



Oregon

John A. Kitzhaber, MD., Governor

Department of Fish and Wildlife

Fish Division
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Salem, OR 97303
(503) 947-6201
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www.dfw.state.or.us/

SCIENTIFIC TAKING PERMIT - FISH



Permit Holder: **Kenenth Lujan**

Permit Number: **18377**

Organization: **USFWS**

Project Title: **National Wild Fish Health Survey**

Address: **201 Oklahoma Road
Willard, WA 98605**

Dates: **7/10/2014 to 12/31/2014**

Phone: **(509)538-2400**

Email: **Kenneth_lujan@fws.gov**

Federal Authorization: **NMFS 4d authorization letter dated 3/24/2014, expires 12/31/2014**

Principal Investigator: **Kenneth Lujan**

Co-Investigators: **Nick Ackerman, Jerri Bartholomew, Andrea Bianco, Aaron Borisenko, Bill Brignon, Larry Caton, Gregory Coffeen, Kelly Dirksen, Mark Doulos, Rodney Engle, Derek Faber, Susan Guttenberger, David Hand, Chris Hankin, Craig Haskell, Jeff Hogle, Shannon Hubler, Robert Hughes, Casey Jackson, Jeff Johnson, Maureen Kavanagh, Matt Lubejko, Rebecca Lynn McCoun, Spencer Meinzer, Michael Mulvey, Sonia Mumford, Mary Peters, Brian Poxon, Robert Regan, Leif Rinearson, Lawrence Schwabe, Philip Simpson, Shane Smith, Laura Sprague, Matthew Stinson, Richard Wesley Stocking, David Thompson, Wayne Wilson**

PI Signature: _____ CI Signature: _____

Locations:

Lower Deschutes HUC: Warm Springs River, Shitike Creek, Deschutes River, Bakeoven Creek, Buck Hollow Creek, Trout Creek;

Clackamas HUC: Eagle Creek, North Fork Eagle Creek, Clear Creek, Deep Creek, Clackamas River;

Lower Columbia-Sandy HUC: Cedar Creek;

Lower Grand Ronde HUC: Grand Ronde River and tributaries;

Lower John Day HUC: Columbia River at John Day Dam

Middle Columbia-Hood HUC: Columbia River at Bonneville Dam, Fifteenmile Creek, Eagle Creek, East Fork Hood River, Hood River, Middle Fork Hood River, West Fork Hood River;

Umatilla HUC: Umatilla River;

Umpqua HUC: Canyon Creek, Rock Creek;

Upper Grand Ronde HUC: Lookingglass Creek;

Walla Walla HUC: South Fork Walla Walla River;

Wallowa HUC: Wallowa River;

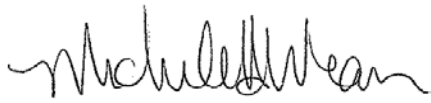
Warner Lakes HUC: Twentymile Creek, Deep Creek, Honey Creek

Yamhill HUC: Agency Creek;

CONDITIONS AND AUTHORIZATION OF THIS PERMIT:

1. General conditions of Oregon Revised Statutes and Oregon Administrative Rules apply to this permit that cannot be used in lieu of any permit required by federal law or regulation. Permission to sample in areas where federally protected fish may occur is contingent upon the permittee obtaining necessary authorization from the appropriate federal agency and acting in accordance with the conditions established by the federal government.
2. This permit is not transferable from one company or person to another and must be carried on person while collecting.
3. Access to private property is contingent on the permission of the landowner. This permit does not authorize trespassing.
4. This permit is not valid in any refuge, park, city, wildlife area, or area closed to collection without written approval of manager or administrator.
5. Local officials of the Department of Fish and Wildlife and Oregon State Police must be notified prior to each sampling effort.
6. An annual activity/collection report associated with this permit must be submitted to ODFW by December 31, 2014, using the on line application process available at <https://apps.nmfs.noaa.gov/>. Renewal of this permit is subject to receipt by ODFW of the annual activity/collection report either prior to or in conjunction with the renewal application.
7. No protected species may be taken unless specifically listed below and any other necessary federal authorizations have been granted. See ODFW Sport Fishing Regulations for listing of species, or contact ODFW directly.
8. All numbers of fish authorized in this permit and the attached APPS permit and take table are annual totals.
9. Persons named above as "Co-investigators" must sign their own copy of the permit and carry the signed copy while engaged in the activities authorized in this permit.
10. Persons not named above may assist in collecting only while accompanied by the Principal Investigator(s) or Co-investigator(s) listed above.
11. Additional conditions and authorization:
 - a) **May only conduct research and monitoring activities as described in the completed APPS permit (attached at the bottom of this document). Actual distribution of take among sites is authorized as described in the APPS permit application.**
 - b) **All fish handled must be recorded in the annual report for this permit.**
 - c) **Fish may only be taken by methods described in the APPS permit application (attached at the bottom of this document). If electrofishing, protocols should follow the guidelines established by the National Marine Fisheries Service (NMFS) in June 2000.**
 - d) **Activities must be coordinated with local ODFW Fish Biologist, *prior to any sampling in their district.***
 - e) **Indirect mortality may not exceed 3% (electrofishing) or 1% (other methods) as described in the take tables in the permit application. In the event that mortality for any species exceeds this rate, the permittee should contact the Endangered Species Act Program, ODFW, (503-947-6254 or 503-947-6253) prior to any further activity.**
 - f) **Follow FDA approved protocols and use only FDA approved substances for anesthetizing fish.**
 - g) **If sampling in multiple sub-basins (4th field HUCs), boots and sampling equipment intended for use in the water will be disinfected and air-dried prior to use in each location. Water containing chemicals used in handling fish and used for disinfecting equipment must not be allowed to enter waters of the state. Dispose of on dry land or allow to evaporate.**
 - h) **This permit only grants authority to conduct this activity under state law. Obtaining appropriate federal clearance under the Endangered Species Act is the permittee's responsibility. If a condition on this permit conflicts with a condition on the federal permit or authorization, then the permittee must comply with the more restrictive condition.**
 - i) **Unless otherwise stated in this permit, all authorized take is only for the species, purposes and by the protocols described in the permit application. If you approach or meet your permitted take at a location and still have sampling to do, please contact the ODFW ESA Program as soon as possible.**

ISSUED BY:



DATE: July 10, 2014

Michele Weaver
Endangered Species Act Specialist
(503) 947-6254

Distribution: Tom Murtagh, Todd Alsbury, Rod French, Jason Seals, William Duke, Jeff Yanke, Tim Bailey, David Banks, Laura Jackson, Ben Walczak, Kyle Bratcher, Jeff Neal, Brent Smith- ODFW

OREGON FISH BIOLOGISTS CONTACT DETAILS

ODFW District Biologist	Phone	E-mail	Watershed District	Office
Todd Alsbury	(971) 673-6011	Todd.Alsbury@state.or.us	North Willamette-East District	Clackamas
Tom Murtagh	(971) 673-6044	Tom.Murtagh@state.or.us	North Willamette-West District	Clackamas
Ben Walczak*	(971) 673-6013	ben.walczak@state.or.us	North Willamette-West District	Clackamas
Tim Bailey	(541) 962-1829	Timothy.D.Bailey@state.or.us	Grande Ronde	LaGrande
Vacant*	(541)-962-1830 ext. 230	Vacant	Grande Ronde	La Grande
Tom Rien	(971) 673-6081	tom.a.rien@state.or.us	Mainstem Columbia	Clackamas
Ben Clemens	(541) 265-8306 ext. 224	Benjamin.J.Clemens@state.or.us	Mid Coast	Newport
Derek Wilson *	(541)-265-8306 ext. 236	Derek.R.Wilson@state.or.us	Mid Coast	Newport
Todd Confer	(541) 247-7605	Todd.A.Confer@state.or.us	Rogue	Gold Beach
Steve Mazur*	(541)-247-7605	Steve.J.Mazur@state.or.us	Rogue	Gold Beach
Bill Duke	(541) 276-2344	William.B.Duke@state.or.us	Umatilla	Pendleton
Rod French	(541) 296-4628	Rod.A.French@state.or.us	Mid Columbia	The Dalles
Jason Seals *	(541)-296-4628	Jason.Seals@state.or.us	Mid-Columbia	The Dalles
Mike Gray	(541) 888-5515	Michael.E.Gray@state.or.us	Coos-Coquille	Charleston
Gary Vonderohe *	(541)-888-5515	Gary.R.Vonderohe@state.or.us	Coos-Coquille	Charleston
Brett Hodgson	(541) 388-6363 ext. 227	Brett.L.Hodgson@state.or.us	Deschutes	Bend
Erik Moberly*	(541)-447-5111 ext 24	Erik.R.Moberly@state.or.us	Deschutes	Bend
Tim Porter*	(541) 447-5111	Timothy.K.Porter@state.or.us	Deschutes	Prineville
Laura Jackson	(541) 440-3353 ext. 247	Laura.S.Jackson@state.or.us	Umpqua	Roseburg
Holly Huchko*	(541)-440-3353 ext. 263	Holly.A.Huchko@state.or.us	Umpqua	Roseburg
Chris Knutsen	(503) 842-2741	Chris.J.Knutsen@state.or.us	North Coast	Tillamook
Robert Bradley *	(503) 842-2741	Robert.Bradley@state.or.us	North Coast	Tillamook
Dave Plawman*	(503) 842-2741	Dave.I.plawman@state.or.us	North Coast	Tillamook
Elise Kelley	(541) 757-4186 ext. 249	elise.x.kelley@state.or.us	South Willamette	Corvallis

