucker, northern pikeminnow	1.0	56.4	7.922	Medium	1.0	1.0	0.0	2.0	Group 8
Middle Columbia-Hood	Mid-Columbia District		Unknown	Dam	Mill Creek	Coastal cutthroat, Coho, Winter Steelhead (ft), Pacific lamprey, Redband trout	1.0	13.5	20.329	Medium	1.0	1.0	0.0	3.0	Group 8
Wilson-Trask-Nestucca	North Coast	ODOT	Unnamed culvert	Culvert	Killam Creek	Coho (FT) Fall Chinook, Winter Steelhead, Coastal Cutthroat Trout, Pacific Lamprey	1.0	4.8	0.00	High	0.0	0.0	0.0	3.0	Group 8
Wilson-Trask-Nestucca	North Coast		Unnamed culvert	Culvert	Mill Creek	Coho (FT) Fall Chinook, Winter Steelhead, Coastal Cutthroat Trout, Pacific Lamprey	1.0	3.5	0.00	High	0.0	0.0	0.0	3.0	Group 8
Imnaha	Wallowa District	USFWS LSRCP	Little Sheep Creek Satellite Facility	Weir/Sill	Little Sheep Creek	Bulltrout (ft), Spring Chinook (ft/sT historical), Redband trout, Summer Steelhead (ft)	3.0	19.4	2.619	Medium	4.0	0.0	1.0	3.0	Group 8
Upper Deschutes	Deschutes	Unknown	Leithauser Dam	Dam	Whychus Creek	Spring Chinook, Redband trout, Summer Steelhead	1.0	19.0	0.000	High	1.0	0.0	0.0	3.0	Group 8
Lost	Klamath District	Unknown	Harpold Dam	Dam	Lost River	Redband trout, shortnose sucker (fE) Lost River sucker (fE) historical, lamprey (historical)	2.0	42.1	7.602	Low	2.0	1.0	0.0	3.0	Group 8
Powder	La Grande		Unknown	Dam	Anthony Creek	Bulltrout (ft), Redband trout, mountain sucker	1.0	12.0	0.000	High	0.0	0.0	0.0	3.0	Group 8
Middle Columbia-Hood	Mid-Columbia District		City of Dufur Water Intake	Dam	Fifteenmile Creek	, Pacific lamprey, Redband trout, Summer Steelhead (ft)	1.0	11.8	0.000	High	0.0	0.0	0.0	3.0	Group 8
Middle Columbia-Hood	Mid-Columbia District	Unknown	Dufur City Reservoir Dam	Dam	Fifteenmile Creek	Pacific lamprey, Redband trout, Summer Steelhead (ft)	1.0	11.9	0.000	High	0.0	0.0	0.0	3.0	Group 8
Applegate	Upper Rogue	Private	Farmers Ditch Diversion Dam	Dam	Little Applegate River	Fall Chinook, Pacific lamprey, Summer and Winter Steelhead, cutthroat	0.0	20.1	0.00	High	0.0	0.0	0.0	3.0	Group 8

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Lower Crooked	Deschutes	Bill Smith	Shevlin-Hixon Dam	Dam	Deschutes River	Bulltrout (fT historical), Redband trout	0.0	184.0	149.797	Medium	5.0	4.0	1.0	3.0	Group 8
Upper Deschutes	Deschutes	Unknown	Prineville Golf and Country Club Dam	Dam	Ochoco Creek	Summer Steelhead, Redband trout	1.0	1.8	170.872	Medium	1.0	4.0	0.0	3.0	Group 8
Middle Fork John Day	John Day District	Unknown	Unknown	Dam	Paul Creek	Summer Steelhead (fT), Redband trout, White Fish, Northern pikeminnow, Bridgelp sucker, Mountain sucker, Pacific lamprey	1.0	2.0	0.000	Medium	0.0	0.0	0.0	5.0	Group 8
Powder	La Grande	Powder Valley Water Control District	Wolf Creek Reservoir	Dam	Wolf Creek	Redband trout, bull trout (fT), largescale sucker, northern pikeminnow	1.0	13.5	0.000	Medium	0.0	0.0	0.0	5.0	Group 8
Molalla-Pudding	NWWD-Cascade Unit	Unknown	Mulino Irrigation Diversion Dam	Dam	Milk Creek	Fall Chinook, Spring Chinook (fT), Coho, Winter Steelhead (fT), CT	2.0	3.1	0.000	Medium	1.0	0.0	0.0	3.0	Group 9
Coos	Coos-Coquille District	ODFW & Tugman State Park	Eel Lake Reservoir	Dam	Eel Creek	Coho (fT), Winter Steelhead; Suckers; Pacific lamprey; cutthroat trout	1.0	9.4	5.283288766	med-high	2.0	1.0	0.0	3.0	Group 9
Upper Crooked	Deschutes	Crook County	Unnamed culvert	Culvert	Bear Creek	Redband trout	0.0	18.7	0.000	High	0.0	1.0	0.0	4.0	Group 9
Lost	Klamath District	Cecil C. Martha C. Hunt	Hunt S Reservoir	Dam	Big Springs Lost River	Redband trout, shortnose sucker (fE). Lost River sucker (fE, historical)	2.0	38.3	7.602	Low	2.0	1.0	0.0	4.0	Group 9
Middle Columbia-Hood	Mid-Columbia District		Lyda Dam	Dam	Fifteenmile Creek	, Pacific lamprey, Redband trout, Summer Steelhead (fT)	1.0	8.4	0.000	High	0.0	1.0	0.0	3.0	Group 9
Clackamas	NWWD-Cascade Unit	FARASY EARL ANTHONY	Unnamed culvert	Culvert	Clear Creek	Coho (fT/sE), Winter Steelhead (fT), Pacific lamprey, CT	2.0	11.4	0.000	Medium	1.0	0.0	0.0	3.0	Group 9
Illinois	Upper Rogue		Webb Push-up Dam	Dam	Elk Creek	Coho (fT), Winter Steelhead and Summer Steelhead, pacific lamprey, suckers, cutthroat	1.0	6.3	2.60	High	1.0	0.0	1.0	3.0	Group 9
Lower Rogue	Upper Rogue		Seats Dam	Dam	Rough & Ready Creek	Fall Chinook, Coho (fT), Winter Steelhead, suckers, Pacific Lamprey, cutthroat	1.0	11.0	0.00	Medium	0.0	0.0	0.0	3.0	Group 9
Illinois	Upper Rogue		Unknown	Dam	Wolf Creek	Coho (fT), Summer and Winter Steelhead, Pacific Lamprey, suckers, cutthroat	1.0	11.1	0.00	Medium	0.0	0.0	0.0	3.0	Group 9
Wallowa	Wallowa District	ODFW	Big Canyon Trap	Dam	Deer Creek	Bulltrout (fT), Spring Chinook (fT/sT), Redband trout, Summer Steelhead (fT), Mountain Whitefish, Largescale suckers	3.0	9.8	0.000	Medium	0.0	0.0	1.0	1.0	Group 9
Coos	Coos-Coquille District	Unknown	Unknown	Other	Clear Creek	Coho (fT historical), Winter Steelhead (historical); Pacific lamprey; cutthroat	1.0	4.9	0	med-high	0.0	0.0	0.0	5.0	Group 9

Attachment C

ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Sprague	Klamath District	Unknown	Dam	Weir 2	Sycan River	Summer Steelhead (historical), Redband trout, bull trout (ft Historical), Miller lake lamprey, Pit-Klamath brook lamprey	1.0	47.7	40.276	Medium	2.0	1.0	1.0	3.0	Group 9
Burnt	La Grande		Unknown	Dam	Burnt River	Redband trout, largescale sucker, bridgelip sucker, northern pikeminnow	0.0	37.7	190.993	Medium	6.0	3.0	1.0	3.0	Group 9
Burnt	La Grande		Unknown	Dam	Burnt River	Redband trout, largescale sucker, bridgelip sucker, northern pikeminnow	0.0	38.1	190.993	Medium	6.0	3.0	1.0	3.0	Group 9
Middle Willamette	NWWD-Coast Range Unit	ODOT	Hwy 43 Culvert	Culvert	Tryon Creek	Winter Steelhead (ft), Cutthroat, Coho (ft), Pacific Lamprey	2.0	4.0	0.000	Medium	0.0	0.0	0.0	4.0	Group 9
North Fork John Day	John Day District	USFS	Unnamed culvert	Culvert	Buck Cabin Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	0.1	1.929	High	2.0	0.0	0.0	5.0	Group 9
North Fork John Day	John Day District	Unknown	Unknown	Dam	Wiley Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	0.4	0.000	High	0.0	0.0	0.0	5.0	Group 9
Upper John Day	John Day District	Unknown	Unnamed culvert	Culvert	Park Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	1.2	0.000	Medium	0.0	0.0	0.0	4.0	Group 9
Alsea	Mid-Coast District	Unknown	Meadow Creek Log Pond (Mill Pond Dam)	Dam	Meadow Creek	Coho (ft), Winter Steelhead, cutthroat, pacific lamprey	1.0	1.6	0.00	High	0.0	0.0	0.0	5.0	Group 9
Wilson-Trask-Nestucca	North Coast		Unknown	Dam	Farmer Creek	Coho (ft), Fall Chinook, Chum, winter Steelhead, Coastal Cutthroat Trout, Pacific lamprey	1.0	1.8	0.00	High	0.0	0.0	0.0	3.0	Group 9
Lower Columbia-Sandy	NWWD-Cascade Unit		Unnamed culvert	Culvert	Hackett Creek	Coho (ft/sE), Summer Steelhead (ft), Winter Steelhead (ft), CT	3.0	2.1	0.000	Medium	1.0	0.0	0.0	2.0	Group 9
Lower Columbia-Sandy	NWWD-Cascade Unit		Unnamed culvert	Culvert	Hackett Creek	Coho (ft/sE), Summer Steelhead (ft), Winter Steelhead (ft), CT	3.0	2.0	0.000	Medium	1.0	0.0	0.0	2.0	Group 9
Upper Grande Ronde	La Grande	Unknown	Ditch Diversion Dams on Little Creek	Dam	Little Creek	Summer Steelhead (ft), Redband trout, juvenile Chinook(ft), Pacific lamprey, largescale sucker, northern pikeminnow	2.0	7.6	0.000	Medium	0.0	0.0	0.0	1.0	Group 9
Upper Grande Ronde	La Grande	Unknown	Ditch Diversion Dams on Little Creek	Dam	Little Creek	Summer Steelhead (ft), Redband trout, juvenile Chinook(ft), Pacific lamprey, largescale sucker, northern pikeminnow	2.0	6.9	0.000	Medium	0.0	0.0	0.0	1.0	Group 9
Upper Grande Ronde	La Grande	Unknown	Ditch Diversion Dams on Little Creek	Dam	Little Creek	Summer Steelhead (ft), Redband trout, juvenile Chinook(ft), Pacific lamprey, largescale sucker, northern pikeminnow	2.0	6.3	0.000	Medium	0.0	0.0	0.0	1.0	Group 9



## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Upper Grande Ronde	La Grande	Unknown	Ditch Diversion Dams on Little Creek	Dam	Little Creek	Summer Steelhead (ft), Redband trout, juvenile Chinook(ft), Pacific lamprey, largescale sucker, northern pikeminnow	2.0	5.8	0.000	Medium	0.0	0.0	0.0	1.0	Group 9
Upper Grande Ronde	La Grande	Unknown	Ditch Diversion Dams on Little Creek	Dam	Little Creek	Summer Steelhead (ft), Redband trout, juvenile Chinook(ft), Pacific lamprey, largescale sucker, northern pikeminnow	2.0	5.6	0.000	Medium	0.0	0.0	0.0	1.0	Group 9
Lower Columbia	North Coast	ODOT	Crosel Crk Culvert / Crosel Crk	Culvert	Crosel Creek	Lower Columbia River Chinook (ft), Winter Steelhead (ft), Chum (ft), Pacific Lamprey	3.0	0.3	0.00	Medium	0.0	0.0	0.0	4.0	Group 9
Lower Columbia-Clatskanie	NWWD-Coast Range Unit		Unnamed tidegates	Tide Gates	Deer Island Slough	Coho (ft/sE), Winter Steelhead, CT, PL	1.0	10.7	0.000	Medium	0.0	1.0	0.0	3.0	Group 9
Upper Rogue	Upper Rogue	Jamie Hanscomb	C-2 #1 Meyers	Dam	Salt Creek	Coho (ft), Summer Steelhead and winter steelhead, cutthroat	1.0	4.1	0.00	High	0.0	0.0	0.0	3.0	Group 9
Upper Rogue	Upper Rogue	Jamie Hanscomb	C-2 #2 Meyers	Dam	Salt Creek	Coho (ft), Summer Steelhead and winter steelhead, cutthroat	1.0	3.8	0.00	High	0.0	0.0	0.0	3.0	Group 9
Upper Rogue	Upper Rogue	M. Krumwiede	Krumwiede 1	Dam	Salt Creek	Coho (ft), Summer Steelhead and winter steelhead, cutthroat	1.0	4.9	0.00	High	0.0	0.0	0.0	3.0	Group 9
Upper Rogue	Upper Rogue	Max Peile	Peile 1	Dam	Salt Creek	Coho (ft), Summer Steelhead and winter steelhead, cutthroat	1.0	3.3	0.00	High	0.0	0.0	0.0	3.0	Group 9
Upper Rogue	Upper Rogue	Max Peile	Peile 2	Dam	Salt Creek	Coho (ft), Summer Steelhead and winter steelhead, cutthroat	1.0	2.8	0.00	High	0.0	0.0	0.0	3.0	Group 9
McKenzie	Upper Willamette District		Shotgun Park Swimming Hole Dam	Dam	Shotgun Creek	CT, PL, Spring Chinook (ft), Summer Steelhead	1.0	7.0	0.339	High	1.0	0.0	0.0	3.0	Group 9
Coos	Coos-Coquille District	Unknown	Unnamed dam	Dam	Clear Creek	Coho (ft), Winter Steelhead; Pacific lamprey; cutthroat trout	1.0	0.4	5.28	med-high	1.0	2.0	0.0	5.0	Group 9
North Fork John Day	John Day District	Unknown	Unnamed culvert	Culvert	Junkens Creek	Summer Steelhead (ft), Redband trout, White Fish, Northern pikeminnow, Bridgelp sucker, Mountain sucker, Pacific lamprey	1.0	0.9	3.333	High	1.0	0.0	0.0	4.0	Group 9
Upper Klamath Lake	Klamath District	Unknown	Unknown	Dam	Sun Creek	Bulltrout (ft), Spring and Fall Chinook, Summer Steelhead, Redband trout (all species historical)	1.0	2.3	4.993	High	2.0	1.0	0.0	5.0	Group 9
Nehalem	North Coast		Unnamed tidegate	Tide Gate	Gallagher Slough	Coho (ft), Fall and Summer Chinook, Chum, Coastal Cutthroat Trout	1.0	1.2	0.00	Medium	0.0	1.0	0.0	4.0	Group 9
McKenzie	Upper Willamette District	Eugene Water & Electric Board	Carmen Diversion	Dam	McKenzie River	Coastal cutthroat	0.0	6.6	9.663	High	1.0	1.0	0.0	5.0	Group 9
Lower Columbia-Sandy	NWWD-Cascade Unit	Multnomah County	Beaver Creek Fishways at Troutdale Rd & Stark St	Culvert	Beaver Creek	Coho (ft/sE), Winter Steelhead (ft), Pacific lamprey, CT	2.0	3.1	4.832	Medium	1.0	0.0	0.0	3.0	Group 9