Alex Farrand *	(541) 757-4186	Alex.Farrand@state.or.us	South Willamette	Corvallis
Jeff Neal	(541) 575-1167 ext. 226	Jeff.Neal@state.or.us	John Day	John Day
Shannon Hurn	(541) 573-6582	Shannon.m.Hurn@state.or.us	Malheur	Hines
Vanant *	(541) 889-6975 ext. 25	Vacant	Malheur	Ontario
Jeff Yanke	(541) 426-3279	Jeff.Yanke@state.or.us	Grande Ronde	Enterprise
Kyle Bratcher *	(541) 426-3279	Kyle.W.Bratcher@state.or.us	Grande Ronde	Enterprise
Mike Harrington	(541) 883-5732	Michael.Harrington@state.or.us	Klamath	Klamath Falls
Bill Tinniswood *	(541) 883-5732	William.R.Tinniswood@state.or.us	Klamath	Klamath Falls
Dave Banks *	(541) 947-2950	David.J.Banks@state.or.us	South Central Oregon	Lakeview
Dan Van Dyke	(541) 826-8774 ext. 234	Daniel.J.VanDyke@state.or.us	Rogue	Central Point
Dave Haight*	(541) 826-8774	Dave.r.haight@state.or.us	Rogue	Central Point
Jeff Ziller	(541) 726-3515 ext. 26	Jeffrey.S.Ziller@state.or.us	South Willamette	Springfield
Kelly Reis*	(541) 726-3515	Kelly.E.Reis@state.or.us	South Willamette	Springfield
Scott Groth	(541) 888-5515	Scott.D.Groth@state.or.us	Marine Invertebrates	Charleston
Ali Dauble	(541) 867-4741 ext. 284	Alison.D.Dauble@.state.or.us	Marine Zone	Newport
Patrick Mirick	(541) 867-0300 ext. 223	Patrick.mirick@state.or.us	Marine Zone	Newport

*** Assistant District Fish Biologist**

Attachment 1: Terms and Conditions for 4(d) Authorized Take

1. Each Researcher must ensure that the listed species are taken only at the levels, by the means, in the areas, and for the purposes set forth in the Programs and conditions in this letter.
2. Each Researcher must not intentionally kill or cause to be killed any listed species—unless their particular project in the Program approved under the 4(d) rules specifically includes intentional lethal take.
3. Each Researcher must handle listed fish with extreme care and keep them in cold water to the maximum extent possible during sampling and processing procedures. When fish are transferred or held, a healthy environment must be provided—e.g., the holding units must contain adequate amounts of well-circulated water. When gear is used that captures a mix of species, listed fish must be processed first to minimize handling stress.
4. Each researcher must stop all handling of listed fish if the water temperature exceeds 70 degrees Fahrenheit at the capture site. Under these conditions, listed fish may only be identified and counted. In addition, electrofishing is not permitted if water temperatures exceed 64 degrees Fahrenheit.
5. If the Researcher must anesthetize listed fish to keep from injuring or killing them while they are handled, the fish must be allowed to recover before being released. Fish that are only counted must remain in water and not be anesthetized.
6. Each Researcher must use a sterilized needle for each individual injection when passive integrated transponder tags (PIT-tags) are inserted into listed fish.
7. If the Researcher incidentally captures any listed adult fish while sampling for juveniles, the adult fish must be released without further handling and such take must be reported.
8. Each Researcher must exercise due caution during spawning ground surveys to avoid disturbing listed adult salmonids when they are spawning. Researchers must also avoid walking in salmon streams whenever possible—especially where listed salmonids are likely to spawn. Visual observation must be used instead of intrusive sampling methods, especially when just determining anadromous fish presence.
9. Any Researcher using backpack electrofishing equipment must comply with NMFS' Backpack Electrofishing Guidelines (June 2000) available online at <http://www.nwr.noaa.gov/ESA-Salmon-Regulations-Permits/4d-Rules/upload/electro2000.pdf>. No boat electrofishing is approved under the 4(d) rules.
10. If any Researcher violates the stated terms and conditions they will be subject to any and all penalties provided by the ESA. NMFS may revoke this approval if the Projects it authorizes are not conducted in accordance with the approval, the 4(d) rule, and the requirements of the ESA or if NMFS determines that the findings made under section 4(d) of the ESA are no longer valid.
11. NMFS Northwest Region may amend the provisions of this approval after giving the Researcher reasonable notice of the amendment.
12. Each Researcher must possess a copy of NMFS' determination letter, these terms and conditions, and their project description (copy of submitted application) when engaging in their project activities.
13. The Researcher may not transfer or assign this approval to any other person as defined in Section 3(12) of the ESA. This approval ceases to be in effect if transferred or assigned to any other person without proper authorization from NMFS.
14. Each Researcher must obtain all other Federal, state, and local permits/authorizations necessary for conducting the approved projects.

15. Each Researcher must allow any NMFS employee or representative to accompany field personnel while they conduct the activities authorized. The Researchers must also allow such NMFS representatives to inspect any records or facilities relevant to the activities covered by the approval.

16. Each Researcher must obtain approval from NMFS before changing sampling locations or research protocols.

17. Each Researcher must notify NMFS as soon as possible but no later than two days after any authorized level of take is exceeded or if such an event is likely. Researchers must submit a written report detailing why the authorized take level was exceeded or is likely to be exceeded.

18. On or before January 31 of 2014, ODFW and authorized researchers must submit to NMFS an annual report of projects conducted under their Program. The report must be submitted on line using the NMFS' research permit website. Approval for subsequent years' research activities will be contingent upon NMFS' acceptance of this report. Falsifying annual reports or records related to the research is a violation of this approval.

19. Each Researcher is responsible for any biological samples collected from listed species as long as they are used for research purposes. The Researcher may not transfer biological samples to anyone not listed in their application without prior written approval from NMFS.

Project-Specific Terms and Conditions

1. Listed species under the jurisdiction of the U.S. Fish & Wildlife Service (USFWS)

Researchers are required to contact the USFWS regarding listed species under their jurisdiction that may be taken during this research.

2. Surrogate Hatchery Fish: Hatchery fish shall be used as test animals whenever possible as surrogates for listed fish. In particular, projects associated with documenting the effects of hydropower facilities on fish survival and/or passage shall explore using hatchery fish as test animals, and the project leaders must notify NMFS of their plans.



Authorizations and Permits for Protected Species (APPS)

File #: 18377

Title: Renew: National Wild Fish Health Survey

Applicant Information

Name: Kenneth Lujan
Title: Microbiologist
Affiliation: United States Fish and Wildlife Service
Address: 201 Oklahoma Rd.
City,State,Zip: Willard, WA 98605
Phone Number: (509)538-2400
Fax Number: (509)538-2404
Email: kenneth_lujan@fws.gov

Project Information

File Number: 18377
Application Status: **Application Complete**
Project Title: Renew: National Wild Fish Health Survey
Project Status: Renewal
Previous Federal or State Permit: [17516](#)
Permits Requested:

- 4d Rule coverage
- Oregon Scientific Taking Permit for Fish and Marine and Freshwater Invertebrates

Where will activities occur? Oregon (including Columbia River and offshore waters)
State department of fish and game/wildlife: N/A
Research Timeframe: **Start:** 03/01/2014 **End:** 12/31/2014

Sampling Season/Project Duration: The wild fish survey started in 1997 but collected listed fish since 2002. Project duration could be up to ten years or more, depending on funding.

Project Type: Monitoring

Project Description

Purpose: The purpose of the National Wild Fish Health Survey is to determine the distribution of specific pathogens in wild fish populations.

Description: The Fish and Wildlife Service requested and received a \$1 million annual increase in appropriations for fish disease work. Six hundred thousand dollars was used to initiate a National Wild Fish Health Survey (Survey) under the leadership of Service Regional Fish Health Centers (Centers), and in cooperation with stakeholders such as states, Tribes, and the aquaculture industry. This project incorporates standardized diagnostic and data management methods to ensure national comparability, identifies target pathogens, fish species, and habitats for survey, and is developing a systematic and interagency approach to fish health management of important watersheds. The Lower Columbia River Fish Health Center (USFWS) has been working cooperatively with ODFW since 2002 to look at the health of fish populations in the Clackamas River Basin. In the winter 2001, a private rainbow trout hatchery on Clear Creek, a tributary of the Clackamas River, tested positive for *Myxobolus cerebralis* spores, the causative agent for Whirling Disease. This is a major pathogen of concern and has not been previously found in this watershed. ODFW did not know if fish escaped from the hatchery or if the spores spread to wild fish populations. Because of this, ODFW began collecting salmonids with rotary screw traps and asked if the Lower Columbia River Fish Health Center could examine the fish for fish pathogens, primarily *Myxobolus cerebralis*. To date, the samples have all tested negative but we will continue to look for this pathogen and other fish pathogens in targeted basins.

In recent years, the Deschutes River has seen an increase in hatchery and wild steelhead straying from other basins. About 33% of these stray fish are infected with *Myxobolus cerebralis* spores. A majority of these fish are from NE Oregon's Snake River watershed and Idaho. In the Grande Ronde River basin, there are several tributaries that are positive for *Myxobolus cerebralis* spores. The spores infect the fish as juvenile smolts and the fish can carry the spores their whole life. After the fish dies, the spores will be released back into the water when the fish decomposes. To date, the Deschutes River does not have any wild populations of fish infected with *Myxobolus cerebralis*.

Beginning in 2013, the Lower Columbia River Fish Health Center will be working cooperatively with ODFW on the Hood River. Wild fish will be collected and examined for fish pathogens. The findings will be used as baseline data before a new hatchery on the West Fork Hood River is operational. This baseline information may help make management decisions in the Hood River sub-basin. Fish will also be collected from the West Fork Hood River, East Fork Hood River, and the mainstem Hood River. Most of the fish will be collected by rotary screw traps operated by ODFW. Fish will also be collected by backpack electrofishing upstream of the proposed hatchery site.

In the Hood River sub-basin, LCRFHC will work with ODFW's Philip Simpson - 4d permit # 17630. Determine wild steelhead (*Oncorhynchus mykiss*) and spring Chinook salmon (*Oncorhynchus tshawytscha*) production in the Hood River subbasin.

The LCRFHC is also working cooperatively with ODFW's Ian Tattam from the John Day River subbasin. Any mortalities from the rotary screw traps in the John Day River will be examined for fish pathogens.

The Lower Columbia River Fish Health Center will also work in cooperation with ODFW to monitor the water sources above some of the ODFW's fish hatcheries. Wild fish will be collected and examined for fish pathogens.

This includes: Wallowa Hatchery, Lookingglass Hatchery, Rock Creek Hatchery, Cascade Hatchery, Clackamas Hatchery, Leaburg Hatchery, McKenzie Hatchery, Sandy Hatchery, South Santiam Hatchery, Marion Forks Hatchery, and upstream of the adult facility in the South Fork Walla Walla River.

Spring Viremia of Carp (SVC) is an economically and ecologically important disease of farmed and wild carp and other cyprinid fish species caused by Rhabdovirus carpio. SVC disease (or infection with the viral pathogen, SVCV) is a condition that, when diagnosed or detected, is currently notifiable to the World Organization for Animal Health (OIE) on an immediate basis (within 24 hrs.) for first-time occurrences. In the US, the suspicion or confirmation of SVC, a designated foreign animal disease, or detection of SVCV entails notification to the United States Department of Agriculture (USDA). The first reported US case of SVC was in North Carolina ornamental koi in 2002, followed by a case in a wild cyprinid population in Wisconsin later that same year. Other outbreaks were reported in cultured carp species in Washington and Missouri in the summer of 2004. The USDA and the US Fish and Wildlife Service have entered into an agreement to perform SVCV surveillance on wild cyprinid populations in the waters of the US to determine the presence and distribution, if any, of this pathogen.

Supplemental Information

Methods:	The methods for the project are attached. The attached file is a pdf of the National Wild Fish Health Survey Laboratory Procedures Manual.
Lethal Take:	The samples have to be lethally taken in order to collect internal organs to test for specific fish pathogens. Fish designated for lethal take will always include any fish that appear to be stressed, appears likely to die, or are already dead at the time of capture. Fish that are sacrificed are placed in bags, kept on ice, and taken to the laboratory for testing.
Anticipated Effects on Animals:	After capture, fish will be held either in live-wells with aeration and flow through water, in mesh pens at the site of capture, in aerated buckets, or in the bag of the net before being processed. Specimens that are intentionally sacrificed, collected during field operations, are labeled and placed in a plastic bag, then brought to the Lower Columbia River Fish Health Center and immediately processed.
Measures to Minimize Effects:	We collect and handle fish in a manner to minimize stress and mortality following NMFS electrofishing guidelines. There is a one time pass with the electrofisher over a relatively short length of stream. No streams or stream segments are extensively electrofished.
Disposition of Tissues:	The fish carcasses and fish tissues will be properly exposed of. They will be autoclaved and placed in the landfill.
Public Availability of Product/Publications:	The information collected with the National Wild Fish Health Survey will be available for the public to view on the internet. This information is available on the National Wild Fish Database at (http://www.fws.gov/wildfishsurvey).

Biologist Comments

Date	From	Comments
10/10/2013	Craig Banner	Sent an email on 10/10/2013 asking for comments and sites.
10/10/2013	Sam Onjukka	Sent an email on 10/10/2013 requesting comments and site lists.
10/14/2013	Jeff Yanke	The project sponsor works directly with our fish district to help prioritize sampling sites. In addition, this sponsor also works with our local fish health program to coordinate wild fish sampling and avoid redundancy when possible. The district remains supportive of this project and the sponsor's efforts.
10/25/2013	Laura Jackson	For Canyon Ck, please add cutthroat trout for potential capture, handle and release. For Rock Ck, please add cutthroat, P. lamprey, and spring chinook for potential capture since they are apt to be present in the areas you sample. For the steelhead run on Rock Ck, please change to N/A since we have both summer and winter steelhead. Please follow all equipment and disinfection protocols, and please coordinate with us when you are in the area, and share your results. We're looking forward to seeing what you find.
04/24/2014	Dave Banks	I have no concerns regarding Ken's sampling in the Lake Fish District (aka Lake County). - copied from email by mhw

05/12/2014 Rod French The Mid-Columbia district continues to support and cooperate with this project. Please continue to coordinate with ODFW management and research staff operating within the district to obtain samples when available.

Federal Information

Federal Agency	Type	Authorization Number and Title	Date Signed	Expiration Date	Listing Units/Stocks Covered	Comments
U.S. Fish and Wildlife Service (FWS)	Funding	National Wild Fish Health Survey			N/A	The National Wild Fish Health Survey is funded by the US Fish and Wildlife Service. The Lower Columbia River Fish Health Center is a federal laboratory with federal personnel.
U.S. Fish and Wildlife Service (FWS)	Cooperator	TE-50381A, LCRFHC	07/22/2011		Warner Sucker, Range-wide (USFWS Threatened)	I will be working cooperatively with ODFW's Paul Scheerer's group out of Corvallis, OR.
National Marine Fisheries Service (NMFS)	Section 10 permit	14668 National Wild Fish Health Survey	03/31/2011	12/31/2014	Steelhead, Middle Columbia River (NMFS Threatened)	The National Wild Fish Health Survey is permitted for endangered fish through section 10 permit # 14668.

Location/Take Information

Freshwater Location

Research Area: State: OR Sub Basin (4th Field HUC): Lower Deschutes Stream Name: Shitike Creek Latitude: 44 45 44.40 Longitude: 121 13 41.42

Sale in Oregon of species taken: None

Location Description: Confluence of Shitike Creek and Deschutes River upstream

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Cottids	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw		N/A	N/A	3/1/2014	12/31/2014
2		Dace, Longnose	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw		N/A	N/A	3/1/2014	12/31/2014
3		Dace, Speckled	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw		N/A	N/A	3/1/2014	12/31/2014
4		Lamprey, Pacific	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw		N/A	N/A	3/1/2014	12/31/2014
5		Pikeminnow, Northern	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw		N/A	N/A	3/1/2014	12/31/2014

6	Salmon, Chinook	Unspecified	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Trap, Screw	Spring	N/A	3/1/2014	12/31/2014
7	Shiner, Redside	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw	N/A	N/A	3/1/2014	12/31/2014
8	Steelhead	Middle Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Trap, Screw	Summer	N/A	3/1/2014	12/31/2014
9	Sucker, Largescale	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw	N/A	N/A	3/1/2014	12/31/2014
10	Whitefish, Mountain	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw	N/A	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Clackamas **Stream Name:** Eagle Creek **Latitude:** 45.3515 **Longitude:** 122.3761

Sal in Oregon of species taken: None

Location Description: Eagle Creek from the mouth up to the hatchery

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Dace, Longnose	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
2		Dace, Longnose	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
3		Dace, Speckled	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
4		Dace, Speckled	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
5		Lamprey, Pacific	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
6		Lamprey, Pacific	NA	Natural	Juvenile	Unknown	60	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
7		Lamprey, Western brook	NA	Natural	Unknown	Unknown	10	1	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
8		Pikeminnow, Northern	NA	Natural	Unknown	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
9		Pikeminnow, Northern	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014

10	Salmon, Chinook	Upper Willamette River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Spring	N/A	3/1/2014	12/31/2014
11	Salmon, Chinook	Upper Willamette River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Spring	N/A	3/1/2014	12/31/2014
12	Salmon, Chinook	Upper Willamette River (NMFS Threatened)	Listed Hatchery Adipose Clip	Juvenile	Unknown	10	1	Capture/Handle/Release Fish	Electrofishing, Backpack		Spring	N/A	3/1/2014	12/31/2014
13	Salmon, coho	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
14	Salmon, coho	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
15	Sculpin (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
16	Shiner (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
17	Shiner (unknown)	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
18	Steelhead	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Winter	N/A	3/1/2014	12/31/2014
19	Sucker (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
20	Sucker (unknown)	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
21	Trout, Cutthroat	Coastal	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
22	Trout, Cutthroat	Coastal	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Clackamas **Stream Name:** Clear Creek

Site in Oregon of species taken: None

Location Description: Clear Creek, a tributary of the Clackamas River

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Trout, Cutthroat	Coastal	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
2		Salmon, coho	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
3		Trout, Cutthroat	Coastal	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
4		Lamprey, Pacific	NA	Natural	Juvenile	Unknown	10	1	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
5		Steelhead	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Winter	N/A	3/1/2014	12/31/2014
6		Salmon, coho	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
7		Lamprey, Western brook	NA	Natural	Unknown	Unknown	10	1	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
8		Sculpin (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
9		Dace, Speckled	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
10		Dace, Speckled	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
11		Dace, Longnose	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
12		Dace, Longnose	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
13		Pikeminnow, Northern	NA	Natural	Unknown	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
14		Pikeminnow, Northern	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
15		Shiner (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014

16		Shiner (unknown)	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
17		Sucker (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
18		Sucker (unknown)	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
19		Salmon, Chinook	Upper Willamette River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Spring	N/A	3/1/2014	12/31/2014
20		Salmon, Chinook	Upper Willamette River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Spring	N/A	3/1/2014	12/31/2014
21		Salmon, Chinook	Upper Willamette River (NMFS Threatened)	Listed Hatchery Adipose Clip	Juvenile	Unknown	10	1	Capture/Handle/Release Fish	Electrofishing, Backpack		Spring	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Clackamas **Stream Name:** Clackamas River

Sale in Oregon of species taken: None

Location Description: Upper Clackamas River

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Trout, Cutthroat	Coastal	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
2		Salmon, coho	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
3		Trout, Cutthroat	Coastal	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
4		Steelhead	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Winter	N/A	3/1/2014	12/31/2014
5		Salmon, coho	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014

6	Lamprey, Pacific	NA	Natural	Juvenile	Unknown	10	1	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
7	Lamprey, Western brook	NA	Natural	Unknown	Unknown	10	1	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
8	Sculpin (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
9	Dace, Speckled	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
10	Dace, Speckled	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
11	Dace, Longnose	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
12	Dace, Longnose	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
13	Pikeminnow, Northern	NA	Natural	Unknown	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
14	Pikeminnow, Northern	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
15	Shiner (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
16	Shiner (unknown)	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
17	Sucker (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
18	Sucker (unknown)	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
19	Salmon, Chinook	Upper Willamette River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Spring	N/A	3/1/2014	12/31/2014
20	Salmon, Chinook	Upper Willamette River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Spring	N/A	3/1/2014	12/31/2014
21	Salmon, Chinook	Upper Willamette River (NMFS Threatened)	Listed Hatchery Adipose Clip	Juvenile	Unknown	10	1	Capture/Handle/Release Fish	Electrofishing, Backpack		Spring	N/A	3/1/2014	12/31/2014

22		Trout, Brook	NA	Natural	Adult	Unknown	60	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
23		Steelhead	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Summer	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Clackamas **Stream Name:** North Fork Eagle Creek