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Clackamas	NWWD-Cascade Unit	OSTERMAN FAMILY LLC	Unnamed culvert	Culvert	Clear Creek	Coho (ft/sE), Winter Steelhead (ft), Pacific lamprey, CT	2.0	8.1	0.000	Medium	1.0	0.0	0.0	3.0	Group 9
Clackamas	NWWD-Cascade Unit	Arthur Gary Schmale	Nagae Brothers Diversion Dam	Dam	Deep Creek	Coho (ft/sE), Winter Steelhead (ft), Pacific lamprey, CT	2.0	3.5	0.000	Medium	1.0	0.0	0.0	3.0	Group 9
Clackamas	NWWD-Cascade Unit		Unknown	Dam	Tickle Creek	Coho (ft/sE), Winter Steelhead (ft), Pacific lamprey, CT	2.0	4.8	0.155	Medium	1.0	0.0	0.0	3.0	Group 9
Lower Rogue	Upper Rogue		Unknown	Dam	Wolf Creek	Coho (ft), Summer and Winter Steelhead, Pacific Lamprey, suckers, cutthroat	1.0	5.1	0.00	Medium	0.0	0.0	0.0	3.0	Group 9
Illinois	Upper Rogue	Gary Buck	Wing/Farren Dam	Dam	Rough and Ready Creek	Fall Chinook, Coho (ft), Winter Steelhead, pacific lamprey, suckers, cutthroat	1.0	7.3	0.00	Medium	0.0	0.0	0.0	3.0	Group 9
Middle Willamette	NWWD-Cascade Unit	Clarence A. Hitchman	Bull Frog Lake	Dam	Abernathy Creek	Coho (ft/sE), Winter Steelhead (ft), CT	2.0	16.2	0.570	Medium	1.0	0.0	0.0	3.0	Group 9
Molalla-Pudding	NWWD-Cascade Unit	City of Silverton	Silverton Water Supply Dam	Dam	Abiqua Creek	Spring Chinook (ft), Coho, Winter Steelhead (ft), CT	2.0	12.3	0.000	Medium	1.0	0.0	0.0	3.0	Group 9
Middle Willamette	NWWD-Cascade Unit	Unknown	Unnamed dam	Dam	Abernathy Creek	Coho (ft/sE), Winter Steelhead (ft), CT	2.0	16.5	0.570	Medium	1.0	0.0	0.0	3.0	Group 9
Illinois	Upper Rogue	W. Mayfield	Floyd Ditch Push-up Dam	Dam	Althouse Creek	Fall Chinook, Coho (ft), Winter Steelhead, Pacific lamprey, cutthroat	1.0	4.8	0.00	High	0.0	0.0	1.0	3.0	Group 9
Illinois	Upper Rogue	Dollarhide	Houck-George Ditch Push-up Dam	Dam	Althouse Creek	Fall Chinook, Coho (ft), Winter Steelhead, Pacific lamprey, cutthroat	1.0	5.6	0.00	High	0.0	0.0	1.0	3.0	Group 9
Illinois	Upper Rogue	Brian Axtell	Morrey Ditch Push-up Dam	Dam	Althouse Creek	Fall Chinook, Coho (ft), Winter Steelhead, Pacific lamprey, cutthroat	1.0	7.6	0.00	High	0.0	0.0	1.0	3.0	Group 9
Illinois	Upper Rogue	Art Robinson	Upper Spences Push-up Dam	Dam	Althouse Creek	Fall Chinook, Coho (ft), Winter Steelhead, Pacific Lamprey, cutthroat	1.0	4.8	0.00	High	0.0	0.0	1.0	3.0	Group 9
Molalla-Pudding	NWWD-Cascade Unit	Unknown	Scotts Mills Falls Dam	Dam	Butte Creek	Spring Chinook (ft), Coho, Winter Steelhead (ft), CT	2.0	8.1	0.000	Medium	1.0	0.0	0.0	4.0	Group 9
South Umpqua	Umpqua District		Unnamed	Other	Camp Creek	Fall Chinook, Coho (ft), Pacific lamprey, Winter Steelhead, Coastal cutthroat	1.0	8.9	0.000	Medium	0.0	0.0	0.0	4.0	Group 9
Upper Grande Ronde	La Grande	Unknown	Unnamed dam	Dam	Dry Creek	Summer Steelhead (ft), Redband trout, Pacific lamprey, largescale sucker, northern pikeminnow	1.0	6.3	7.922	Medium	1.0	1.0	0.0	2.0	Group 9
Umatilla	Umatilla District	Unknown	Broun/Garton Diversion	Dam	Birch Creek	Coho, Summer Steelhead(ft), Redband trout	1.0	74.1	3.318	Medium	1.0	0.0	0.0	3.0	Group 9

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Upper Grande Ronde	La Grande		Unknown	Other	West Fork Beaver Creek	Summer Steelhead (FT), redband trout, bull trout (FT), mountain sucker	2.0	2.5	0.000	High	0.0	0.0	0.0	2.0	Group 9
Wilson-Trask-Nestucca	North Coast	ODOT	Unnamed culvert	Culvert	Joe Creek	Coho (FT) Fall Chinook, Winter Steelhead, Coastal Cutthroat Trout, Pacific Lamprey	1.0	1.3	0.00	High	0.0	0.0	0.0	3.0	Group 9
Necanicum	North Coast	ODOT	Unnamed culvert	Culvert	Fox Creek	Coho (FT) Fall Chinook, Winter Steelhead, Coastal Cutthroat Trout, Pacific Lamprey	1.0	1.1	0.00	High	0.0	0.0	0.0	3.0	Group 9
Wilson-Trask-Nestucca	North Coast	Tillamook County	Unnamed culvert	Culvert	Samson Creek	Coho (ft), Winter Steelhead (FT), Coastal Cutthroat Trout, Pacific Lamprey	2.0	0.7	0.00	High	0.0	0.0	0.0	5.0	Group 9
North Santiam	Mid Willamette District	Unknown	Mill City Power Diversion Dam	Dam	North Santiam River	Bulltrout (fT historical), Spring Chinook (fT), -Winter Steelhead (fT), Largescale Sucker, Northern Pikeminnow, CT	2.0	8.5	27.971	Medium	4.0	1.0	1.0	1.0	Group 10
North Umpqua	Umpqua District	City of Sutherlin	City of Sutherlin Dam	Dam	Calapooya Creek	Coho (fT), Pacific lamprey, Winter Steelhead, Brook Lamprey, Coastal Cutthroat	1.0	36.8	1.287	Medium	2.0	0.0	0.0	2.0	Group 10
Powder	La Grande		Unknown	Dam	Powder River	Redband trout, largescale sucker, bridgeliip sucker, northern pikeminnow	0.0	32.4	75.785	Medium	3.0	2.0	1.0	3.0	Group 10
Powder	La Grande		Unknown	Dam	Powder River	Redband trout, largescale sucker, bridgeliip sucker, northern pikeminnow	0.0	32.3	75.470	Medium	3.0	2.0	1.0	3.0	Group 10
Upper Willamette	Mid Willamette District	U.S. Army Corps of Engineers	Stroda Dam	Dam	Long Tom River	Spring Chinook (fT historical), Coastal cutthroat, Pacific Lamprey, Largescale Sucker, Northern Pikeminnow, White Sturgeon	0.0	9.9	669.919	Medium	13.0	3.0	2.0	4.0	Group 10
South Umpqua	Umpqua District	Sutherlin Water Control District	Plat I Reservoir	Dam	Sutherlin Creek	Coho (fT), Winter Steelhead, Coastal cutthroat	1.0	5.1	0.000	Medium	0.0	1.0	0.0	4.0	Group 10
Wilson-Trask-Nestucca	North Coast	Tillamook County	Unnamed culvert	Culvert	Prouty Creek	Coho (ft), Fall Chinook, Chum, winter Steelhead, Coastal Cutthroat Trout, Pacific lamprey	1.0	0.8	0.00	High	0.0	0.0	0.0	4.0	Group 10
Coos	Coos-Coquille District	Unknown	Unknown	Chute	Big Creek	Fall Chinook, Coho (fT), Winter Steelhead	1.0	1.6	0	med-high	0.0	1.0	0.0	4.0	Group 10
Middle Columbia-Hood	Mid-Columbia District	Unknown	Unknown	Dam	Ramsey Creek	Pacific lamprey, Redband trout, Summer Steelhead (fT)	1.0	1.1	0.000	High	0.0	1.0	0.0	3.0	Group 10
Lower Columbia-Sandy	NWWD-Cascade Unit	Multnomah County	Beaver Creek Fishways at Troutdale Rd & Stark St	Culvert	Beaver Creek	Coho (fT/sE), Winter Steelhead (fT), Pacific lamprey, CT	2.0	2.8	4.832	Medium	1.0	0.0	0.0	3.0	Group 10
Alvord Lake	Southeast District		Unknown	Other	Willow Creek	Lahontan Cutthroat (fT/sT)	1.0	8.8	0	Medium	0.0	1.0	0.0	5.0	Group 10