Sale in Oregon of species taken: None

Location Description: North Fork Eagle Creek and Bear Creek

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Trout, Cutthroat	Coastal	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
2		Lamprey, Pacific	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
3		Salmon, coho	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
4		Trout, Cutthroat	Coastal	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
5		Lamprey, Pacific	NA	Natural	Juvenile	Unknown	60	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
6		Steelhead	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Winter	N/A	3/1/2014	12/31/2014
7		Salmon, coho	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
8		Lamprey, Western brook	NA	Natural	Unknown	Unknown	10	1	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
9		Sculpin (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
10		Dace, Speckled	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014

11		Dace, Speckled	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
12		Dace, Longnose	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
13		Dace, Longnose	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
14		Pikeminnow, Northern	NA	Natural	Unknown	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
15		Pikeminnow, Northern	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
16		Shiner (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
17		Shiner (unknown)	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
18		Sucker (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
19		Sucker (unknown)	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
20		Salmon, Chinook	Upper Willamette River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Spring	N/A	3/1/2014	12/31/2014
21		Salmon, Chinook	Upper Willamette River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Spring	N/A	3/1/2014	12/31/2014
22		Salmon, Chinook	Upper Willamette River (NMFS Threatened)	Listed Hatchery Adipose Clip	Juvenile	Unknown	10	1	Capture/Handle/Release Fish	Electrofishing, Backpack		Spring	N/A	3/1/2014	12/31/2014
23		Trout, Rainbow	NA	Unlisted Hatchery	Unknown	Unknown	60	0	Intentional (Directed) Mortality	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
24		Trout, Rainbow	NA	Unlisted Hatchery	Unknown	Unknown	60	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
25		Steelhead	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Summer	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean State: OR Sub Basin (4th Field HUC): Clackamas Stream Name: Deep Creek

Sale in Oregon of species taken: None

Location Description: Deep Creek, a tributary of the Clackamas River

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Trout, Cutthroat	Coastal	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
2		Salmon, coho	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
3		Trout, Cutthroat	Coastal	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
4		Lamprey, Pacific	NA	Natural	Juvenile	Unknown	10	1	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
5		Steelhead	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Winter	N/A	3/1/2014	12/31/2014
6		Salmon, coho	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
7		Lamprey, Western brook	NA	Natural	Unknown	Unknown	10	1	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
8		Sculpin (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
9		Dace, Speckled	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
10		Dace, Speckled	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
11		Dace, Longnose	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
12		Dace, Longnose	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
13		Pikeminnow, Northern	NA	Natural	Unknown	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014

14		Pikeminnow, Northern	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
15		Shiner (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
16		Shiner (unknown)	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
17		Sucker (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
18		Sucker (unknown)	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
19		Salmon, Chinook	Upper Willamette River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Spring	N/A	3/1/2014	12/31/2014
20		Salmon, Chinook	Upper Willamette River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Spring	N/A	3/1/2014	12/31/2014
21		Salmon, Chinook	Upper Willamette River (NMFS Threatened)	Listed Hatchery Adipose Clip	Juvenile	Unknown	10	1	Capture/Handle/Release Fish	Electrofishing, Backpack		Spring	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Lower Columbia-Sandy **Stream Name:** Cedar Creek

State in Oregon of species taken: None

Location Description: Upstream of the Sandy Hatchery.

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Salmon, coho	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
2		Steelhead	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Summer	N/A	3/1/2014	12/31/2014
3		Trout, Brook	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014

4		Salmon, coho	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
5		Steelhead	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Summer	N/A	3/1/2014	12/31/2014
6		Trout, Cutthroat	Coastal	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
7		Trout, Cutthroat	Coastal	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
8		Lamprey, Pacific	NA	Natural	Juvenile	Unknown	10	1	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
9		Lamprey, Western brook	NA	Natural	Unknown	Unknown	10	1	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
10		Sculpin (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
11		Dace, Speckled	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
12		Dace, Speckled	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
13		Dace, Longnose	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
14		Dace, Longnose	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
15		Pikeminnow, Northern	NA	Natural	Unknown	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
16		Pikeminnow, Northern	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
17		Shiner (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
18		Shiner (unknown)	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
19		Sucker (unknown)	NA	Natural	Unknown	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014

20		Sucker (unknown)	NA	Natural	Unknown	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
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Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Lower Deschutes **Stream Name:** Warm Springs River **Latitude:** 44 51 32.11 **Longitude:** 121 04 0.16

Sale in Oregon of species taken: None

Location Description: Confluence of the Warm Springs River and the Deschutes River upstream.

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Cottids	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw		N/A	N/A	3/1/2014	12/31/2014
2		Dace, Longnose	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw		N/A	N/A	3/1/2014	12/31/2014
3		Dace, Speckled	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw		N/A	N/A	3/1/2014	12/31/2014
4		Lamprey, Pacific	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw		N/A	N/A	3/1/2014	12/31/2014
5		Pikeminnow, Northern	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw		N/A	N/A	3/1/2014	12/31/2014
6		Salmon, Chinook	Unspecified	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Trap, Screw		Spring	N/A	3/1/2014	12/31/2014
7		Shiner, Redside	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw		N/A	N/A	3/1/2014	12/31/2014
8		Steelhead	Middle Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Trap, Screw		Summer	N/A	3/1/2014	12/31/2014
9		Sucker, Largescale	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw		N/A	N/A	3/1/2014	12/31/2014
10		Whitefish, Mountain	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw		N/A	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Lower Deschutes **Stream Name:** Deschutes River

Sale in Oregon of species taken: None

Location Description: Deschutes River mainstem

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Steelhead	Middle Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Summer	N/A	3/1/2014	12/31/2014
2		Whitefish, Mountain	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
3		Trout, Rainbow	NA	Natural	Adult	Unknown	60	0	Intentional (Directed) Mortality	Hook and line/angler/rod and reel	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
4		Steelhead	Middle Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	60	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Summer	N/A	3/1/2014	12/31/2014
5		Whitefish, Mountain	NA	Natural	Juvenile	Unknown	60	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Lower Deschutes **Stream Name:** Trout Creek

Sale in Oregon of species taken: None

Location Description: Trout Creek is a tributary of the Deschutes River

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Steelhead	Middle Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Summer	N/A	3/1/2014	12/31/2014
2		Steelhead	Middle Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Summer	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Lower Deschutes **Stream Name:** Bakeoven Creek

Sale in Oregon of species taken: None

Location Description: Bakeoven Creek is a tributary of the Deschutes River

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Steelhead	Middle Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Net, Fyke	Tissue sample (other internal tissues)	Summer	N/A	3/1/2014	12/31/2014

2		Salmon, coho	Unspecified	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Net, Fyke	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
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Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Lower Deschutes **Stream Name:** Buck Hollow Creek

Sale in Oregon of species taken: None

Location Description: Buck Hollow Creek is a tributary of the Deschutes River

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Steelhead	Middle Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Net, Fyke	Tissue sample (other internal tissues)	Summer	N/A	3/1/2014	12/31/2014
2		Salmon, coho	Unspecified	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Net, Fyke	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Lower Grande Ronde **Stream Name:** Grande Ronde River and Tribs

Sale in Oregon of species taken: None

Location Description: Will send a completed list of sites.

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Steelhead	Snake River Basin (NMFS Threatened)	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Summer	N/A	3/1/2014	12/31/2014
2		Salmon, Chinook	Snake River spring/summer-run (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Spring/Summer	N/A	3/1/2014	12/31/2014
3		Trout, Cutthroat	Unspecified	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
4		Salmon, Chinook	Snake River fall-run (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Fall	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Lower John Day **Stream Name:** Columbia River

Sale in Oregon of species taken: None

Location Description: John Day Dam

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Transport Record	Begin Date	End Date
1		Shad, American	NA	Natural	Adult	Male and Female	200	0	Intentional (Directed) Mortality	Hand and/or Dip Net	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Middle Columbia-Hood **Stream Name:** Columbia at Bonneville Dam

Sale in Oregon of species taken: None

Location Description: Bonneville Dam adult and juveniled facility

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Transport Record	Begin Date	End Date
1		Shad, American	NA	Natural	Adult	Unknown	200	0	Intentional (Directed) Mortality	Dam bypass, gatewell, orifice, etc. (only if associated with fish handling)		N/A	3/1/2014	12/31/2014
2		Shad, American	NA	Natural	Juvenile	Unknown	200	0	Intentional (Directed) Mortality	Dam bypass, gatewell, orifice, etc. (only if associated with fish handling)		N/A	3/1/2014	12/31/2014
3		Lamprey, Pacific	NA	Natural	Adult	Unknown	20	0	Intentional (Directed) Mortality	Dam bypass, gatewell, orifice, etc. (only if associated with fish handling)	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Middle Columbia-Hood **Stream Name:** Fifteenmile Creek and tributaries

Sale in Oregon of species taken: None

Location Description: Fifteenmile Creek and tributaries

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Steelhead	Middle Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Summer	N/A	3/1/2014	12/31/2014
Details: will use mixed STS and STW per NOAA request															

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Middle Columbia-Hood **Stream Name:** Eagle Creek

Sale in Oregon of species taken: None

Location Description: Above Cascade Fish Hatchery

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
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1		Salmon, Chinook	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Fall	N/A	3/1/2014	12/31/2014
2		Salmon, Chinook	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Fall	N/A	3/1/2014	12/31/2014
3		Salmon, coho	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
4		Salmon, coho	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
5		Steelhead	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Mixed	N/A	3/1/2014	12/31/2014
6		Steelhead	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Mixed	N/A	3/1/2014	12/31/2014
7		Trout, Cutthroat	Unspecified	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
8		Trout, Cutthroat	Unspecified	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean State: OR Sub Basin (4th Field HUC): Middle Columbia-Hood Stream Name: Hood River

Sale in Oregon of species taken: None

Location Description: Mainstem Hood River

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Steelhead	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	Mixed	N/A	3/1/2014	12/31/2014
2		Salmon, Chinook	Unspecified	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
Details: non-listed															
3		Salmon, Chinook	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	Tule Fall	N/A	3/1/2014	12/31/2014
4		Steelhead	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Mixed	N/A	3/1/2014	12/31/2014
5		Salmon, Chinook	Unspecified	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
Details: non-listed															
6		Salmon, Chinook	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Tule Fall	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Middle Columbia-Hood **Stream Name:** West Fork Hood River **Begin Mile:** **End Mile:** 15.0

Sale in Oregon of species taken: None

Location Description: Tributary to the mainstem of the Hood River. Upstream of the Moving Falls Hatchery location.

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Steelhead	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	Summer	N/A	3/1/2014	12/31/2014
2		Salmon, Chinook	Unspecified	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	Spring	N/A	3/1/2014	12/31/2014
Details: non-listed															
3		Steelhead	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Summer	N/A	3/1/2014	12/31/2014
4		Salmon, Chinook	Unspecified	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Spring	N/A	3/1/2014	12/31/2014
Details: non-listed															

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Middle Columbia-Hood **Stream Name:** Middle Fork Hood River **Begin Mile:** **End Mile:** 9.0

Sale in Oregon of species taken: None

Location Description: Middle Fork of the Hood River and it's tributaries.

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Steelhead	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	Winter	N/A	3/1/2014	12/31/2014
2		Salmon, Chinook	Unspecified	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	Spring	N/A	3/1/2014	12/31/2014
Details: non-listed															

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Middle Columbia-Hood **Stream Name:** East Fork Hood River **Begin Mile:** 1.0 **End Mile:** 1.5

Sale in Oregon of species taken: None

Location Description: East Fork of the Hood River.

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Steelhead	Lower Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	Winter	N/A	3/1/2014	12/31/2014
2		Salmon, Chinook	Unspecified	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	Spring	N/A	3/1/2014	12/31/2014
Details: non-listed															

Freshwater Location

Research Area: Pacific Ocean State: OR Sub Basin (4th Field HUC): Umatilla Stream Name: Umatilla River

Sale in Oregon of species taken: None

Location Description: Upper Umatilla River

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Steelhead	Middle Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	Summer	N/A	3/1/2014	12/31/2014
2		Salmon, Chinook	Unspecified	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	Spring	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean State: OR Sub Basin (4th Field HUC): Umpqua Stream Name: Rock Creek

Sale in Oregon of species taken: None

Location Description: Upstream of Rock Creek Hatchery

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Steelhead	Unspecified	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Winter	N/A	3/1/2014	12/31/2014
2		Salmon, coho	Oregon Coast (NMFS Threatened)	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
3		Steelhead	Unspecified	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack	Anesthetize	Winter	N/A	3/1/2014	12/31/2014
4		Salmon, coho	Oregon Coast (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack	Anesthetize	N/A	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Umpqua **Stream Name:** Canyon Creek

Sale in Oregon of species taken: None

Location Description: Canyon Creek above the acclimation sites.

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Steelhead	Unspecified	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Winter	N/A	3/1/2014	12/31/2014
2		Salmon, coho	Oregon Coast (NMFS Threatened)	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
3		Steelhead	Unspecified	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Winter	N/A	3/1/2014	12/31/2014
4		Salmon, coho	Oregon Coast (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Upper Grande Ronde River **Stream Name:** Lookingglass Creek

Sale in Oregon of species taken: None

Location Description: Above Lookingglass Hatchery.

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Steelhead	Snake River Basin (NMFS Threatened)	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Summer	N/A	3/1/2014	12/31/2014
2		Salmon, Chinook	Snake River spring/summer-run (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Summer	N/A	3/1/2014	12/31/2014
3		Trout, Cutthroat	Unspecified	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
4		Salmon, Chinook	Snake River spring/summer-run (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Spring	N/A	3/1/2014	12/31/2014
5		Steelhead	Snake River Basin (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Summer	N/A	3/1/2014	12/31/2014

6		Salmon, Chinook	Snake River spring/summer-run (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Summer	N/A	3/1/2014	12/31/2014
7		Trout, Cutthroat	Unspecified	Natural	Juvenile	Unknown	60	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
8		Salmon, Chinook	Snake River spring/summer-run (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Spring	N/A	3/1/2014	12/31/2014
9		Trout, Brook	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Walla Walla **Stream Name:** South Fork Walla Walla River

State in Oregon of species taken: None

Location Description: Upstream of the adult facility

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Steelhead	Middle Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Summer	N/A	3/1/2014	12/31/2014
2		Salmon, Chinook	Unspecified	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Spring	N/A	3/1/2014	12/31/2014
3		Steelhead	Middle Columbia River (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Summer	N/A	3/1/2014	12/31/2014
4		Salmon, Chinook	Unspecified	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Spring	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Wallowa River **Stream Name:** Wallawa River

State in Oregon of species taken: None

Location Description: Above Wallowa Fish Hatchery (Deer Creek, Little Sheep Creek)

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Steelhead	Snake River Basin (NMFS Threatened)	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Summer	N/A	3/1/2014	12/31/2014

2		Salmon, Chinook	Snake River spring/summer-run (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Summer	N/A	3/1/2014	12/31/2014
3		Trout, Cutthroat	Unspecified	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
4		Salmon, Chinook	Snake River spring/summer-run (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Spring	N/A	3/1/2014	12/31/2014
5		Steelhead	Snake River Basin (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Summer	N/A	3/1/2014	12/31/2014
6		Trout, Cutthroat	Unspecified	Natural	Juvenile	Unknown	60	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	N/A	3/1/2014	12/31/2014
7		Trout, Brook	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
8		Salmon, Chinook	Snake River spring/summer-run (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Capture/Handle/Release Fish	Electrofishing, Backpack		Summer	N/A	3/1/2014	12/31/2014
9		Salmon, Chinook	Snake River spring/summer-run (NMFS Threatened)	Natural	Juvenile	Unknown	10	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	Spring	N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean State: OR Sub Basin (4th Field HUC): Warner Lakes Stream Name: Twentymile Creek

Sale in Oregon of species taken: None

Location Description: Twentymile Creek sub-basin.

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Transport Record	Begin Date	End Date
1		Bullhead, Brown	NA	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
2		Dace, Speckled	NA	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
3		Chub, Tui	NA	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
4		Crappie, White	NA	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
5		Bass, Largemouth	NA	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014

6		Trout, Brook	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
7		Sucker, Warner	Range-wide (USFWS Threatened)	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
8		Bullhead, Brown	NA	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
9		Dace, Speckled	NA	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
10		Chub, Tui	NA	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
11		Crappie, White	NA	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
12		Bass, Largemouth	NA	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
13		Trout, Brook	NA	Natural	Juvenile	Unknown	60	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
14		Sucker, Warner	Range-wide (USFWS Threatened)	Natural	Juvenile	Unknown	20	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Warner Lakes **Stream Name:** Deep Creek

Sale in Oregon of species taken: None

Location Description: Deep Creek sub-basin.

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Transport Record	Begin Date	End Date
1		Bullhead, Brown	NA	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
2		Dace, Speckled	NA	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
3		Chub, Tui	NA	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
4		Crappie, White	NA	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
5		Bass, Largemouth	NA	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
6		Trout, Brook	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014

7		Sucker, Warner	Range-wide (USFWS Threatened)	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
8		Bullhead, Brown	NA	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
9		Dace, Speckled	NA	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
10		Chub, Tui	NA	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
11		Crappie, White	NA	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
12		Bass, Largemouth	NA	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
13		Trout, Brook	NA	Natural	Juvenile	Unknown	60	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
14		Sucker, Warner	Range-wide (USFWS Threatened)	Natural	Juvenile	Unknown	20	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean State: OR Sub Basin (4th Field HUC): Warner Lakes Stream Name: Honey Creek

Sale in Oregon of species taken: None

Location Description: Honey Creek sub-basin.

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Transport Record	Begin Date	End Date
1		Bullhead, Brown	NA	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
2		Dace, Speckled	NA	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
3		Chub, Tui	NA	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
4		Crappie, White	NA	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
5		Bass, Largemouth	NA	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
6		Trout, Brook	NA	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014
7		Sucker, Warner	Range-wide (USFWS Threatened)	Natural	Juvenile	Unknown	20	0	Intentional (Directed) Mortality	Electrofishing, Backpack	Tissue sample (other internal tissues)	N/A	3/1/2014	12/31/2014

8		Bullhead, Brown	NA	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
9		Dace, Speckled	NA	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
10		Chub, Tui	NA	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
11		Crappie, White	NA	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
12		Bass, Largemouth	NA	Natural	Juvenile	Unknown	30	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
13		Trout, Brook	NA	Natural	Juvenile	Unknown	60	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014
14		Sucker, Warner	Range-wide (USFWS Threatened)	Natural	Juvenile	Unknown	20	0	Capture/Handle/Release Fish	Electrofishing, Backpack		N/A	3/1/2014	12/31/2014

Freshwater Location

Research Area: Pacific Ocean **State:** OR **Sub Basin (4th Field HUC):** Yamhill **Stream Name:** Agency Creek **Latitude:** 45.0745 **Longitude:** 123.6218

Sale in Oregon of species taken: None

Location Description: Mouth of Agency Creek working upriver.

Take Information

Line	Ver	Species	Listing Unit/Stock	Production /Origin	Life Stage	Sex	Expected Take	Indirect Mort	Take Action	Observe /Collect Method	Procedure	Run	Transport Record	Begin Date	End Date
1		Steelhead	Upper Willamette River (NMFS Threatened)	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	Winter	N/A	3/1/2014	12/31/2014
2		Trout, Cutthroat	Oregon Coast	Natural	Juvenile	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
3		Salmon, coho	Unspecified	Natural	Juvenile	Unknown	30	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
4		Salmon, coho	Unspecified	Natural	Spawned Adult/ Carcass	Male and Female	60	0	Observe/Sample Tissue Dead Animal	Weir (only if associated with fish handling)	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
5		Lamprey, Western brook	NA	Natural	Unknown	Unknown	5	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
6		Dace, Speckled	NA	Natural	Unknown	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014

7		Dace, Longnose	NA	Natural	Unknown	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
8		Pikeminnow, Northern	NA	Natural	Unknown	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
9		Shiner (unknown)	NA	Natural	Unknown	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
10		Sucker (unknown)	NA	Natural	Unknown	Unknown	60	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014
11		Lamprey, Pacific	NA	Natural	Unknown	Unknown	30	0	Intentional (Directed) Mortality	Trap, Screw	Tissue sample (other internal tissues)	N/A	N/A	3/1/2014	12/31/2014

Project Contacts

Primary Contact: Kenneth Lujan

Principal Investigator: Kenneth Lujan

Other Personnel:

Name	Role(s)
Nicklaus Kyle Ackerman	Co-Investigator
Jerri Bartholomew	Co-Investigator
andrea bianco	Co-Investigator
Aaron Borisenko	Co-Investigator
William Brignon	Co-Investigator
Larry Caton	Co-Investigator
Gregory Coffeen	Co-Investigator
Kelly Dirksen	Co-Investigator
Mark Doulos	Co-Investigator
Rodney Engle	Co-Investigator
Derrek Marshall Faber	Co-Investigator
Susan Guttenberger	Co-Investigator
David Hand	Co-Investigator
Chris Hankin	Co-Investigator
Craig Andrew Haskell	Co-Investigator

Jeff Hogle	Co-Investigator
Shannon Hubler	Co-Investigator
Robert Hughes	Co-Investigator
casey jackson	Co-Investigator
Eric Johnson	Co-Investigator
Jeff Johnson	Co-Investigator
Maureen Kavanagh	Co-Investigator
Steve Lee	Co-Investigator
Matt Lubejko	Co-Investigator
Rebecca Lyn McCoun	Co-Investigator
Spencer Meinzer	Co-Investigator
Michael Mulvey	Co-Investigator
Sonia Mumford	Co-Investigator
Mary Peters	Co-Investigator
Brian Poxon	Co-Investigator
Robert E Reagan	Co-Investigator
Leif Rinearson	Co-Investigator
Lawrence Schwabe	Co-Investigator
Philip C Simpson	Co-Investigator
shane smith	Co-Investigator
Laura Sprague	Co-Investigator
Matthew Stinson	Co-Investigator
Richard Wesley Stocking	Co-Investigator
David Thompson	Co-Investigator
Joe Warren	Co-Investigator
Wayne Wilson	Co-Investigator

Collector Comments: There is a possibility of hiring summer help for the 2014 sampling year.

Attachments

Contact - Craig Andrew Haskell: C12480T5Craig Haskell_Resume1.docx (Added Mar 15, 2011)

Contact - Craig Andrew Haskell: C12480T5Curriculum Vitae.doc (Added Nov 17, 2008)

Contact - Gregory Coffeen: C4608T5GregCoffeen_resume_jan08.pdf (Added Mar 4, 2011)

Contact - Gregory Coffeen: C4608T5GregCoffeen_resume_March11.pdf (Added Oct 29, 2012)

Contact - Jeff Johnson: C2223T5Johnson 2 page CV 2008.pdf (Added Oct 16, 2008)

Contact - Jerri Bartholomew: C14217T5CV-Bartholomew.doc (Added Mar 15, 2011)

Contact - Larry Caton: C1839T5Caton CV.doc (Added Dec 5, 2008)

Contact - Michael Mulvey: C93T5Mulvey_RESUME1short.pdf (Added May 23, 2012)

Contact - Philip C Simpson: C14888T5Philip_Christian_Simpson.doc (Added Sep 26, 2011)

Contact - Robert Hughes: C12246T5Hughes_RM.doc (Added Dec 21, 2009)

Contact - Robert Hughes: C12246T5resume.2009.doc (Added Jun 11, 2009)

Contact - Shannon Hubler: C13320T5Shannon Hubler_resume_Feb12.pdf (Added May 23, 2012)

Federal Authorization - P16678T2USFWS Subpermit TE 702631.pdf (Added Oct 7, 2013)

Project Description - P14747T1NWFHS Lab Manual _4.0 Edition_Sept 2006 (rcd 7-30-07).pdf (Added Oct 7, 2013)

Project Description - P18377T14Issued.pdf (Added Mar 25, 2014)

Renewal Summary

Are you making any changes, other than dates, from the previous application? Yes

If Yes, please briefly summarize the changes you are making:

(NOTE: Take Information, Collector Comment, Federal Information, Federal Population Affected has changed. Comment added by Validation Process.)

Summary of Take Information by Location

Original Location: State/Territory: OR; Clackamas; Clackamas River (Upper Clackamas River)

Renewed Location: State/Territory: OR; Clackamas; Clackamas River (Upper Clackamas River)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Dace, Longnose	NA	Electrofishing, Backpack	Unknown	Natural	40	0			40	0
Dace, Speckled	NA	Electrofishing, Backpack	Unknown	Natural	40	0			40	0
Lamprey, Pacific	NA	Electrofishing, Backpack	Juvenile	Natural	10	1			10	1
Lamprey, Western brook	NA	Electrofishing, Backpack	Unknown	Natural	10	1			10	1
Pikeminnow, Northern	NA	Electrofishing, Backpack	Unknown	Natural	60	0			60	0
Salmon, Chinook	Upper Willamette River	Electrofishing, Backpack	Juvenile	Listed Hatchery Adipose Clip	10	1			10	1

Salmon, Chinook	Upper Willamette River	Electrofishing, Backpack	Juvenile	Natural	20	0	20	0
Salmon, coho	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	30	0	30	0
Sculpin (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	30	0	30	0
Shiner (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	40	0	40	0
Steelhead	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	10	0	40	0
Sucker (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	40	0	40	0
Trout, Brook	NA	Electrofishing, Backpack	Adult	Natural	60	0	60	0
Trout, Cutthroat	Coastal	Electrofishing, Backpack	Juvenile	Natural	40	0	40	0

Original Location: State/Territory: OR; Clackamas; Clear Creek (Clear Creek, a tributary of the Clackamas River)

Renewed Location: State/Territory: OR; Clackamas; Clear Creek (Clear Creek, a tributary of the Clackamas River)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Dace, Longnose	NA	Electrofishing, Backpack	Unknown	Natural	40	0	40	0		
Dace, Speckled	NA	Electrofishing, Backpack	Unknown	Natural	40	0	40	0		
Lamprey, Pacific	NA	Electrofishing, Backpack	Juvenile	Natural	10	1	10	1		
Lamprey, Western brook	NA	Electrofishing, Backpack	Unknown	Natural	10	1	10	1		
Pikeminnow, Northern	NA	Electrofishing, Backpack	Unknown	Natural	60	0	60	0		
Salmon, Chinook	Upper Willamette River	Electrofishing, Backpack	Juvenile	Listed Hatchery Adipose Clip	10	1	10	1		
Salmon, Chinook	Upper Willamette River	Electrofishing, Backpack	Juvenile	Natural	20	0	20	0		
Salmon, coho	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	30	0	30	0		
Sculpin (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	30	0	30	0		

Shiner (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	40	0	40	0
Steelhead	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	10	0	10	0
Sucker (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	40	0	40	0
Trout, Cutthroat	Coastal	Electrofishing, Backpack	Juvenile	Natural	20	0	20	0

Original Location: State/Territory: OR; Clackamas; Deep Creek (Deep Creek, a tributary of the Clackamas River)

Renewed Location: State/Territory: OR; Clackamas; Deep Creek (Deep Creek, a tributary of the Clackamas River)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Dace, Longnose	NA	Electrofishing, Backpack	Unknown	Natural	40	0	40	0		
Dace, Speckled	NA	Electrofishing, Backpack	Unknown	Natural	40	0	40	0		
Lamprey, Pacific	NA	Electrofishing, Backpack	Juvenile	Natural	10	1	10	1		
Lamprey, Western brook	NA	Electrofishing, Backpack	Unknown	Natural	10	1	10	1		
Pikeminnow, Northern	NA	Electrofishing, Backpack	Unknown	Natural	60	0	60	0		
Salmon, Chinook	Upper Willamette River	Electrofishing, Backpack	Juvenile	Listed Hatchery Adipose Clip	10	1	10	1		
Salmon, Chinook	Upper Willamette River	Electrofishing, Backpack	Juvenile	Natural	20	0	20	0		
Salmon, coho	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	30	0	30	0		
Sculpin (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	30	0	30	0		
Shiner (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	40	0	40	0		
Steelhead	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	10	0	10	0		
Sucker (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	40	0	40	0		
Trout, Cutthroat	Coastal	Electrofishing, Backpack	Juvenile	Natural	20	0	20	0		

Original Location: State/Territory: OR; Clackamas; Eagle Creek; N45.3515_ W122.3761 (Eagle Creek from the mouth up to the hatchery)

Renewed Location: State/Territory: OR; Clackamas; Eagle Creek; N45.3515_ W122.3761 (Eagle Creek from the mouth up to the hatchery)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Dace, Longnose	NA	Electrofishing, Backpack	Unknown	Natural	40	0	0	0	40	0
Dace, Speckled	NA	Electrofishing, Backpack	Unknown	Natural	40	0	0	0	40	0
Lamprey, Pacific	NA	Electrofishing, Backpack	Juvenile	Natural	120	0	30	0	120	0
Lamprey, Western brook	NA	Electrofishing, Backpack	Unknown	Natural	10	1	0	0	10	1
Pikeminnow, Northern	NA	Electrofishing, Backpack	Unknown	Natural	60	0	0	0	60	0
Salmon, Chinook	Upper Willamette River	Electrofishing, Backpack	Juvenile	Listed Hatchery Adipose Clip	10	1	0	0	10	1
Salmon, Chinook	Upper Willamette River	Electrofishing, Backpack	Juvenile	Natural	20	0	0	0	20	0
Salmon, coho	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	30	0	0	0	30	0
Sculpin (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	30	0	10	0	30	0
Shiner (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	40	0	0	0	40	0
Steelhead	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	10	0	0	0	10	0
Sucker (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	40	0	0	0	40	0
Trout, Cutthroat	Coastal	Electrofishing, Backpack	Juvenile	Natural	60	0	6	0	60	0

Original Location: State/Territory: OR; Clackamas; North Fork Eagle Creek (North Fork Eagle Creek and Bear Creek)

Renewed Location: State/Territory: OR; Clackamas; North Fork Eagle Creek (North Fork Eagle Creek and Bear Creek)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Dace, Longnose	NA	Electrofishing, Backpack	Unknown	Natural	40	0	0	0	40	0
Dace, Speckled	NA	Electrofishing, Backpack	Unknown	Natural	40	0	0	0	40	0

Lamprey, Pacific	NA	Electrofishing, Backpack	Juvenile	Natural	120	0	0	0	120	0
Lamprey, Western brook	NA	Electrofishing, Backpack	Unknown	Natural	10	1	0	0	10	1
Pikeminnow, Northern	NA	Electrofishing, Backpack	Unknown	Natural	60	0	0	0	60	0
Salmon, Chinook	Upper Willamette River	Electrofishing, Backpack	Juvenile	Listed Hatchery Adipose Clip	10	1	0	0	10	1
Salmon, Chinook	Upper Willamette River	Electrofishing, Backpack	Juvenile	Natural	20	0	0	0	20	0
Salmon, coho	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	30	0	10	0	30	0
Sculpin (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	30	0	0	0	30	0
Shiner (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	40	0	0	0	40	0
Steelhead	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	10	0	0	0	40	0
Sucker (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	40	0	0	0	40	0
Trout, Cutthroat	Coastal	Electrofishing, Backpack	Juvenile	Natural	60	0	6	0	60	0
Trout, Rainbow	NA	Electrofishing, Backpack	Unknown	Unlisted Hatchery	120	0	1	0	120	0

Original Location: State/Territory: OR; Lower Columbia-Sandy; Cedar Creek (Upstream of the Sandy Hatchery.)