Attachment C

ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Coquille	Coos-Coquille District	Unknown	Baker Creek Culvert	Culvert	Baker Creek	Fall Chinook, Coho (ft); Winter Steelhead; Pacific lamprey; cutthroat trout	1.0	1.9	0	med-high	0.0	0.0	0.0	4.0	Group 10
Burnt	La Grande	Baker County	Unnamed culvert	Culvert	Deer Creek	Redband trout, largescale sucker, northern pikeminnow	0.0	3.8	1.520	High	1.0	0.0	0.0	4.0	Group 10
Molalla-Pudding	NWWD-Cascade Unit	Henry Aamodt	Aamodt	Dam	Rock Creek	Spring Chinook (ft), Winter Steelhead (ft), CT	2.0	9.1	0.000	Medium	1.0	0.0	0.0	3.0	Group 10
Clackamas	NWWD-Cascade Unit	Summit Lumber Company	Unnamed dam	Dam	North Fork Deep Creek	Coho (ft/sE), Winter Steelhead (ft), CT	2.0	4.5	0.000	Medium	1.0	0.0	0.0	3.0	Group 10
Clackamas	NWWD-Cascade Unit	Valberg Lumber Company	Unnamed dam	Dam	North Fork Deep Creek	Coho (ft/sE), Winter Steelhead (ft), CT	2.0	3.5	0.000	Medium	1.0	0.0	0.0	3.0	Group 10
Lower Columbia-Clatskanie	NWWD-Coast Range Unit	Columbia County	Unnamed culvert	Culvert	Clatskanie River	Coho(ft/sE), Winter Steelhead, CT	1.0	13.2	1.283	Medium	1.0	0.0	0.0	4.0	Group 10
Middle Rogue	Upper Rogue	Dom Provost	Beeson-Robison Diversion	Dam	Wagner Creek	Coho (ft), Summer Steelhead and winter steelhead and Pacific Lamprey, cutthroat	1.0	9.1	0.00	Medium	0.0	0.0	0.0	3.0	Group 10
Middle Rogue	Upper Rogue	Leonard Parrish	Parrish Dam	Dam	Wagner Creek	Coho (ft), Summer Steelhead, winter steelhead, Pacific lamprey, cutthroat	1.0	6.3	0.00	Medium	0.0	0.0	0.0	3.0	Group 10
Applegate	Upper Rogue		Unknown	Dam	Slate Creek	Coho (ft), Summer and Winter Steelhead, Pacific Lamprey, cutthroat	1.0	4.8	0.00	Medium	0.0	0.0	0.0	3.0	Group 10
Coast Fork Willamette	Upper Willamette District		Bennett Creek Dam	Dam	Bennett Creek	Spring Chinook (ft), Rainbow trout, CT, PL, CSS	1.0	2.9	0.000	Medium	0.0	0.0	0.0	3.0	Group 10
Brownlee Reservoir	La Grande		Unknown	Dam	Pine Creek	Bulltrout (ft), Redband trout, largescale sucker, northern pikeminnow	1.0	15.5	0.000	Medium	0.0	0.0	0.0	3.0	Group 10
South Umpqua	Umpqua District		Canyon Creek Dam	Dam	Canyon Creek	Fall Chinook, Coho (ft), Winter Steelhead, Coastal cutthroat	1.0	10.5	8.988	Medium	4.0	1.0	1.0	3.0	Group 10
Applegate	Upper Rogue		Rollin Smith Dam 2	Dam	Yale Creek	Summer and Winter Steelhead, cutthroat	0.0	5.9	0.00	High	0.0	1.0	0.0	3.0	Group 10
Wallowa	Wallowa District		Bowman Cascades	Other	Lostine River	Bulltrout (ft), Spring Chinook (ft/sT), Summer Steelhead (ft), Redband trout	3.0	3.6	0.000	Medium	0.0	0.0	1.0	1.0	Group 10
Wilson-Trask-Nestucca	North Coast	Tillamook County	Unnamed culvert	Culvert	Murphy Creek	Coho (ft), Fall Chinook, Chum, winter Steelhead, Coastal Cutthroat Trout, Pacific lamprey	1.0	0.8	0.00	High	0.0	0.0	0.0	3.0	Group 10
Middle Fork John Day	John Day District	USFS	Unnamed culvert	Culvert	Trail Creek	Summer Steelhead (ft historical), Redband trout, Bull Trout(ft)	2.0	0.4	1.273	High	1.0	0.0	0.0	5.0	Group 10
Warner Lakes	Klamath District	Unknown	Unnamed	culvert	Sun Creek	Bulltrout (ft), Fall Chinook, Spring Chinook, Redband trout, Summer Steelhead (all species historical), Pit-Klamath brook lamprey	1.0	2.3	6.798	High	4.0	1.0	1.0	4.0	Group 10

Attachment C

ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Upper Klamath Lake	Klamath District	Unknown	Unnamed	culvert	Threemile Creek	Bulltrout (ft historical)	1.0	2.0	0.602	High	0.0	0.0	0.0	5.0	Group 10
Warner Lakes	Klamath District	Unknown	Rookery Diversion	Dam	Honey Creek	Redband trout, Warner sucker (ft)	1.0	0.2	57.612	Medium	7.0	3.0	1.0	5.0	Group 10
Warner Lakes	Klamath District	Unknown	Hidden Ditch Diversion	Dam	Honey Creek	Redband trout, Warner sucker (ft)	1.0	0.2	57.365	Medium	6.0	3.0	1.0	5.0	Group 10
Warner Lakes	Klamath District	Unknown	Middle Diversion Ditch	Dam	Honey Creek	Redband trout, Warner sucker (ft)	1.0	0.4	56.968	Medium	5.0	3.0	1.0	5.0	Group 10
Warner Lakes	Klamath District	Unknown	East Field Ditch Diversion	Dam	Honey Creek	Redband trout, Warner sucker (ft)	1.0	0.3	56.624	Medium	4.0	3.0	1.0	5.0	Group 10
Upper Klamath Lake	Klamath District	Unknown	Fish Hatchery Diversion	Dam	Honey Creek	Redband trout, Warner sucker (ft)	1.0	0.9	55.756	Medium	3.0	3.0	1.0	5.0	Group 10
Upper Grande Ronde	La Grande		Unnamed culvert	Culvert	Camp Creek	Bulltrout (ft), Redband trout, Summer Steelhead (ft)	2.0	1.6	0.000	High	0.0	0.0	0.0	2.0	Group 10
Middle Columbia-Hood	Mid-Columbia District		Unknown	Dam	South Fork Mill Creek	Coastal cutthroat, Coho, Winter Steelhead (ft), Redband trout	1.0	2.2	20.329	Medium	1.0	1.0	0.0	3.0	Group 10
Tualatin	NWWD-Coast Range Unit		Unnamed culvert	Culvert	Iler Creek	Coho, Winter Steelhead (ft), CT	1.0	2.5	0.000	High	0.0	0.0	0.0	4.0	Group 10
Tualatin	NWWD-Coast Range Unit	ODOT	Unnamed culvert	Culvert	Unnamed trib to West Fork Dairy Creek	Coastal cutthroat	0.0	4.0	2.608	High	0.0	0.0	0.0	5.0	Group 10
Lower Rogue	South Coast		Unnamed culvert	Culvert	Deadline Creek	Fall Chinook, Coho (ft), Winter Steelhead	1.0	1.7	0.000	High	0.0	0.0	0.0	4.0	Group 10
Upper Rogue	Upper Rogue	C-2 Cattle Ranch	C-2 #3	Dam	Salt Creek	Coho (ft), Summer Steelhead and winter steelhead, cutthroat	1.0	1.4	0.00	High	0.0	0.0	0.0	3.0	Group 10
Upper Rogue	Upper Rogue	C-2 Cattle Ranch	C-2 #4	Dam	Salt Creek	Coho (ft), Summer Steelhead and winter steelhead, cutthroat	1.0	1.3	0.00	High	0.0	0.0	0.0	3.0	Group 10
Upper Rogue	Upper Rogue		Cascade Ranch Diversion	Dam	Lost Creek	Coho (ft), Summer Steelhead and Winter Steelhead, cutthroat	1.0	1.9	0.00	High	0.0	0.0	0.0	3.0	Group 10
Middle Rogue	Upper Rogue		Depew Diversion	Dam	Ditch Creek	Coho (ft), Summer and Winter Steelhead, cutthroat	1.0	1.9	0.00	High	0.0	0.0	0.0	3.0	Group 10
Imnaha	Wallowa District		Consolidated Ditch Diversion	Dam	Hurricane Creek	Bulltrout (ft), Spring Chinook (ft/sT historical), Coho (historical), Summer Steelhead (ft), Redband trout	3.0	0.4	0.000	Low	0.0	0.0	1.0	5.0	Group 10
Wallowa	Wallowa District		Unnamed culvert	Culvert	Lick Creek	Bulltrout (ft), Redband trout, Summer Steelhead (ft)	2.0	2.7	0.000	Medium	0.0	1.0	0.0	1.0	Group 10
Wallowa	Wallowa District	ODFW	Wallowa Salmon Pond	Dam	Spring Creek	Spring Chinook (ft/sT), Coho (historical), Redband trout, Summer Steelhead (ft)	2.0	1.2	1.417	Medium	0.0	1.0	0.0	1.0	Group 10

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Lower Columbia-Clatskanie	NWWD-Coast Range Unit	Clatsop County	Apiary Road Culvert	Culvert	Little Clatskanie River	Coho(ft/sE), Winter Steelhead, CT	1.0	5.1	0.000	Medium	0.0	1.0	0.0	3.0	Group 10
Upper Rogue	Upper Rogue	Eagle Point Irrigation District	Eagle Point Irrigation District Diversion Dam	Dam	South Fork Big Butte Creek	Spring Chinook, Coho (ft), Summer and Winter Steelhead, suckers, cutthroat	1.0	7.7	0.00	Medium	0.0	0.0	1.0	3.0	Group 10
Powder	La Grande		Unknown	Dam	West Eagle Creek	Bulltrout (ft historical), Redband trout	1.0	3.4	3.674	High	0.0	0.0	0.0	3.0	Group 10
Wilson-Trask-Nestucca	North Coast		Unnamed tidegate	Tide Gate	Beaver Creek	Coho, Winter Steelhead, Coastal Cutthroat Trout, Chum, Pacific Lamprey	0.0	4.1	0.00	High	0.0	0.0	0.0	3.0	Group 10
Middle Fork Willamette	Upper Willamette District		Unnamed culvert	Culvert	Noisy Creek	CT, Spring Chinook (ft), potentially RB and BuT(ft)	2.0	3.2	0.000	Medium	0.0	0.0	0.0	1.0	Group 10
Walla Walla	Umatilla District	Unknown	Unnamed pipe casing	Other	Birch Creek	Fall and Spring Chinook, Coho, Summer Steelhead (ft), Redband trout	1.0	51.1	2.577	Medium	1.0	0.0	0.0	1.0	Group 10
Umatilla	Umatilla District	Hudson Bay District Improvement Company	Little Walla Walla Dam	Dam	Walla Walla River	Bulltrout (ft), Redband trout, Summer Steelhead (ft)	2.0	72.6	0.000	Medium	0.0	0.0	0.0	1.0	Group 10
Coquille	Coos-Coquille District	Unknown	Unnamed culvert	Culvert	Coal Creek	Coho (ft), Winter Steelhead; Pacific lamprey; cutthroat trout	1.0	1.9	0	med-high	0.0	0.0	0.0	4.0	Group 10
Coquille	Coos-Coquille District	Unknown	Unnamed culvert	Culvert	Coal Creek	Coho (ft), Winter Steelhead; Pacific lamprey; cutthroat trout	1.0	1.9	0	med-high	0.0	0.0	0.0	4.0	Group 10
Wilson-Trask-Nestucca	North Coast	Tillamook County	Unnamed culvert	Culvert	Myrtle Creek	Coho (ft), Winter Steelhead (FT), Coastal Cutthroat Trout, Pacific Lamprey	2.0	0.5	0.00	Medium	0.0	0.0	0.0	3.0	Group 10
Coquille	Coos-Coquille District	Coos County	Unnamed culvert	Culvert	Unnamed trib to North Fork Coquille River	Coho (ft); Winter steelhead; Pacific lamprey; cutthroat trout	1.0	0.3	0	Medium	0.0	1.0	0.0	5.0	Group 10
Lower Deschutes	Mid-Columbia District	Unknown	USFS Road 4450 Culvert	Culvert	Ramsey Creek	Pacific lamprey, Redband trout, Summer Steelhead (ft)	1.0	1.7	0.000	High	0.0	1.0	0.0	2.0	Group 10
Middle Columbia-Hood	Mid-Columbia District	U.S. Bureau of Land Management	Jones Canyon Crossing	Ford	Unnamed trib to Deschutes River	Summer Steelhead (ft), Redband trout	1.0	2.1	0.000	High	0.0	1.0	0.0	3.0	Group 10
Clackamas	NWWD-Cascade Unit		Unnamed culvert	Culvert		Coho (ft/sE), Winter Steelhead (ft), CT	2.0	2.9	0.000	Medium	1.0	0.0	0.0	3.0	Group 10

Attachment C

ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Clackamas	NWWD-Cascade Unit		Unnamed culvert	Culvert	N Fork Deep creek	Coho (ft/sE), Winter Steelhead (ft), CT	2.0	2.5	0.000	Medium	1.0	0.0	0.0	3.0	Group 10
Clackamas	NWWD-Cascade Unit		Unnamed culvert	Culvert	Tickle Creek	Coho (ft/sE), Winter Steelhead (ft), CT	2.0	2.4	0.000	Medium	1.0	0.0	0.0	3.0	Group 10
Clackamas	NWWD-Cascade Unit		Unknown	Dam	Clear Creek	Coho (ft/sE), Winter Steelhead (ft), CT	2.0	2.6	0.000	Medium	1.0	0.0	0.0	3.0	Group 10
Clackamas	NWWD-Cascade Unit	Unknown	Unnamed dam	Dam	Foster Creek	Coho (ft/sE), Winter Steelhead (ft), CT	2.0	2.9	0.000	Medium	1.0	0.0	0.0	3.0	Group 10
Sixes	South Coast		Unnamed culvert	Culvert	Unnamed trib to Brush Creek	Coastal cutthroat, Coho (ft), Winter Steelhead	1.0	0.3	0.000	High	0.0	1.0	0.0	5.0	Group 10
Applegate	Upper Rogue		Smith/Myer/Roper Diversion	Dam	Ashland Creek	Coho (ft), Summer Steelhead and Winter Steelhead, Pacific Lamprey, cutthroat	1.0	2.0	2.42	Medium	1.0	0.0	0.0	3.0	Group 10
Middle Rogue	Upper Rogue	Talent Irrigation District	Talent Irrigation Dist Diversion	Dam	Ashland Creek	Coho (ft), Summer Steelhead and Winter Steelhead, Pacific Lamprey, cutthroat	1.0	2.6	2.42	Medium	1.0	0.0	0.0	3.0	Group 10
Middle Rogue	Upper Rogue	Private	Murphy Creek Dam	Dam	Murphy Creek	Coho (ft), Summer and Winter Steelhead, Pacific Lamprey, cutthroat	1.0	3.0	0.00	Medium	0.0	0.0	0.0	3.0	Group 10
McKenzie	Upper Willamette District	Rosboro Lumber Co	Unnamed culvert	Culvert	North Fork Wycoff Creek	Spring Chinook (ft), CT, likely PL, maybe Rainbow trout and Summer Steelhead	1.0	1.1	0.000	Medium	0.0	0.0	0.0	5.0	Group 10
Umatilla	Umatilla District	Unknown	Unnamed irrigation dam	Dam	West Birch Creek	Summer Steelhead (ft), Redband trout	1.0	35.3	34.214	Medium	1.0	2.0	0.0	1.0	Group 10
South Umpqua	Umpqua District	Douglas County	Culvert	Unnamed culvert	Cooper Creek	Coho (ft), Summer and Winter Steelhead, Coastal Cutthroat	1.0	3.4	0.000	Medium	0.0	0.0	0.0	3.0	Group 10
Upper Rogue	Upper Rogue	U.S. Bureau of Reclamation	Antelope Creek Diversion	Dam	Antelope Creek	Summer Steelhead, winter steelhead, co (ft), cutthroat	1.0	7.1	0.00	Medium	0.0	0.0	0.0	3.0	Group 10
McKenzie	Upper Willamette District		Unknown	Dam	Drury Creek	CT, PL, Spring Chinook (ft), Possibly Rainbow trout and Summer Steelhead	1.0	2.9	0.000	Medium	0.0	0.0	0.0	3.0	Group 10
Coquille	Coos-Coquille District	Unknown	Unnamed culvert	Culvert	Schoolhouse Creek	Coho (ft historical), Winter Steelhead (historical); Pacific lamprey; cutthroat trout	1.0	0.6	0	med-high	0.0	1.0	0.0	4.0	Group 10
Upper Klamath Lake	Klamath District	Unknown	Unknown	Dam	Fourmile Creek Canal	Redband trout, Fall and Spring Chinook (historical), Summer Steelhead (historical), pit klamath brook lamprey, bull trout (ft historical)	1.0	14.4	3.807	Medium	1.0	0.0	0.0	3.0	Group 10

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Tualatin	NWWD-Coast Range Unit	Unknown	Balm Grove Dam	Dam	Gales Creek	Coho, Winter Steelhead (fT), CT	1.0	23.1	0.000	Medium	0.0	0.0	0.0	3.0	Group 10
Sixes	South Coast	Unknown	Floras Lake Outlet	Dam	Boulder Creek	Coho (fT), Pacific lamprey, Winter Steelhead	1.0	10.3	0.000	Medium	1.0	0.0	0.0	3.0	Group 10
Lost	Klamath District	U.S. Bureau of Reclamation	Gerber Reservoir	Dam	Miller Creek	Redband trout, Shortnose sucker (fE)	1.0	19.1	0.000	Low	0.0	1.0	0.0	5.0	Group 10
Imnaha	Wallowa District		Wallowa Valley Improvement Canal Diversion Dam	Dam	Little Sheep Creek	Bulltrout (fT), Redband trout, Summer Steelhead (fT)	2.0	1.2	0.352	Low	1.0	0.0	0.0	5.0	Group 10
Coos	Coos-Coquille District	Unknown	Unnamed culvert	Culvert	Threemile Creek	Coho (fT historical), Winter Steelhead (historical); Pacific lamprey; cutthroat trout	1.0	2.5	0	med-high	0.0	0.0	0.0	4.0	Group 10
Lower Columbia-Clatskanie	NWWD-Coast Range Unit		Unnamed culvert	Culvert	Clatskanie River	Coho (fT/sE), Winter Steelhead, CT	1.0	7.1	1.283	Medium	1.0	0.0	0.0	4.0	Group 10
Lower Columbia-Clatskanie	NWWD-Coast Range Unit	Columbia County	Unnamed culvert	Culvert	Clatskanie River	Coho(fT/sE), Winter Steelhead, CT	1.0	8.7	1.283	Medium	1.0	0.0	0.0	4.0	Group 10
Umatilla	Umatilla District		Peterson Dam	Dam	Birch Creek	Coho, Summer Steelhead(fT), Redband trout	1.0	75.8	3.318	Medium	1.0	1.0	0.0	1.0	Group 10
Coos	Coos-Coquille District	Unknown	Unnamed culvert	Culvert	Unnamed trib to Willanch Creek	Coho (fT), Winter Steelhead; cutthroat trout	1.0	1.2	0	med-high	0.0	0.0	0.0	4.0	Group 11
Upper Deschutes	Deschutes	Central Oregon Irrigation District	North Unit Diversion Dam	Dam	Deschutes River	Bulltrout (fT historical), Redband trout	0.0	1.3	254.994	Medium	6.0	4.0	1.0	5.0	Group 11
Lower John Day	John Day District	Unknown	Unnamed culvert	Culvert	Wiley Creek	Summer Steelhead (fT), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	0.0	0.000	High	0.0	0.0	0.0	5.0	Group 11
North Fork John Day	John Day District	Three Valleys Ranch	Kinzua	Dam	Searcy Creek	Summer Steelhead (fT), Redband trout, White Fish, Northern pikeminnow, Bridgelip sucker, Mountain sucker, Pacific lamprey	1.0	#DIV/0!	0.000	High	0.0	0.0	0.0	5.0	Group 11
Burnt	La Grande	Martin Grier	Camp Creek Reservoir (Baker)	Dam	Camp Creek & Bull Run Creek	Redband trout	0.0	43.6	0.000	Medium	0.0	0.0	0.0	5.0	Group 11
Burnt	La Grande	Kenneth Brush/Denis Fast/Kenneth Taylor	Whited Reservoir (Baker)	Dam	South Fork Burnt River	Redband trout	0.0	40.3	0.000	Medium	0.0	0.0	0.0	5.0	Group 11
Siletz-Yaquina	Mid-Coast District	USFS	Unnamed culvert	Culvert	North Creek	Fall Chinook, Coho (fT), Winter Steelhead, pacific lamprey	1.0	1.9	0.00	Medium	0.0	0.0	0.0	4.0	Group 11



## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Trout	Mid-Columbia District		Unknown	Other	South Fork Mill Creek	Coastal cutthroat, Coho, Winter Steelhead (ft), Redband trout	1.0	2.3	20.329	Medium	1.0	1.0	0.0	1.0	Group 11
Middle Columbia-Hood	Mid-Columbia District	Unknown	Railroad Crossing above Gateway	Culvert	Mud Springs Creek	Summer Steelhead (ft), Redband trout	1.0	5.1	5.067	Medium	0.0	0.0	0.0	5.0	Group 11
Umatilla	Umatilla District	Unknown	Unnamed dam	Dam	Wildhorse Creek	summer steelhead Redband trout	1.0	8.6	0.000	Medium	0.0	0.0	0.0	5.0	Group 11
Siletz-Yaquina	Mid-Coast District	Cascade/ODFW	Valsetz Lake Sills Dam	Dam	South Fork Siletz River	Summer Steelhead, pacific lamprey	0.0	15.5	0.00	Medium	0.0	1.0	0.0	4.0	Group 11
Sixes	South Coast		Unnamed culvert	Culvert	Sixes Wetland	Fall Chinook, Coho (ft), Pacific lamprey, Winter Steelhead	1.0	0.2	0.000	High	0.0	1.0	0.0	1.0	Group 11
Coos	Coos-Coquille District	ODOT	Unnamed culvert	Culvert	Clear Creek	Coho (ft), Winter Steelhead; Pacific lamprey; cutthroat trout	1.0	0.4	5.28321121	med-high	2.0	1.0	0.0	1.0	Group 11
Upper Grande Ronde	La Grande		Unnamed culvert	Culvert	East Fork Indian	Bulltrout (ft), Redband trout, Summer Steelhead (ft)	2.0	0.7	0.000	High	0.0	0.0	0.0	2.0	Group 11
Middle Columbia-Hood	Mid-Columbia District		Underhill Diversion	Dam	Fifteenmile Creek	Pacific lamprey, Redband trout, Summer Steelhead (ft)	1.0	29.3	1.204	High	1.0	0.0	0.0	1.0	Group 11
Applegate	Upper Rogue	Don Lacy	Crump 1	Dam	Yale Creek	Summer and Winter Steelhead, cutthroat	0.0	8.0	0.00	High	0.0	0.0	0.0	3.0	Group 11
Wallowa	Wallowa District		Unknown	Dam	Wallowa River	Bulltrout (ft historical), Spring Chinook (ft/st), Summer Steelhead (ft), Redband trout, Sockeye Salmon (historical), Coho (historical)	2.0	3.2	6.503	Medium	1.0	0.0	0.0	1.0	Group 11
Coos	Coos-Coquille District	Unknown	Mart Davis Dam	Dam	Mart Davis Creek	Coho (ft), Winter Steelhead; Pacific lamprey; cutthroat trout	1.0	1.5	0	med-high	0.0	0.0	1.0	4.0	Group 11
Umatilla	Umatilla District	Unknown	Unnamed dam	Dam	Greasewood Creek	Summer Steelhead (ft historical), Redband trout (historical)	1.0	12.5	13.983	Low	0.0	1.0	0.0	4.0	Group 11
Middle Rogue	Upper Rogue	ODOT	Unnamed culvert	Culvert	Fruitdale Creek	Coho (ft), Summer and Winter Steelhead, cutthroat	1.0	10.0	0.00	Low	0.0	0.0	0.0	3.0	Group 11
Upper Grande Ronde	La Grande	Hawkins	Unnamed culvert	Culvert	Pyles Creek	Summer Steelhead (ft), Chinook juveniles (ft)	2.0	7.0	0.000	Medium	0.0	0.0	0.0	2.0	Group 11
Sixes	South Coast		Unnamed culvert	Culvert	Unnamed trib to Brush Creek	Fall Chinook, Coho (ft), Pacific lamprey, Winter Steelhead	1.0	0.4	0.000	High	0.0	0.0	0.0	4.0	Group 11
Umatilla	Umatilla District	Unknown	Unnamed dam	Dam	Wildhorse Creek	Coho, Summer Steelhead(ft), Redband trout	1.0	11.7	27.024	Medium	2.0	2.0	1.0	1.0	Group 11
Coast Fork Willamette	Upper Willamette District	Lane County	Unnamed culvert	Culvert	Bannister Creek	Spring Chinook (ft), CT, RB, LSS	1.0	0.4	0.000	High	0.0	0.0	0.0	4.0	Group 11

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Coquille	Coos-Coquille District	Unknown	Unnamed weir	Weir/Sill	Beaver Creek	Coho (ft), Winter Steelhead; Pacific lamprey; cutthroat trout	1.0	1.2	0	med-high	0.0	0.0	0.0	3.0	Group 11
Sprague	Klamath District	Unknown	Weir 3	Dam	Sycan River	Summer Steelhead (historical), Redband trout, bull trout (ft Historical), Miller lake lamprey, Pit-Klamath brook lamprey	1.0	2.2	0.000	Medium	0.0	0.0	0.0	3.0	Group 11
Upper Grande Ronde	La Grande		Unnamed culvert	Culvert	Rock Creek East Fork	Summer Steelhead (ft), Redband trout, Pacific lamprey	1.0	1.8	0.000	Medium	0.0	0.0	0.0	5.0	Group 11
South Santiam	Mid Willamette District		Jazel Reservoir	Dam	Billy Creek	Coastal cutthroat, -Winter Steelhead (ft historical), Pacific Lamprey, Largescale Sucker, Northern Pikeminnow, Coastal Cutthroat	0.0	2.1	2.142	Medium	0.0	0.0	0.0	5.0	Group 11
Siletz-Yaquina	Mid-Coast District	Unknown	Bull Creek Culvert	Culvert	Bull Creek	Coho (ft), Winter Steelhead, cutthroat, pacific lamprey	1.0	1.9	0.00	Medium	0.0	0.0	0.0	3.0	Group 11
Alsea	Mid-Coast District		Unnamed culvert	Culvert	Honey Grove Creek	Coho (ft), Winter Steelhead, cutthroat, pacific lamprey	1.0	2.4	0.00	Medium	0.0	0.0	0.0	3.0	Group 11
Alsea	Mid-Coast District		Unnamed culvert	Culvert	Honey Grove Creek	Coho (ft), Winter Steelhead, cutthroat, pacific lamprey	1.0	1.9	0.00	Medium	0.0	0.0	0.0	3.0	Group 11
Middle Columbia-Hood	Mid-Columbia District	Unknown	Middle Fk Irrigation Dist Hydro	Dam	Rogers Spring Creek	Winter Steelhead (ft), Redband trout	1.0	0.3	0.000	High	0.0	1.0	0.0	5.0	Group 11
Umpqua	Umpqua District		Unnamed	Culvert	Canyon Creek	Winter Steelhead, Coastal cutthroat (historical)	0.0	5.1	5.636	Medium	1.0	1.0	0.0	5.0	Group 11
North Umpqua	Umpqua District		Unnamed	Culvert	Russell Creek	Fall Chinook, Coho (ft), Winter Steelhead, Coastal cutthroat	1.0	2.5	0.000	Medium	0.0	0.0	0.0	3.0	Group 11
South Umpqua	Umpqua District	City of Drain	Bear Creek Reservoir #3	Dam	Bear Creek	Coho (ft), Winter Steelhead, Coastal cutthroat	1.0	2.8	0.000	Medium	0.0	0.0	0.0	5.0	Group 11
South Umpqua	Umpqua District	Sutherlin Water Control District	Cooper Creek Reservoir	Dam	Cooper Creek	Coho (ft), Winter Steelhead, Coastal cutthroat	1.0	1.2	0.000	Medium	0.0	0.0	0.0	5.0	Group 11
McKenzie	Upper Willamette District		Unnamed culvert	Culvert	McGowan Creek	Spring Chinook (ft), CT, Summer Steelhead	1.0	1.2	0.000	Medium	0.0	0.0	0.0	5.0	Group 11
Powder	La Grande		Unknown	Dam	North Powder River	Redband trout, bull trout (ft historical), largescale sucker, northern pikeminnow	1.0	27.4	0.000	Medium	0.0	0.0	0.0	1.0	Group 11
Powder	La Grande		Unknown	Dam	North Powder River	Redband trout, bull trout (ft historical), largescale sucker, northern pikeminnow	1.0	26.8	0.000	Medium	0.0	0.0	0.0	1.0	Group 11
Lower Columbia-Clatskanie	NWWD-Coast Range Unit	ODOT	Unnamed culvert	Culvert	Merrill Creek	Coho(ft/sE), Winter Steelhead, CT	1.0	7.7	0.000	Medium	0.0	0.0	0.0	3.0	Group 11