Renewed Location: State/Territory: OR; Lower Columbia-Sandy; Cedar Creek (Upstream of the Sandy Hatchery.)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Dace, Longnose	NA	Electrofishing, Backpack	Unknown	Natural	40	0			40	0
Dace, Speckled	NA	Electrofishing, Backpack	Unknown	Natural	40	0			40	0
Lamprey, Pacific	NA	Electrofishing, Backpack	Juvenile	Natural	10	1			10	1
Lamprey, Western brook	NA	Electrofishing, Backpack	Unknown	Natural	10	1			10	1
Pikeminnow, Northern	NA	Electrofishing, Backpack	Unknown	Natural	60	0			60	0

Salmon, coho	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	20	0	20	0
Sculpin (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	30	0	30	0
Shiner (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	40	0	40	0
Steelhead	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	60	0	60	0
Sucker (unknown)	NA	Electrofishing, Backpack	Unknown	Natural	40	0	40	0
Trout, Brook	NA	Electrofishing, Backpack	Juvenile	Natural	60	0	60	0
Trout, Cutthroat	Coastal	Electrofishing, Backpack	Juvenile	Natural	20	0	20	0

Original Location: State/Territory: OR; Lower Deschutes; Bakeoven Creek (Bakeoven Creek is a tributary of the Deschutes River)

Renewed Location: State/Territory: OR; Lower Deschutes; Bakeoven Creek (Bakeoven Creek is a tributary of the Deschutes River)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Salmon, coho	Unspecified	Net, Fyke	Juvenile	Natural	20	0			20	0
Steelhead	Middle Columbia River	Net, Fyke	Juvenile	Natural	20	0			20	0

Original Location: State/Territory: OR; Lower Deschutes; Buck Hollow Creek (Buck Hollow Creek is a tributary of the Deschutes River)

Renewed Location: State/Territory: OR; Lower Deschutes; Buck Hollow Creek (Buck Hollow Creek is a tributary of the Deschutes River)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Salmon, coho	Unspecified	Net, Fyke	Juvenile	Natural	20	0			20	0
Steelhead	Middle Columbia River	Net, Fyke	Juvenile	Natural	20	0			20	0

Original Location: State/Territory: OR; Lower Deschutes; Deschutes River (Deschutes River mainstem)

Renewed Location: State/Territory: OR; Lower Deschutes; Deschutes River (Deschutes River mainstem)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Steelhead	Middle Columbia River	Electrofishing, Backpack	Juvenile	Natural	120	0			120	0

Trout, Rainbow	NA	Hook and line/angler/rod and reel	Adult	Natural	60	0		60	0
Whitefish, Mountain	NA	Electrofishing, Backpack	Juvenile	Natural	120	0		120	0

Original Location: State/Territory: OR; Lower Deschutes; Shitike Creek; N44 45 44.40_ W121 13 41.42 (Confluence of Shitike Creek and Deschutes River upstream)

Renewed Location: State/Territory: OR; Lower Deschutes; Shitike Creek; N44 45 44.40_ W121 13 41.42 (Confluence of Shitike Creek and Deschutes River upstream)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Cottids	NA	Trap, Screw	Juvenile	Natural	60	0			60	0
Dace, Longnose	NA	Trap, Screw	Juvenile	Natural	60	0			60	0
Dace, Speckled	NA	Trap, Screw	Juvenile	Natural	60	0			60	0
Lamprey, Pacific	NA	Trap, Screw	Juvenile	Natural	60	0			60	0
Pikeminnow, Northern	NA	Trap, Screw	Juvenile	Natural	60	0			60	0
Salmon, Chinook	Unspecified	Trap, Screw	Juvenile	Natural	30	0			30	0
Shiner, Redside	NA	Trap, Screw	Juvenile	Natural	60	0			60	0
Steelhead	Middle Columbia River	Trap, Screw	Juvenile	Natural	30	0			30	0
Sucker, Largescale	NA	Trap, Screw	Juvenile	Natural	60	0			60	0
Whitefish, Mountain	NA	Trap, Screw	Juvenile	Natural	60	0			60	0

Original Location: State/Territory: OR; Lower Deschutes; Trout Creek (Trout Creek is a tributary of the Deschutes River)

Renewed Location: State/Territory: OR; Lower Deschutes; Trout Creek (Trout Creek is a tributary of the Deschutes River)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Steelhead	Middle Columbia River	Electrofishing, Backpack	Juvenile	Natural	30	0			30	0

Original Location: State/Territory: OR; Lower Deschutes; Warm Springs River; N44 51 32.11_ W121 04 0.16 (Confluence of the Warm Springs River and the Deschutes River upstream.)

Renewed Location: State/Territory: OR; Lower Deschutes; Warm Springs River; N44 51 32.11_ W121 04 0.16 (Confluence of the Warm Springs River and the Deschutes River upstream.)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Cottids	NA	Trap, Screw	Juvenile	Natural	60	0	0	0	60	0
Dace, Longnose	NA	Trap, Screw	Juvenile	Natural	60	0	0	0	60	0
Dace, Speckled	NA	Trap, Screw	Juvenile	Natural	60	0	0	0	60	0
Lamprey, Pacific	NA	Trap, Screw	Juvenile	Natural	60	0	0	0	60	0

Pikeminnow, Northern	NA	Trap, Screw	Juvenile	Natural	60	0	0	0	60	0
Salmon, Chinook	Unspecified	Trap, Screw	Juvenile	Natural	30	0	10	0	30	0
Shiner, Redside	NA	Trap, Screw	Juvenile	Natural	60	0	0	0	60	0
Steelhead	Middle Columbia River	Trap, Screw	Juvenile	Natural	30	0	1	0	30	0
Sucker, Largescale	NA	Trap, Screw	Juvenile	Natural	60	0	0	0	60	0
Whitefish, Mountain	NA	Trap, Screw	Juvenile	Natural	60	0	0	0	60	0

Original Location: State/Territory: OR; Lower Grande Ronde; Grande Ronde River and Tribs (Will send a completed list of sites.)

Renewed Location: State/Territory: OR; Lower Grande Ronde; Grande Ronde River and Tribs (Will send a completed list of sites.)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Salmon, Chinook	Snake River fall-run	Electrofishing, Backpack	Juvenile	Natural	10	0			10	0
Salmon, Chinook	Snake River spring/summer-run	Electrofishing, Backpack	Juvenile	Natural	10	0			10	0
Steelhead	Snake River Basin	Electrofishing, Backpack	Juvenile	Natural	30	0			30	0
Trout, Cutthroat	Unspecified	Electrofishing, Backpack	Juvenile	Natural	60	0			60	0

Original Location: State/Territory: OR; Lower John Day; Columbia River (John Day Dam)

Renewed Location: State/Territory: OR; Lower John Day; Columbia River (John Day Dam)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Shad, American	NA	Hand and/or Dip Net	Adult	Natural	200	0	10	0	200	0

Original Location: State/Territory: OR; Middle Columbia-Hood; Columbia at Bonneville Dam (Bonneville Dam adult and juveniled facility)

Renewed Location: State/Territory: OR; Middle Columbia-Hood; Columbia at Bonneville Dam (Bonneville Dam adult and juveniled facility)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Lamprey, Pacific	NA	Dam bypass, gatewell, orifice, etc. (only if associated with fish handling)	Adult	Natural	20	0	0		20	0
Shad, American	NA	Dam bypass, gatewell, orifice, etc. (only if associated with fish handling)	Adult	Natural	200	0	80		200	0
Shad, American	NA	Dam bypass, gatewell, orifice, etc. (only if associated with fish handling)	Juvenile	Natural	200	0	0		200	0

Original Location: State/Territory: OR; Middle Columbia-Hood; Eagle Creek (Above Cascade Fish Hatchery)

Renewed Location: State/Territory: OR; Middle Columbia-Hood; Eagle Creek (Above Cascade Fish Hatchery)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Salmon, Chinook	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	30	0			30	0
Salmon, coho	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	30	0			30	0
Steelhead	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	30	0			30	0
Trout, Cutthroat	Unspecified	Electrofishing, Backpack	Juvenile	Natural	60	0			60	0

Original Location: State/Territory: OR; Middle Columbia-Hood; East Fork Hood River (East Fork of the Hood River.)

Renewed Location: State/Territory: OR; Middle Columbia-Hood; East Fork Hood River (East Fork of the Hood River.)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Salmon, Chinook	Unspecified	Trap, Screw	Juvenile	Natural	20	0	17	0	20	0
Steelhead	Lower Columbia River	Trap, Screw	Juvenile	Natural	20	0	18	0	20	0

Original Location: State/Territory: OR; Middle Columbia-Hood; Fifteenmile Creek and tributaries (Fifteenmile Creek and tributaries)

Renewed Location: State/Territory: OR; Middle Columbia-Hood; Fifteenmile Creek and tributaries (Fifteenmile Creek and tributaries)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Steelhead	Middle Columbia River	Electrofishing, Backpack	Juvenile	Natural	20	0			20	0

Original Location: State/Territory: OR; Middle Columbia-Hood; Hood River (Mainstem Hood River)

Renewed Location: State/Territory: OR; Middle Columbia-Hood; Hood River (Mainstem Hood River)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Salmon, Chinook	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	10	0	0	0	10	0
Salmon, Chinook	Lower Columbia River	Trap, Screw	Juvenile	Natural	10	0	0	0	10	0
Salmon, Chinook	Unspecified	Electrofishing, Backpack	Juvenile	Natural	10	0	10	0	10	0

Salmon, Chinook	Unspecified	Trap, Screw	Juvenile	Natural	10	0	0	0	10	0
Steelhead	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	10	0	10	0	10	0
Steelhead	Lower Columbia River	Trap, Screw	Juvenile	Natural	10	0	10	0	10	0

Original Location: State/Territory: OR; Middle Columbia-Hood; Middle Fork Hood River (Middle Fork of the Hood River and it's tributaries.)

Renewed Location: State/Territory: OR; Middle Columbia-Hood; Middle Fork Hood River (Middle Fork of the Hood River and it's tributaries.)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Salmon, Chinook	Unspecified	Trap, Screw	Juvenile	Natural	20	0	0	0	20	0
Steelhead	Lower Columbia River	Trap, Screw	Juvenile	Natural	20	0	7	0	20	0

Original Location: State/Territory: OR; Middle Columbia-Hood; West Fork Hood River (Tributary to the mainstem of the Hood River. Upstream of the Moving Falls Hatchery location.)

Renewed Location: State/Territory: OR; Middle Columbia-Hood; West Fork Hood River (Tributary to the mainstem of the Hood River. Upstream of the Moving Falls Hatchery location.)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Salmon, Chinook	Unspecified	Electrofishing, Backpack	Juvenile	Natural	10	0	10	0	10	0
Salmon, Chinook	Unspecified	Trap, Screw	Juvenile	Natural	10	0	0	0	10	0
Steelhead	Lower Columbia River	Electrofishing, Backpack	Juvenile	Natural	10	0	10	0	10	0
Steelhead	Lower Columbia River	Trap, Screw	Juvenile	Natural	10	0	0	0	10	0

Original Location: State/Territory: OR; Umatilla; Umatilla River (Upper Umatilla River)

Renewed Location: State/Territory: OR; Umatilla; Umatilla River (Upper Umatilla River)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Salmon, Chinook	Unspecified	Trap, Screw	Juvenile	Natural	30	0			30	0
Steelhead	Middle Columbia River	Trap, Screw	Juvenile	Natural	30	0			30	0

Original Location: State/Territory: OR; Umpqua; Canyon Creek (Canyon Creek above the acclimation sites.)

Renewed Location: State/Territory: OR; Umpqua; Canyon Creek (Canyon Creek above the acclimation sites.)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Salmon, coho	Oregon Coast	Electrofishing, Backpack	Juvenile	Natural	40	0			40	0
Steelhead	Unspecified	Electrofishing, Backpack	Juvenile	Natural	40	0			40	0

Original Location: State/Territory: OR; Umpqua; Rock Creek (Upstream of Rock Creek Hatchery)

Renewed Location: State/Territory: OR; Umpqua; Rock Creek (Upstream of Rock Creek Hatchery)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Salmon, coho	Oregon Coast	Electrofishing, Backpack	Juvenile	Natural	40	0	30	0	40	0
Steelhead	Unspecified	Electrofishing, Backpack	Juvenile	Natural	40	0	25	0	40	0

Original Location: State/Territory: OR; Upper Grande Ronde River; Lookingglass Creek (Above Lookingglass Hatchery.)

Renewed Location: State/Territory: OR; Upper Grande Ronde River; Lookingglass Creek (Above Lookingglass Hatchery.)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Salmon, Chinook	Snake River spring/summer-run	Electrofishing, Backpack	Juvenile	Natural	40	0			40	0
Steelhead	Snake River Basin	Electrofishing, Backpack	Juvenile	Natural	40	0			40	0
Trout, Brook	NA	Electrofishing, Backpack	Juvenile	Natural	60	0			60	0
Trout, Cutthroat	Unspecified	Electrofishing, Backpack	Juvenile	Natural	120	0			120	0

Original Location: State/Territory: OR; Walla Walla; South Fork Walla Walla River (Upstream of the adult facility)

Renewed Location: State/Territory: OR; Walla Walla; South Fork Walla Walla River (Upstream of the adult facility)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Salmon, Chinook	Unspecified	Electrofishing, Backpack	Juvenile	Natural	40	0			40	0
Steelhead	Middle Columbia River	Electrofishing, Backpack	Juvenile	Natural	40	0			40	0

Original Location: State/Territory: OR; Wallowa River; Wallawa River (Above Wallowa Fish Hatchery (Deer Creek, Little Sheep Creek))

Renewed Location: State/Territory: OR; Wallowa River; Wallawa River (Above Wallowa Fish Hatchery (Deer Creek, Little Sheep Creek))

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Salmon, Chinook	Snake River spring/summer-run	Electrofishing, Backpack	Juvenile	Natural	40	0	0	0	40	0
Steelhead	Snake River Basin	Electrofishing, Backpack	Juvenile	Natural	40	0	30	0	40	0
Trout, Brook	NA	Electrofishing, Backpack	Juvenile	Natural	60	0	0	0	60	0
Trout, Cutthroat	Unspecified	Electrofishing, Backpack	Juvenile	Natural	120	0	0	0	120	0

Original Location: State/Territory: OR; Warner Lakes; Deep Creek (Deep Creek sub-basin.)

Renewed Location: State/Territory: OR; Warner Lakes; Deep Creek (Deep Creek sub-basin.)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Bass, Largemouth	NA	Electrofishing, Backpack	Juvenile	Natural	60	0			60	0
Bullhead, Brown	NA	Electrofishing, Backpack	Juvenile	Natural	60	0			60	0
Chub, Tui	NA	Electrofishing, Backpack	Juvenile	Natural	60	0			60	0
Crappie, White	NA	Electrofishing, Backpack	Juvenile	Natural	60	0			60	0
Dace, Speckled	NA	Electrofishing, Backpack	Juvenile	Natural	60	0			60	0
Sucker, Warner	Range-wide	Electrofishing, Backpack	Juvenile	Natural	40	0			40	0
Trout, Brook	NA	Electrofishing, Backpack	Juvenile	Natural	120	0			120	0

Original Location: State/Territory: OR; Warner Lakes; Honey Creek (Honey Creek sub-basin.)

Renewed Location: State/Territory: OR; Warner Lakes; Honey Creek (Honey Creek sub-basin.)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Bass, Largemouth	NA	Electrofishing, Backpack	Juvenile	Natural	60	0			60	0
Bullhead, Brown	NA	Electrofishing, Backpack	Juvenile	Natural	60	0			60	0
Chub, Tui	NA	Electrofishing, Backpack	Juvenile	Natural	60	0			60	0

Crappie, White	NA	Electrofishing, Backpack	Juvenile	Natural	60	0	60	0
Dace, Speckled	NA	Electrofishing, Backpack	Juvenile	Natural	60	0	60	0
Sucker, Warner	Range-wide	Electrofishing, Backpack	Juvenile	Natural	40	0	40	0
Trout, Brook	NA	Electrofishing, Backpack	Juvenile	Natural	120	0	120	0

Original Location: State/Territory: OR; Warner Lakes; Twentymile Creek (Twentymile Creek sub-basin.)

Renewed Location: State/Territory: OR; Warner Lakes; Twentymile Creek (Twentymile Creek sub-basin.)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Bass, Largemouth	NA	Electrofishing, Backpack	Juvenile	Natural	60	0	60	0		
Bullhead, Brown	NA	Electrofishing, Backpack	Juvenile	Natural	60	0	60	0		
Chub, Tui	NA	Electrofishing, Backpack	Juvenile	Natural	60	0	60	0		
Crappie, White	NA	Electrofishing, Backpack	Juvenile	Natural	60	0	60	0		
Dace, Speckled	NA	Electrofishing, Backpack	Juvenile	Natural	60	0	60	0		
Sucker, Warner	Range-wide	Electrofishing, Backpack	Juvenile	Natural	40	0	40	0		
Trout, Brook	NA	Electrofishing, Backpack	Juvenile	Natural	120	0	120	0		

Original Location: State/Territory: OR; Yamhill; Agency Creek; N45.0745_ W123.6218 (Mouth of Agency Creek working upriver.)

Renewed Location: State/Territory: OR; Yamhill; Agency Creek; N45.0745_ W123.6218 (Mouth of Agency Creek working upriver.)

Species	Population	Capture Method	Lifestage	Production or Origin	Previous Anticipated Take	Previous Indirect Mortality	Reported Actual Take	Reported Indirect Mortality	Current Anticipated Take	Current Indirect Mortality
Dace, Longnose	NA	Trap, Screw	Unknown	Natural	60	0	60	0		
Dace, Speckled	NA	Trap, Screw	Unknown	Natural	60	0	60	0		
Lamprey, Pacific	NA	Trap, Screw	Unknown	Natural	30	0	30	0		
Lamprey, Western brook	NA	Trap, Screw	Unknown	Natural	5	0	5	0		
Pikeminnow, Northern	NA	Trap, Screw	Unknown	Natural	60	0	60	0		
Salmon, coho	Unspecified	Trap, Screw	Juvenile	Natural	30	0	30	0		

Salmon, coho	Unspecified	Weir (only if associated with fish handling)	Spawned Adult/ Carcass	Natural	60	0	60	0
Shiner (unknown)	NA	Trap, Screw	Unknown	Natural	60	0	60	0
Steelhead	Upper Willamette River	Trap, Screw	Juvenile	Natural	30	0	30	0
Sucker (unknown)	NA	Trap, Screw	Unknown	Natural	60	0	60	0
Trout, Cutthroat	Oregon Coast	Trap, Screw	Juvenile	Natural	60	0	60	0

Status

Application Status: Application Complete
Date Submitted: October 10, 2013
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Last Date Archived: July 10, 2014

• 4d Rule coverage

Current Status: Issued **Status Date:** March 25, 2014
Expire Date: December 31, 2014

Analyst Information:

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• Oregon Scientific Taking Permit for Fish and Marine and Freshwater Invertebrates

Current Status: Issued **Status Date:** July 10, 2014
Expire Date: December 31, 2014

Modification Requests

This section is currently empty.

Reports

Report Required

Nbr	Report Type	Report Period		Date Due	Status	Date Received
		Start Date	End Date			
1	Annual-Year End	01/01/2014	12/31/2014	01/31/2015	N/A	