Attachment C

ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Lower Columbia-Clatskanie	NWWD-Coast Range Unit	Columbia County	Unnamed culvert	Culvert	Clatskanie River	Coho (ft/sE), Winter Steelhead, CT	1.0	3.9	0.000	Medium	0.0	0.0	0.0	3.0	Group 11
Lower Columbia-Clatskanie	NWWD-Coast Range Unit	ODOT	Unnamed culvert	Culvert	Fox Creek	Coho (ft/sE), Winter Steelhead, CT	1.0	3.4	0.000	Medium	0.0	0.0	0.0	3.0	Group 11
Umatilla	Umatilla District	Unknown	Unnamed dam	Dam	Butter Creek	Summer Steelhead (ft), Redband trout	1.0	66.6	0.000	Low	4.0	0.0	0.0	4.0	Group 11
South Umpqua	Umpqua District		Unnamed	Culvert	Rock Creek	Coho (ft), Winter Steelhead, Coastal cutthroat	1.0	4.8	0.000	Medium	0.0	0.0	0.0	3.0	Group 11
Upper Grande Ronde	La Grande	Oregon Department of Transportation	Unnamed culvert	Culvert	Ladd Creek	Summer Steelhead (ft historical), Redband trout, Pacific lamprey	1.0	0.9	11.140	High	2.0	1.0	0.0	2.0	Group 11
Upper Grande Ronde	La Grande	Oregon Department of Transportation	Unnamed culvert	Culvert	Ladd Creek	Summer Steelhead (ft historical), Redband trout, Pacific lamprey	1.0	0.4	10.897	High	2.0	1.0	0.0	2.0	Group 11
Upper Klamath Lake	Klamath District	Unknown	Unknown	Dam	Annie Creek	Bulltrout (ft historical), Fall and Spring Chinook (historical), Redband trout, Summer Steelhead (historical)	1.0	9.8	14.879	Medium	4.0	1.0	1.0	4.0	Group 11
Powder	La Grande		Unknown	Dam	Anthony Creek	Bulltrout (ft), Redband trout, mountain sucker	1.0	13.7	0.000	High	0.0	0.0	0.0	1.0	Group 11
Coquille	Coos-Coquille District	Coos County	Unnamed culvert	Culvert	Schoolhouse Creek	Coho (ft), Winter Steelhead; Pacific lamprey; cutthroat trout	1.0	0.8	0	med-high	0.0	0.0	0.0	5.0	Group 11
Alvord Lake	Southeast District		Whitehorse Ranch Dam	Dam	Whitehorse Creek	Lahontan Cutthroat (ft/st)	1.0	3.6	0	Medium	0.0	1.0	0.0	2.0	Group 11
Upper Klamath Lake	Klamath District	Unknown	Unknown	Dam	Sun Creek	Bulltrout (ft), Spring and Fall Chinook, Summer Steelhead, Redband trout (all species historical)	1.0	0.3	5.326	High	3.0	1.0	1.0	5.0	Group 11
Sprague	Klamath District	Unknown	Unnamed	Culvert	Leonard Creek	Bulltrout (ft historical), Redband trout, Summer Steelhead (historical). Pit klamath brook lamprey	1.0	1.8	1.295	Medium	0.0	0.0	0.0	4.0	Group 11
Siletz-Yaquina	Mid-Coast District		Unnamed culvert	Culvert	Unnamed trib to Deer Creek	Coho (ft), Winter Steelhead, cutthroat, pacific lamprey	1.0	0.7	0.00	Medium	0.0	0.0	0.0	5.0	Group 11
Wilson-Trask-Nestucca	North Coast		Unnamed culvert	Culvert	Kiwanda Creek	Coho, Winter Steelhead, Coastal Cutthroat Trout, Chum, Pacific Lamprey	0.0	2.8	0.00	High	0.0	0.0	0.0	2.0	Group 11
Tualatin	NWWD-Coast Range Unit		Unnamed culvert	Culvert	Bateman Creek	Coho, Winter Steelhead (ft), CT	1.0	1.4	0.000	Medium	0.0	0.0	0.0	4.0	Group 11

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Tualatin	NWWD-Coast Range Unit		Unnamed culvert	Culvert	Bateman Creek	Coho, Winter Steelhead (ft), CT	1.0	1.4	0.000	Medium	0.0	0.0	0.0	4.0	Group 11
Sixes	South Coast		Unnamed culvert	Culvert	Blackberry	Fall Chinook, Coho (ft), Winter Steelhead	1.0	1.4	0.000	Medium	0.0	0.0	0.0	4.0	Group 11
South Umpqua	Umpqua District	Douglas County	Unnamed	Culvert	Lally Creek	Coho (ft), Winter Steelhead, Coastal cutthroat	1.0	2.5	0.000	Medium	0.0	0.0	0.0	4.0	Group 11
Umatilla	Umatilla District	Unknown	Unnamed bridge	Bridge	West Birch Creek	Summer Steelhead (ft), Redband trout	1.0	33.9	34.214	Medium	1.0	2.0	1.0	1.0	Group 11
Coquille	Coos-Coquille District	Coos County	Unnamed culvert	Culvert	Blair Creek	Coho (ft), Winter Steelhead; Pacific lamprey; cutthroat trout	1.0	0.9	0	med-high	0.0	0.0	0.0	4.0	Group 11
Siletz-Yaquina	Mid-Coast District		Unnamed culvert	Culvert	Parker Creek	Coho (ft), Winter Steelhead, cutthroat, pacific lamprey	1.0	0.8	0.00	Medium	0.0	0.0	0.0	4.0	Group 11
Siuslaw	Mid-Coast District	ODOT	Unnamed culvert	Culvert	Cleveland Creek	Coho (ft), Winter Steelhead, cutthroat, pacific lamprey	1.0	0.8	0.00	Medium	0.0	0.0	0.0	4.0	Group 11
Alsea	Mid-Coast District	Lincoln County	Unnamed culvert	Culvert	Blair Creek	Coho (ft), Winter Steelhead, cutthroat, pacific lamprey	1.0	0.7	0.00	Medium	0.0	0.0	0.0	4.0	Group 11
Siletz-Yaquina	Mid-Coast District	Lincoln County	Unnamed culvert	Culvert	Unnamed Stream	Coho (ft), Winter Steelhead, cutthroat, pacific lamprey	1.0	0.2	0.00	Medium	0.0	0.0	0.0	4.0	Group 11
Siletz-Yaquina	Mid-Coast District	Lincoln County	Unnamed culvert	Culvert	Unnamed Stream	Coho (ft), Winter Steelhead, cutthroat, pacific lamprey	1.0	0.2	0.00	Medium	0.0	0.0	0.0	4.0	Group 11
Siuslaw	Mid-Coast District	Linde Kester	Farman Creek Reservoir	Dam	Farman Creek	Coho (ft), Winter Steelhead, cutthroat, pacific lamprey	1.0	2.6	0.00	Low	0.0	0.0	0.0	3.0	Group 11
Coquille	Coos-Coquille District	Coos County	Unnamed culvert	Culvert	Rock Robinson Creek	Coho (ft); Winter steelhead; Pacific lamprey; cutthroat trout	1.0	0.5	0	med-high	0.0	0.0	0.0	4.0	Group 11
Sixes	South Coast	Unknown	Cape Blanco State Park Culvert	Culvert	Unnamed trib to Sixes River	Coho (ft)	1.0	0.7	0.000	High	0.0	1.0	0.0	3.0	Group 11
Umatilla	Umatilla District	Unknown	Unnamed irrigation dam	Dam	Birch Creek	Coho, Summer Steelhead(ft), Redband trout	1.0	66.1	3.318	Medium	1.0	0.0	0.0	1.0	Group 11
Alsea	Mid-Coast District		Unknown	Dam	Kelly Creek	Coho (ft), Winter Steelhead, cutthroat	1.0	3.5	0.00	Low	0.0	0.0	0.0	4.0	Group 12
Siuslaw	Mid-Coast District	Lane County	Unnamed culvert	Culvert	Crazy Creek	Coho (ft), Winter Steelhead, cutthroat, pacific lamprey	1.0	0.6	0.00	Medium	0.0	0.0	0.0	3.0	Group 12
Alsea	Mid-Coast District	Lane County	Unnamed culvert	Culvert	Lord Creek	Coho (ft), Winter Steelhead, cutthroat, pacific lamprey	1.0	0.3	0.00	Medium	0.0	0.0	0.0	3.0	Group 12
Middle Columbia-Hood	Mid-Columbia District		Wolf Run Diversion	Dam	Eightmile Creek	Pacific lamprey, summer Steelhead (ft), Redband trout	1.0	3.5	0.000	High	0.0	0.0	0.0	1.0	Group 12
Wilson-Trask-Nestucca	North Coast		Unknown tidegate	Tide Gate	Reneke Creek	Coho, Winter Steelhead, Coastal Cutthroat Trout, Chum, Pacific Lamprey	0.0	1.0	0.00	High	0.0	0.0	0.0	4.0	Group 12
Lower Columbia-Clatskanie	NWWD-Coast Range Unit		Unnamed culvert	Culvert	Clatskanie River	Coho (ft/sE), Winter Steelhead, CT	1.0	5.5	1.283	Medium	1.0	0.0	0.0	2.0	Group 12

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Lower Columbia-Clatskanie	NWWD-Coast Range Unit		Unnamed culvert	Culvert	Clatskanie River	Coho (ft/sE), Winter Steelhead, CT	1.0	5.5	1.283	Medium	1.0	0.0	0.0	2.0	Group 12
Umatilla	Umatilla District	Unknown	Hascall Dam	Dam	West Birch Creek	Summer Steelhead (ft), Redband trout	1.0	15.7	0.000	Medium	0.0	1.0	0.0	1.0	Group 12
North Umpqua	Umpqua District	U.S. Forest Service	Fairview Creek Culvert	Culvert	Fairview Creek	Coastal cutthroat (historical), Coho (ft historical), Summer and Winter Steelhead (both historical)	1.0	0.6	0.000	Medium	0.0	0.0	0.0	3.0	Group 12
Little Deschutes	Deschutes	Interfor Pacific	Gilchrist Log Pond	Dam	Little Deschutes	Bulltrout (ft historical), Redband trout	0.0	41.8	0.000	Medium	0.0	0.0	1.0	5.0	Group 12
Upper Klamath Lake	Klamath District	Unknown	Unknown	Dam	Blue Springs Creek	Bulltrout (ft historical), Summer Steelhead (historical), Redband trout (historical)	1.0	0.5	0.469	Medium	0.0	2.0	1.0	5.0	Group 12
Powder	La Grande		Unknown	Dam	Wolf Creek	Redband trout, largescale sucker, northern pikeminnow	0.0	1.0	12.877	Medium	1.0	1.0	0.0	4.0	Group 12
Upper Grande Ronde	La Grande		Unnamed culvert	Culvert	Little Beaver	Summer Steelhead (ft), Redband trout	1.0	1.9	0.000	Medium	0.0	0.0	0.0	5.0	Group 12
Molalla-Pudding	NWWD-Cascade Unit	Union Mills Feed Mill	Union Mills Feed Mill Dam	Dam	Milk Creek	Coho, Winter Steelhead (ft), CT	1.0	2.8	0.000	Medium	1.0	0.0	0.0	3.0	Group 12
Lower Columbia-Clatskanie	NWWD-Coast Range Unit		Unnamed culvert	Culvert	Unnamed trib to Clatskanie River	Coho (ft/sE), Winter Steelhead, CT	1.0	2.1	0.000	Medium	0.0	0.0	0.0	3.0	Group 12
Lower Columbia-Clatskanie	NWWD-Coast Range Unit		Unnamed culvert	Culvert	Unnamed trib to Clatskanie River	Coho (ft/sE), Winter Steelhead, CT	1.0	2.1	0.000	Medium	0.0	0.0	0.0	3.0	Group 12
Lower Columbia-Clatskanie	NWWD-Coast Range Unit		Unnamed culvert	Culvert	Unnamed trib to Clatskanie River	Coho (ft/sE), CT	1.0	1.3	0.000	Medium	0.0	0.0	0.0	5.0	Group 12
Chetco	South Coast	ODOT	Unnamed culvert	Culvert	Whalehead Creek	Winter Steelhead	0.0	2.5	0.000	High	0.0	1.0	0.0	4.0	Group 12
Jordan	Southeast District		Antelope Reservoir Diversion	Dam	Jordan Creek	Redband trout	0.0	27.9	0	Medium	0.0	0.0	1.0	5.0	Group 12
Upper Malheur	Southeast District	Otis Valley Irrigation	Cottonwood (Drewsey)	Dam	Cottonwood Creek	Redband trout	0.0	32.8	0	Medium	0.0	0.0	1.0	5.0	Group 12
McKenzie	Upper Willamette District	Lane County	Unnamed culvert	Culvert	Log Creek	Spring Chinook (ft), Summer Steelhead, CT	1.0	2.1	0.000	Medium	0.0	0.0	0.0	3.0	Group 12
McKenzie	Upper Willamette District		Unnamed culvert	Culvert	Log Creek	Spring Chinook (ft), CT, Summer Steelhead	1.0	1.9	0.000	Medium	0.0	0.0	0.0	3.0	Group 12
Lower Deschutes	Mid-Columbia District	Unknown	Stag Canyon culvert	Culvert		Summer Steelhead (ft), Redband trout	1.0	3.8	0.000	Medium	0.0	0.0	0.0	3.0	Group 12

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Coast Fork Willamette	Upper Willamette District	ODOT	Unnamed culvert	Culvert	Hill Creek	Spring Chinook (ft historical), CT, RB historical, STS, PL	0.0	9.2	0.000	Medium	0.0	0.0	0.0	3.0	Group 12
Coquille	Coos-Coquille District	ODOT	Unnamed culvert	Culvert	Fahys Creek	Coho (ft); Winter steelhead; Pacific lamprey; cutthroat trout	1.0	0.4	0	med-high	0.0	0.0	0.0	1.0	Group 12
Alsea	Mid-Coast District		Unnamed culvert	Culvert	Risley Creek	Coho (ft), Winter Steelhead, cutthroat, pacific lamprey	1.0	0.4	0.00	Low	0.0	0.0	0.0	3.0	Group 12
Silver	Southeast District	Unknown	Silver Creek Dam	Dam	Silver Creek	Redband trout	0.0	62.8	5.695025394	Medium	1.0	0.0	1.0	4.0	Group 12
Burnt	La Grande		Unknown	Dam	Middle Fork Burnt River	Redband trout, largescale sucker, northern pikeminnow	0.0	5.7	0.000	Medium	0.0	0.0	0.0	4.0	Group 12
Applegate	Upper Rogue		Upper Phillips Dam	Dam	Little Applegate River	Pacific lamprey, Summer and Winter Steelhead, cutthroat	0.0	18.4	0.00	High	0.0	0.0	0.0	1.0	Group 12
Upper Deschutes	Deschutes	Central Oregon Irrigation District	Steidl Dam (Tumalo Irrigation District Div. Dam)	Dam	Deschutes River	Bulltrout (ft historical), Redband trout	0.0	0.4	285.992	Medium	6.0	4.0	1.0	3.0	Group 12
Middle Columbia-Hood	Mid-Columbia District		Unknown	Dam	Ramsey Creek	Pacific lamprey, summer Steelhead (ft), Redband trout	1.0	10.7	1.204	Medium	1.0	0.0	0.0	1.0	Group 12
Sprague	Klamath District	Unknown	Unnamed	Culvert	Leonard Creek	Bulltrout (ft), Summer Steelhead (historical), Redband trout	1.0	1.1	0.000	Medium	0.0	0.0	0.0	4.0	Group 12
South Santiam	Mid Willamette District		Piper Reservoir	Dam	Billy Creek	Coastal cutthroat, -Winter Steelhead (ft historical), Pacific Lamprey, Largescale Sucker, Northern Pikeminnow, Coastal Cutthroat	0.0	0.4	2.386	Medium	1.0	0.0	0.0	5.0	Group 12
Alsea	Mid-Coast District	Lincoln County	Unnamed culvert	Culvert	Cougar Creek	Coho (ft), Winter Steelhead, cutthroat	1.0	2.6	0.00	Medium	0.0	0.0	0.0	4.0	Group 12
Wilson-Trask-Nestucca	North Coast	ODOT	Unnamed culvert	Culvert	Butte Creek	Coho, Winter Steelhead, Coastal Cutthroat Trout, Chum, Pacific Lamprey	0.0	2.3	0.00	High	0.0	0.0	0.0	1.0	Group 12
Wilson-Trask-Nestucca	North Coast	ODOT	Unnamed culvert	Culvert	Fall Creek	Coho (ft) Winter Steelhead, coastal Cutthroat Trout	1.0	1.7	0.00	High	0.0	0.0	0.0	1.0	Group 12
Imnaha	Wallowa District		Unnamed culvert	Culvert	Corral Creek	Summer Steelhead (ft), Redband trout	1.0	2.6	0.000	Medium	0.0	1.0	0.0	1.0	Group 12
Imnaha	Wallowa District	Wallowa County	Unnamed culvert	Culvert	Fence Creek	Summer Steelhead (ft), Redband trout	1.0	1.9	0.000	Medium	0.0	1.0	0.0	1.0	Group 12
Walla Walla	Umatilla District	Unknown	Powerline Road culvert	Culvert	Birch Creek	Summer Steelhead (ft), Redband trout	1.0	4.3	0.000	Low	0.0	1.0	0.0	1.0	Group 12
Upper Grande Ronde	La Grande	Union County	Unnamed culvert	Culvert	South Fork Cabin Creek	Summer Steelhead (ft), Redband trout, Pacific lamprey	1.0	9.0	0.000	Medium	0.0	0.0	0.0	1.0	Group 12

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Siletz-Yaquina	Mid-Coast District	USFS	Unnamed culvert	Culvert	Branch Creek	Coho (ft), Winter Steelhead, cutthroat	1.0	0.5	0.00	Medium	0.0	0.0	0.0	4.0	Group 12
Siletz-Yaquina	Mid-Coast District	Lincoln County	Unnamed culvert	Culvert	Little Creek	Coho (ft), Pacific lamprey, cutthroat	1.0	0.5	0.00	Medium	0.0	0.0	0.0	4.0	Group 12
Illinois	Upper Rogue		Unknown	Dam	Tycer Creek	Coho (ft), winter steelhead, cutthroat	1.0	1.0	0.00	Medium	0.0	0.0	0.0	4.0	Group 12
Middle Fork Willamette	Upper Willamette District		Unnamed culvert	Culvert	School Creek	Spring Chinook (ft), Rainbow trout, CT	1.0	0.7	0.000	Medium	0.0	0.0	0.0	4.0	Group 12
Lost	Klamath District	U.S. Bureau of Reclamation/Langell Valley Irrigation Dist	Miller Diversion Dam	Dam	Miller Creek	Redband trout	0.0	7.3	19.105	Medium	1.0	1.0	0.0	4.0	Group 13
Siletz-Yaquina	Mid-Coast District	Lincoln County	Unnamed culvert	Culvert	Little Creek	Coho (ft), Pacific lamprey, cutthroat	1.0	0.5	0.00	Medium	0.0	0.0	0.0	3.0	Group 13
Tualatin	NWWD-Coast Range Unit	ODOT	Unnamed culvert	Culvert	Mendenhall Creek	Winter Steelhead (ft), CT	1.0	3.8	0.000	High	0.0	0.0	0.0	1.0	Group 13
South Umpqua	Umpqua District		unnamed	Culvert	Doe Creek	Coho (ft), Winter Steelhead, cutthroat	1.0	0.5	0.000	Medium	0.0	0.0	0.0	3.0	Group 13
South Umpqua	Umpqua District	ODOT	Unnamed	Culvert	Bogus Creek	Coastal cutthroat (historical), Coho (ft historical), Winter steelhead (historical)	1.0	0.4	0.000	Medium	0.0	0.0	0.0	3.0	Group 13
McKenzie	Upper Willamette District	Lane County	Unnamed culvert	Culvert	Forest Creek	Spring Chinook (ft historical), CT, RB historical, STS, PL	0.0	0.5	0.000	High	0.0	0.0	0.0	4.0	Group 13
Middle Fork Willamette	Upper Willamette District	Lane County	Unnamed bridge	Bridge	Haagen Creek	CT, Rainbow trout, Spring Chinook (ft)	1.0	0.9	0.000	Medium	0.0	0.0	0.0	3.0	Group 13
Coos	Coos-Coquille District	Unknown	Unknown	Dam	Unnamed trib to North Slough	Coho (ft historical); Pacific lamprey	1.0	0.5	0	med-high	0.0	0.0	0.0	5.0	Group 13
Lower Columbia-Clatskanie	NWWD-Coast Range Unit	ODOT	Unnamed culvert	Culvert	Graham Creek	Coho (ft/SE), Winter Steelhead, CT	1.0	2.8	0.000	Medium	0.0	0.0	0.0	1.0	Group 13
Lower Columbia-Clatskanie	NWWD-Coast Range Unit	Columbia County	Unnamed culvert	Culvert	Olsen Creek	Coho(ft/SE), Winter Steelhead, CT	1.0	1.8	0.000	Medium	0.0	0.0	0.0	1.0	Group 13
Tualatin	NWWD-Coast Range Unit		Unnamed culvert	Culvert	Rock Creek	Coho, Winter Steelhead (ft), CT	1.0	1.5	0.000	Medium	0.0	0.0	0.0	1.0	Group 13
Umatilla	Umatilla District	Unknown	Unnamed dam	Dam	California Gulch	Summer Steelhead (ft), Redband trout	1.0	2.7	0.000	Medium	0.0	0.0	0.0	3.0	Group 13
Lower Grande Ronde	Wallowa District		Unnamed culvert	Culvert	Buford Creek	Summer Steelhead (ft), Redband trout	1.0	1.2	0.000	Medium	0.0	0.0	0.0	3.0	Group 13
Coast Fork Willamette	Upper Willamette District	Estate of Lloyd J. Eppenbaugh	Eppenbaugh Reservoir #1	Dam	Hill Creek	CT, PL, CSS	0.0	5.1	0.000	Medium	0.0	0.0	0.0	3.0	Group 13

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Coquille	Coos-Coquille District	Unknown	Unnamed culvert	Culvert	Blair Creek	Coho (ft), Winter Steelhead; Pacific lamprey; cutthroat trout	1.0	0.6	0	med-high	0.0	0.0	1.0	4.0	Group 13
Powder	La Grande		Unknown	Dam	Wolf Creek	Redband trout, largescale sucker, northern pikeminnow	0.0	3.0	25.755	Medium	1.0	1.0	0.0	1.0	Group 13
Upper Willamette	Mid Willamette District		Waverly Lake Dam	Dam	Cox Creek	Spring Chinook (ft historical), Winter Steelhead (ft historical), Pacific Lamprey, Coastal Cutthroat, Largescale Sucker, Northern Pikeminnow	0.0	1.7	0.000	Low	0.0	0.0	0.0	5.0	Group 13
Powder	La Grande		Unknown	Dam	North Powder River	Redband trout, largescale sucker, northern pikeminnow	0.0	11.4	0.000	Medium	0.0	0.0	0.0	2.0	Group 13
North Umpqua	Umpqua District	ODOT	Unnamed	Culvert	Canyon Creek	Winter Steelhead (historical), Cutthroat(historical)	0.0	4.0	4.537	Medium	1.0	0.0	0.0	4.0	Group 13
South Umpqua	Umpqua District		Unnamed	Culvert	Newton Creek	Coho (ft historical), Winter Steelhead (historical), Coastal cutthroat	1.0	4.5	0.000	Medium	0.0	0.0	1.0	2.0	Group 13
Wallowa	Wallowa District	Wallowa County	Unnamed culvert	Culvert	Whisky Creek	Summer Steelhead (ft), Redband trout	1.0	10.8	0.000	Medium	0.0	0.0	0.0	1.0	Group 13
Lake Abert	Klamath District	Unknown	Crooked Creek Headcuts	Other	Crooked Creek	Redband trout	0.0	3.1	30.712	Medium	2.0	1.0	1.0	5.0	Group 13
Upper Klamath Lake	Klamath District	Unknown	Unknown	Dam	Agency Creek	Bulltrout (ft historical), Redband trout	1.0	0.1	0.000	Medium	0.0	0.0	0.0	5.0	Group 13
Burnt	La Grande		Unknown	Dam	Trout Creek	Redband trout	0.0	6.4	0.000	Medium	0.0	0.0	0.0	5.0	Group 13
Alea	Mid-Coast District	Gygi & Engel	Gygi & Engel Reservoir	Dam	Banton Creek	Coastal cutthroat (historical), Coho (ft)	1.0	0.6	0.00	Medium	0.0	0.0	0.0	5.0	Group 13
Lower Columbia-Sandy	NWWD-Cascade Unit	Unknown	Unnamed barrier	Other	Minikahda Creek	Coho (ft/sE), Pacific lamprey, CT	1.0	0.0	0.000	Medium	1.0	0.0	0.0	3.0	Group 13
Sixes	South Coast	ODOT	Unnamed culvert	Culvert	Jim Creek	Coho (ft), Winter Steelhead	1.0	0.2	0.000	Medium	0.0	0.0	0.0	5.0	Group 13
Silver	Southeast District		Unknown	Dam	Dairy Creek	Redband trout	0.0	5.7	0	Medium	0.0	0.0	0.0	5.0	Group 13
Umatilla	Umatilla District	Umatilla County	Unnamed culvert	Culvert	Bridge Creek	Summer Steelhead (ft), Redband trout	1.0	2.7	0.000	Medium	0.0	0.0	1.0	5.0	Group 13
North Umpqua	Umpqua District		unnamed	Culvert	Bilger Creek	Coho (ft), Winter Steelhead, Coastal cutthroat	1.0	1.7	0.000	Medium	0.0	0.0	1.0	3.0	Group 13
Imnaha	Wallowa District		Camp Creek Ditch Push-up dam	Dam	Camp Creek	Redband trout, Summer Steelhead (ft)	1.0	8.1	0.000	Medium	0.0	0.0	1.0	3.0	Group 13
Siltcoos	Mid-Coast District	USFS	Unnamed culvert	Culvert	Carter Creek	Coho (ft), cutthroat	1.0	0.3	0.00	Medium	0.0	0.0	0.0	4.0	Group 13
Lower Columbia-Clatskanie	NWWD-Coast Range Unit	Columbia County	Unnamed culvert	Culvert	Keystone Creek	Coho (ft/sE), CT	1.0	0.9	0.000	Medium	0.0	0.0	0.0	4.0	Group 13



## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Umatilla	Umatilla District	Umatilla County	Unnamed culvert	Culvert	Stanley Creek	Summer Steelhead (ft), Redband trout	1.0	5.6	0.000	Medium	0.0	0.0	0.0	1.0	Group 13
Imnaha	Wallowa District		Unnamed culvert	Culvert	Carrol Creek	Summer Steelhead (ft), Redband trout	1.0	4.2	0.000	Medium	0.0	0.0	0.0	1.0	Group 13
Lower Grande Ronde	Wallowa District		Unnamed culvert	Culvert	Mud Creek	Summer Steelhead (ft), Redband trout	1.0	3.8	0.000	Medium	0.0	0.0	0.0	1.0	Group 13
Silvies	Southeast District		Old Mill Dam	Dam	Silvies River	Redband trout	0.0	10.6	12.430533	Low	1.0	1.0	0.0	4.0	Group 14
Lower Columbia-Sandy	NWWD-Cascade Unit		Unnamed culvert	Culvert	Unnamed trib to Still Creek	Winter Steelhead (ft), CT	1.0	0.0	0.000	Medium	1.0	0.0	0.0	3.0	Group 14
Middle Fork Willamette	Upper Willamette District		Unnamed culvert	Culvert	Sunshine Creek	Spring Chinook (ft), CT	1.0	0.3	0.000	Medium	0.0	0.0	0.0	3.0	Group 14
Coquille	Coos-Coquille District	Unknown	Unnamed culvert	Culvert	King Creek	Coho (ft); Winter steelhead; Pacific lamprey; cutthroat trout	1.0	0.0	0	med-high	0.0	0.0	1.0	1.0	Group 14
Sixes	South Coast		Unnamed culvert	Culvert	Coy Creek	Winter Steelhead	0.0	0.2	0.000	High	0.0	1.0	0.0	5.0	Group 14
Sixes	South Coast		Unnamed culvert	Culvert	Sixes Wetland	Coho (ft)	1.0	0.0	0.000	High	0.0	1.0	0.0	5.0	Group 14
Sixes	South Coast	ODOT	Unnamed culvert	Culvert	Boulder Creek	Coho (ft), Winter Steelhead	1.0	0.3	0.000	Low	0.0	0.0	0.0	5.0	Group 14
Umatilla	Umatilla District	ODOT	Interstate 84 Culvert	Culvert	Twomile Creek	Summer Steelhead (ft), Redband trout	1.0	1.4	0.000	Medium	0.0	0.0	0.0	1.0	Group 14
Middle Fork Willamette	Upper Willamette District		Unnamed culvert	Culvert	Windfall Creek	Spring Chinook (ft), CT	1.0	1.2	0.000	Medium	0.0	0.0	0.0	1.0	Group 14
Imnaha	Wallowa District	Unknown	Unknown	Dam	Lightning Creek	Summer Steelhead (ft), Redband trout	1.0	0.5	0.000	Low	0.0	0.0	0.0	5.0	Group 14
Upper Klamath Lake	Klamath District	Unknown	Unknown	Dam	Fourmile Creek	Redband trout, Fall and Spring Chinook (historical), Summer Steelhead (historical), pit klamath brook lamprey, bull trout (ft historical)	0.0	9.7	8.448	Medium	3.0	1.0	1.0	3.0	Group 14
Powder	La Grande		Unknown	Dam	North Powder River	Redband trout, largescale sucker, northern pikeminnow	0.0	28.6	0.000	Medium	0.0	0.0	0.0	1.0	Group 14
Siletz-Yaquina	Mid-Coast District	Boise Cascade	Beaver Creek Culvert	Culvert	Beaver Creek	Summer Steelhead, pacific lamprey	0.0	1.0	0.00	Medium	0.0	1.0	0.0	4.0	Group 14
Siletz-Yaquina	Mid-Coast District		Unnamed culvert	Culvert	Drift Creek	Summer Steelhead, pacific lamprey	0.0	0.1	0.00	Medium	0.0	1.0	0.0	4.0	Group 14
Imnaha	Wallowa District		Unnamed culvert	Culvert	Skookum Creek	Summer Steelhead (ft), Redband trout	1.0	0.4	0.162	Low	1.0	0.0	0.0	3.0	Group 14
Upper Malheur	Southeast District	Lloyd Hill	Alder Creek	Dam	Alder Creek	Redband trout	0.0	9.6	0	Medium	0.0	0.0	0.0	4.0	Group 14

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Umatilla	Umatilla District	Unknown	Unnamed culvert	Culvert	Unnamed trib to South Fork Umatilla River	Summer Steelhead (ft), Redband trout	1.0	0.6	0.000	Medium	0.0	0.0	0.0	1.0	Group 14
Sixes	South Coast		Unnamed culvert	Culvert	Nell Creek	Winter Steelhead	0.0	0.4	0.000	High	0.0	1.0	0.0	4.0	Group 14
Chetco	South Coast		Unknown	Dam	Bagley Creek	Winter Steelhead	0.0	0.8	0.240	High	0.0	1.0	0.0	4.0	Group 14
Umpqua	Umpqua District	ODOT	Unnamed	Culvert	Van Dine Creek	Coho (ft), Winter Steelhead, Cutthroat(historical)	1.0	0.9	1.132	Medium	1.0	0.0	1.0	3.0	Group 14
Imnaha	Wallowa District	U.S. Forest Service	Unnamed culvert	Culvert	North Fork Dry Creek	Summer Steelhead (ft), Redband trout	1.0	0.9	0.000	Low	0.0	0.0	0.0	1.0	Group 14
Lower Grande Ronde	Wallowa District		Unnamed culvert	Culvert	Trail Creek	Summer Steelhead (ft), Redband trout	1.0	0.3	0.000	Low	0.0	0.0	0.0	1.0	Group 14
Middle Columbia-Hood	Mid-Columbia District		Unnamed culvert	Culvert	Meadows Creek	Coastal cutthroat, Redband trout, Winter Steelhead (ft)	1.0	0.9	0.000	Medium	0.0	0.0	1.0	5.0	Group 14
Lower Rogue	South Coast	Unknown	Unnamed culvert	Culvert	Tom Fry Creek	Fall Chinook, Winter Steelhead	0.0	1.8	0.000	Medium	0.0	0.0	0.0	4.0	Group 14
Jordan	Southeast District	Jordan Valley Irrigation District	Arock Diversion Dam	Dam	Jordan Creek	Redband trout	0.0	34.9	27.87670231	Low	1.0	1.0	1.0	4.0	Group 14
Upper Crooked	Deschutes	Unknown	Twin Buttes Dam	Dam	Crooked River	Spring Chinook (historical), Redband trout, Summer Steelhead (historical)	0.0	103.7	7.846	Medium	1.0	1.0	2.0	4.0	Group 14
Upper Klamath Lake	Klamath District	Unknown	unnamed	culvert	Threemile Creek	Bulltrout (ft historical)	1.0	1.0	1.633	Medium	1.0	0.0	0.0	1.0	Group 14
Upper Klamath Lake	Klamath District	Unknown	unnamed	culvert	Threemile Creek	Bulltrout (ft historical)	1.0	1.0	1.633	Medium	1.0	0.0	0.0	1.0	Group 14
Powder	La Grande	Ralph Jacobs	Balm Creek Reservoir	Dam	Balm Creek & Union Spring	Redband trout	0.0	1.4	0.000	Medium	0.0	0.0	0.0	5.0	Group 14
Powder	La Grande	Bob Harrell, Jr.	Salmon Creek Reservoir	Dam	Salmon Creek	Redband trout	0.0	2.4	0.970	Medium	0.0	0.0	0.0	5.0	Group 14
Tualatin	NWWD-Coast Range Unit	Washington County	Unnamed culvert	Culvert	Campbell Creek	Coho (historical), Coastal cutthroat, Winter Steelhead (historical)	0.0	1.8	0.000	Medium	0.0	0.0	0.0	5.0	Group 14
Chetco	South Coast	ODOT	Unnamed culvert	Culvert	Shy Creek	Winter Steelhead	0.0	1.8	0.000	Medium	0.0	0.0	0.0	5.0	Group 14
McKenzie	Upper Willamette District	ODFW	Cogswell Creek Concrete Intake Dam	Dam	Cogswell Creek	Coastal cutthroat, RB	0.0	1.6	0.887	Medium	1.0	0.0	0.0	3.0	Group 14

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Upper Malheur	Southeast District		Unknown	Dam	Bluebucket Creek	Redband trout	0.0	10.7	0	Low	0.0	0.0	0.0	4.0	Group 15
Imnaha	Wallowa District		Unnamed culvert	Culvert	Grouse Creek	Summer Steelhead (fT), Redband trout	1.0	0.9	0.000	Medium	0.0	0.0	1.0	3.0	Group 15
Sprague	Klamath District	Unknown	Unnamed	culvert	South Fork Trout Creek	Redband trout	0.0	2.3	0.000	Medium	0.0	0.0	0.0	4.0	Group 15
Sprague	Klamath District	Unknown	unnamed	culvert	Paradise Creek	Summer Steelhead (historical), Redband trout. Pit klamath brook lamprey	0.0	0.2	0.000	Medium	0.0	0.0	0.0	5.0	Group 15
Upper Willamette	Mid Willamette District		Forcia & Larsen Log Pond (Concrete Dam)	Dam	Elk Creek	Coastal cutthroat, Pacific Lamprey, Northern Pikeminnow	0.0		0.000	High	0.0	<b>0.0</b>	<b>0.0</b>	5.0	Group 15
Lower Rogue	South Coast		Unnamed culvert	Culvert	Snout Creek	Coho (fT)	1.0	#DIV/0!	0.342	Low	0.0	0.0	0.0	5.0	Group 15
Upper Malheur	Southeast District	Joel C. Sword	Griffin Creek Dam	Dam	Griffin Creek	Redband trout	0.0	9.8	0	Low	0.0	0.0	0.0	5.0	Group 15
Silvies	Southeast District	Oregon Department of Fish & Wildlife	Yellow Jacket Dam	Dam	Yellowjacket Creek	Redband trout	0.0	3.8	0	Low	0.0	0.0	0.0	5.0	Group 15
Wallowa	Wallowa District		Unnamed culvert	Culvert	Redmont Creek	Bulltrout (fT)	1.0	0.0	0.000	Low	0.0	0.0	0.0	3.0	Group 15
Imnaha	Wallowa District		Unknown	Dam	Hurricane Creek	Bulltrout (fT historical), Spring Chinook (fT/sT historical), Summer Steelhead (fT), Redband trout, Coho (historical)	1.0	0.8	1.358	Low	1.0	0.0	1.0	4.0	Group 15
Chetco	South Coast		Unnamed culvert	Culvert	Second Creek	Fall Chinook, Winter Steelhead	0.0	0.5	0.000	Medium	0.0	0.0	0.0	4.0	Group 15
South Umpqua	Umpqua District		unnamed	culvert	Corn Creek	Winter Steelhead, Coastal cutthroat	0.0	0.1	0.000	Medium	0.0	0.0	0.0	4.0	Group 15
Lower Grande Ronde	Wallowa District		Unnamed culvert	Culvert	Canal Creek	Summer Steelhead (fT), Redband trout	1.0	0.3	0.000	Low	1.0	0.0	1.0	3.0	Group 15
South Umpqua	Umpqua District		unnamed	culvert	Crawford Branch	Winter Steelhead, Coastal cutthroat	0.0	1.2	0.000	Low	0.0	0.0	0.0	3.0	Group 15
McKenzie	Upper Willamette District	Lane County	unnamed	culvert	Cedar Creek	Spring Chinook (fT historical), CT	0.0	0.4	0.000	High	0.0	0.0	0.0	4.0	Group 15
Lower Grande Ronde	Wallowa District		Unnamed culvert	Culvert	McCubbin Creek	Summer Steelhead (fT), Redband trout	1.0	0.6	0.000	Low	0.0	0.0	1.0	1.0	Group 15
Sprague	Klamath District	Unknown	unnamed	culvert	Crazy Creek	Summer Steelhead (historical), Redband trout. Pit klamath brook lamprey	0.0	1.1	0.000	Medium	0.0	0.0	0.0	1.0	Group 15
Chetco	South Coast		Unnamed culvert	Culvert	Willow Creek	Fall Chinook, Winter Steelhead	0.0	0.4	0.000	Low	0.0	0.0	0.0	4.0	Group 15

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Sprague	Klamath District	Unknown	unnamed	culvert	Brown Creek	Redband trout, Fall and Spring Chinook (historical), Summer Steelhead (historical)	0.0	1.1	1.129	Low	1.0	0.0	0.0	5.0	Group 15
Powder	La Grande	Powder Valley Water Control District	Pilcher Creek Reservoir	Dam	Pilcher Creek	Redband trout	0.0	1.2	0.000	Low	0.0	0.0	0.0	5.0	Group 15
Middle Rogue	Upper Rogue		Forest Service Stone Nursery Diversion	Dam	Jackson Creek	Summer Steelhead (historical)	0.0	1.6	6.13	Low	3.0	1.0	1.0	5.0	Group 15
Sixes	South Coast		Unnamed culvert	Culvert	Coy Creek	Winter Steelhead	0.0	0.7	0.000	High	1.0	0.0	0.0	3.0	Group 15
Chetco	South Coast	ODOT	Unnamed culvert	Culvert	Harris Creek	Winter Steelhead	0.0	0.9	0.000	Medium	0.0	0.0	0.0	5.0	Group 15
Chetco	South Coast		Unnamed culvert	Culvert	Big Redwood	Winter Steelhead	0.0	0.7	0.000	Medium	0.0	0.0	0.0	5.0	Group 15
Sixes	South Coast		Unnamed culvert	Culvert	Sucker Creek	Winter Steelhead	0.0	0.2	0.000	Medium	0.0	0.0	0.0	5.0	Group 15
Sixes	South Coast	ODOT	Unnamed culvert	Culvert	Madden Creek	Winter Steelhead	0.0	0.2	0.000	Medium	0.0	0.0	0.0	5.0	Group 15
Sixes	South Coast		Unknown	Dam	Unnamed trib to Mussel Creek	Winter Steelhead	0.0	0.6	0.000	Medium	0.0	0.0	0.0	4.0	Group 16
Middle Rogue	Upper Rogue	Talent Irrigation District	Talent Irrigation Dist West Lateral	Dam	Anderson Creek	Summer Steelhead (historical), cutthroat	0.0	1.4	3.09	Low	3.0	0.0	1.0	5.0	Group 16
Middle Rogue	Upper Rogue	Unknown	Unnamed dam	Dam	Griffin Creek	Summer Steelhead	0.0	1.3	0.00	Low	0.0	0.0	0.0	3.0	Group 16
Chetco	South Coast	Curry County	Unnamed culvert	Culvert	Joe Hall Creek	Fall Chinook, Winter Steelhead	0.0	0.7	0.000	High	0.0	0.0	1.0	3.0	Group 16
Clackamas	NWWD-Cascade Unit	Clackamas County	Unnamed culvert	Culvert	Thimble Creek	Coho, Winter Steelhead (both historical), CT	0.0	0.6	0.000	Medium	1.0	0.0	0.0	3.0	Group 16
Sprague	Klamath District	Unknown	unknown	dam	Mill Creek	Summer Steelhead (historical), redband trout	0.0	0.3	0.000	Low	0.0	0.0	0.0	5.0	Group 16
Silver	Southeast District	Sagehen Land Company/Ketscher Cattle Co	Moon Reservoir	Dam	Silver Creek	Redband trout (historical)	0.0	6.7	0	Low	0.0	0.0	1.0	5.0	Group 16
Middle Rogue	Upper Rogue	Jackson County	Unnamed culvert	Culvert	Jackson Creek	Summer Steelhead (historical)	0.0	0.7	6.79	Low	4.0	1.0	1.0	5.0	Group 16
Wallowa	Wallowa District		Unnamed culvert	Culvert	Billy Creek	Redband trout	0.0	0.5	0.000	Low	0.0	0.0	0.0	5.0	Group 16
Sixes	South Coast		Unnamed culvert	Culvert	No name 3	Winter Steelhead	0.0	0.9	0.000	Low	0.0	0.0	0.0	4.0	Group 16



Attachment C

ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Upper Deschutes	Deschutes	Federal	Wickiup Reservoir Dam	Dam	Deschutes River	Redband trout, Bull Trout	1.0								other
Sprague	Klamath District	Unknown	unnamed	culvert	East Fork Cottonwood	Summer Steelhead, Redband trout	0.0		0.000	Low				4.0	other
Sprague	Klamath District	Unknown	Unknown	Dam	Spring trib to Sycan River	redband trout, Lost river sucker (fE), largescale sucker	1.0		0.000	Low		0.0	0.0	5.0	other
Sprague	Klamath District	Unknown	unknown	Dam	Spring Creek	Redband trout, Fall and Spring Chinook (historical), Summer Steelhead (historical)	0.0		0.000	Low				5.0	other
Upper Klamath	Klamath District	Unknown	unknown	Dam	Mill Creek	redband trout, summer steelhead (historical)	0.0		0.000	Low				5.0	other
Goose Lake	Klamath District		Garret Weir	Dam	Thomas Creek	Redband Trout									other
Dry Lakes	Klamath District		Pitcher Ranch Dams	Dam	Buck Creek	Redband Trout									other
Upper Willamette	Mid Willamette District	Portland Rail	Portland Rail Road Culvert	Culvert	Burkhart Creek	Spring Chinook (fT historical), Winter Steelhead (fT historical), Pacific Lamprey, Coastal Cutthroat, Largescale Sucker, Northern Pikeminnow	0.0		0.000	Low				5.0	other
South Santiam	Mid Willamette District		Unnamed culvert	Culvert	Billy Creek	Coastal cutthroat, -Winter Steelhead (fT historical), Pacific Lamprey, Largescale Sucker, Northern Pikeminnow, Coastal Cutthroat	0.0		0.000	Medium		0.0	0.0		other
South Santiam	Mid Willamette District		Unnamed culvert	Culvert	Billy Creek	Coastal cutthroat, Winter Steelhead (fT historical), Pacific Lamprey, Largescale Sucker, Northern Pikeminnow,	0.0			Medium		0.0	0.0		other
South Santiam	Mid Willamette District		Unknown	Dam	Billy Creek	Winter Steelhead (fT historical), Pacific Lamprey, Largescale Sucker, Northern Pikeminnow, Coastal Cutthroat	0.0		0.000	Medium		0.0	0.0		other
South Santiam	Mid Willamette District		Unnamed ford	Ford	Billy Creek	Coastal cutthroat, Winter Steelhead (fT historical), Pacific Lamprey, Largescale Sucker, Northern Pikeminnow, Coastal Cutthroat	0.0			Medium		0.0	0.0		other
Middle Willamette	NWWD-Cascade Unit		Unnamed culvert	Culvert	Cub Creek	Winter Steelhead (fT), CT	1.0		0.000	Medium	1.0	0.0	0.0	3.0	other
Clackamas	NWWD-Cascade Unit		Unnamed culvert	Culvert	Unnamed trib to Cub Creek	Winter Steelhead (fT), CT	1.0		0.000	Medium	1.0	0.0	0.0	3.0	other
Sixes	South Coast	Unknown	Mill Creek culvert	Culvert	Mill Creek				0.000	High				4.0	other

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Chetco	South Coast	Curry County	Unnamed culvert	Culvert	Unnamed trib to Sixes River		0.0		0.000	High				4.0	other
Chetco	South Coast		Unnamed culvert	Culvert	North Fork Tuttle Creek		0.0		0.000	High				5.0	other
Lower Rogue	South Coast		Unnamed culvert	Culvert	Unnamed trib to Sullivan Gulch				0.000	High				4.0	other
Chetco	South Coast	ODOT	Unnamed culvert	Culvert	Lone Ranch Creek				0.000	Low				5.0	other
Illinois	South Coast		Unnamed culvert	Culvert	Unnamed trib to Sullivan Gulch				0.000	Low				4.0	other
Sixes	South Coast		Unnamed culvert	Culvert	First Creek				0.000	Low				4.0	other
Sixes	South Coast		Unnamed culvert	Culvert	Rilea Creek				0.000	Low				5.0	other
Sixes	South Coast		Unnamed culvert	Culvert	Rilea Creek				0.000	Low				4.0	other
Sixes	South Coast		Unnamed culvert	Culvert	Old House Creek				0.000	Low				4.0	other
Lower Rogue	South Coast		Unnamed culvert	Culvert	Unnamed trib to Brush Creek				0.000	Medium				5.0	other
Jordan	Southeast District	Willard L. Smith	Blevin Dam	Dam	Dry Creek				0.000	Low					other
Crooked-Rattlesnake	Southeast District		Callumbaugh Reservoir	Dam	Unnamed trib to Dry Creek				0.000	Low					other
Crooked-Rattlesnake	Southeast District	ODFW	Chickahominy Reservoir	Dam	Chickahominy Creek				0.000	Low					other
Crooked-Rattlesnake	Southeast District	Cow Creek Water Co.	Cow Lake (Lower)	Dam	Cow Creek				0.000	Low				5.0	other
Crooked-Rattlesnake	Southeast District		Coyote Holes Reservoir	Dam	Unnamed trib to Dry Creek				0.000	Low					other
Jordan	Southeast District	U.S. Bureau of Land Management	Crows Nest Reservoir	Dam	Unnamed trib to Dry Creek				0.000	Low					other
Donner und Blitzen	Southeast District	U.S. Bureau of Land Management	Dry Hole Reservoir	Dam	Unnamed trib to Dry Creek				0.000	Low					other

## Attachment C

## ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Lower Malheur	Southeast District	Ralph Eason	Fred Scott Reservoir	Dam	Indian Ford Creek				0.000	Low					other
Lower Malheur	Southeast District	U.S. Bureau of Land Management	Goodyear Reservoir	Dam	Unnamed trib to Cow Creek				0.000	Low					other
Upper Malheur	Southeast District	Hammond Ranches	Kern Reservoir Dam	Dam	Dry Krumbo Creek				0.000	Low				5.0	other
Lower Malheur	Southeast District	U.S. Bureau of Land Management	Knuckle Bone No.1	Dam	Unnamed trib to Cottonwood Creek				0.000	Low					other
Crooked-Rattlesnake	Southeast District	U.S. Bureau of Land Management	Middle Fence Reservoir	Dam	Unnamed trib to Keeney Creek				0.000	Low					other
Lower Malheur	Southeast District	Hoyt and Sons	Miller Reservoir (Harney)	Dam	Gould Creek				0.000	Low				5.0	other
Alvord Lake	Southeast District	U.S. Bureau of Land Management	Petrified Reservoir	Dam	Unnamed trib to Cottonwood Creek				0.000	Low					other
Alvord Lake	Southeast District	Willard L. Smith	Rock House Reservoir (Malheur)	Dam	Dry Creek				0.000	Low					other
Donner und Blitzen	Southeast District	U.S. Bureau of Land Management	Spearhead	Dam	Unnamed trib to Cherry Creek				0.000	Low					other
Lower Malheur	Southeast District	U.S. Bureau of Land Management	Wildhorse Basin Reservoir	Dam	Unnamed trib to Malheur River				0.000	Low					other
Crooked-Rattlesnake	Southeast District	Harney County	Unnamed culvert	Culvert	Cottonwood Creek -- east face steens		0.0		0.000	Medium		1.0	0.0	3.0	other
Crooked-Rattlesnake	Southeast District	Harney County	Unnamed culvert	Culvert	Indian Creek -- east face steens		0.0		0.000	Medium		1.0	0.0	1.0	other
Silver	Southeast District	Harney County	Unnamed culvert - Diamond Ln	Culvert	Kiger Creek				0.000					4.0	other
South Umpqua	Umpqua District		Ben Irving Reservoir	Dam	Berry Creek	Coho (ft), Winter Steelhead, Coastal cutthroat	1.0			Medium		0.0	0.0		other



Attachment C

ODFW 2013 Statewide Fish Passage Priority List

Sub-Basin	ODFW Fish District	Owner	Barrier Name	Type	Stream Name	Species In need of passage at barrier and biological status	# T&E (ESA)	Avg. Habitat Quantity	Avg. Potential hab. (historical)	Habitat Quality	# Comp. barriers up stream	Auto Up	Auto Down	Psg. Level	Group Rank
Umpqua	Umpqua District		Unnamed	Dam	Porter Creek	Coho (fT), Winter Steelhead, Coastal cutthroat	1.0			Medium		0.0	0.0		other
Middle Fork Willamette	Upper Willamette District		Unnamed culvert	Culvert	Coffeepot Creek	CT	0.0		0.000	low				3.0	other
Middle Fork Willamette	Upper Willamette District		Unnamed culvert	Culvert	Coffeepot Creek	CT	0.0		0.000	low				3.0	other
Middle Fork Willamette	Upper Willamette District		Unnamed culvert	Culvert	Estep Creek	CT	0.0		0.000	low				3.0	other
Middle Fork Willamette	Upper Willamette District		Unnamed culvert	Culvert	Maple Creek	CT, ChS(fT) and BuT(fT)	2.0		0.000	Medium		0.0	0.0	3.0	other
Middle Fork Willamette	Upper Willamette District		Unnamed culvert	Culvert	Maple Creek	CT, ChS(fT) and BuT(fT)	2.0		0.000	Medium		0.0	0.0	3.0	other
Middle Fork Willamette	Upper Willamette District		Unnamed culvert	Culvert	Coal Creek	CT	0.0		0.000	Medium				5.0	other

Abbreviations			
STS	Summer Steelhead	ESA	Endangered Species Act
STW	Winter Steelhead	FT	Federally Threatened
CHS	Spring Chinook	FE	Federally Endangered
CHF	Fall Chinook	SE	State Endangered
Co	Coho	NWWD	Northwest Watershed District
CT	Cutthroat Trout	T&E	Threatened or Endangered Species
BT/BuT	Bull trout	Comp.	Complete
PL	Pacific Lamprey	Psg	Passage
RB	Rainbow - Redband Trout	hab	habitat
WF	Mountain Whitefish	BLS	Bridgelip Suckers
LSS	Largescale Suckers	NPM	Northern Pikeminnow