



Upland Fin-Fish Hatchery and Rearing Application

Notice of Intent

NOI Version: 1

Application Type: ☐ New ☒ Renewal

Permit Number: WAG131049

Application Id: 29878

I. Contact Information

Legal Responsible Party		
Honorific:	First Name: Kelly	Last Name: Susewind
Organization Name: WDFW		Title: Director
Mailing Address: PO Box 43200		
City: Olympia	State: WA	Zip Code: 98504-3200
Email:		
Primary Phone: 360-902-2200	Secondary Phone:	
UBI Number:		
Permittee		
Honorific:	First Name:	Last Name:
Organization Name: WDFW		Title:
Mailing Address: PO Box 43200		
City: Olympia	State: WA	Zip Code: 98504-3200
Email:		
Primary Phone: 360-902-2200	Secondary Phone:	
UBI Number:		
Site Contact		
Honorific:	First Name: Robert	Last Name: Allan
Organization Name: WDFW		Title: Hatchery Ops Manager Region 6
Mailing Address: 1986 State Route 6		
City: Raymond	State: WA	Zip Code: 98577-9329
Email: Robert.Allan@dfw.wa.gov		
Primary Phone: 360-249-1204	Secondary Phone:	
UBI Number:		
Site Contact		
Honorific:	First Name: John	Last Name: Larson
Organization Name: WDFW		Title: Fish Hatchery Specialist 4
Mailing Address: 1986 State Route 6		
City: Raymond	State: WA	Zip Code: 98577-9329
Email: john.larson@dfw.wa.gov		
Primary Phone: 360-484-7716	Secondary Phone:	
UBI Number:		

II. Facility Information

Facility Name: Forks Creek Hatchery

Street Address: 1986 STATE ROUTE 6

City: RAYMOND

County: Pacific

Zip Code: 98577

Latitude: 46.558048

Longitude:

In the last five years, has the facility been remodeled, upgraded, or expanded?

☒ Yes ☐ No

Was notice given to Ecology?

☒ Yes ☐ No

Date submitted

10/14/2019

Was an engineering report required for the modification?

☐ Yes ☒ No

Date submitted

Being Drafted ☐

III. Rearing Facility

Rearing Facility Type	Quantity
Raceway (permanent)	8
Raceway (temporary)	8
Rearing pond (>2 hr detention)	1
Adult holding basin or raceway	4
Incubator stacks	704
Troughs for rearing fry	7
Unlined structures	1

IV. Other Permits/Registration

None

V. Water Sources (Intakes)

Intake Number	Intake Name	Water Source Name	Intake Type	Latitude	Longitude
IN1	Forks Creek	Fork Creek	Surface water	46.55659103 39355	- 123.5942993 16406

VI. Discharge/Receiving Water

Location of Discharge (Outfall Location)

Outfall Number	Outfall Description	Surface Waterbody Name	Outfall Type	Latitude	Longitude
001	Forks Creek	Fork Creek	Surface Water Body	46.55805587 76855	- 123.5962142 94434
003	Offline Settling Basin	Fork Creek	Surface Water Body	46.55850982 66602	- 123.5946807 86133

Location of Discharge/Sampling Location (Monitoring Points)

Monitoring Point Code	Monitoring Point Name	Monitoring Point Type	Outfall Number	Active	Latitude / Longitude
PROD	Production Related Parameters	Calculated	001	Yes	46.55805587 76855 - 123.5962142 94434
LIM	Limit Net	Rearing Pond/Raceway Discharges	001	Yes	46.55805587 76855 - 123.5962142 94434
EF	Effluent Values when net limits used	Rearing Pond/Raceway Discharges	001	Yes	46.55805587 76855 - 123.5962142 94434
DIS	Rearing Vessel Disinfection	Rearing Vessel Disinfection	001	Yes	46.55805587 76855 - 123.5962142 94434
DR	Drawdown for Fish Release	Drawdown	001	Yes	46.55805587 76855 - 123.5962142 94434
IN1	Intake Forks Creek	Intake - Surface Water	IN1	Yes	46.55659103 39355 - 123.5942993 16406
OFF	Offline Settling	Offline settling basin discharges	003	Yes	46.55850982 66602 - 123.5946807 86133

VII. Treatment Information

Water and Wastewater Treatment Systems Information

Chapters 90.48 and 90.54 RCW require that all discharges discharging to waters of the state use All Known, Available, and Reasonable Treatment (AKART) methods to prevent and control pollution. All known, available, and reasonable treatment for the upland fin-fish hatching and rearing industry has been determined to be settling for a minimum of 60 minutes of the entire facility's wastewater prior to discharge or the inline settling of solids with periodic removal by vacuuming or similar techniques to an offline settling basin with a detention time of 24 hours or more.

Indicate the type of effluent treatment provided at this facility.

In-line settling basins

Do any rearing units discharge through the in-line settling basin?

☐ Yes ☒ No

If yes, explain:

Offline settling basins

Does the facility use an offline settling basin for wastes from cleaning raceways?

☒ Yes ☐ No

If yes, provide the following information:

Overflow rate (gpd per sq ft): 0

Basin size: Length: 75.0 ft Width: 12.0 ft Depth: 10.0 ft

Is there a mechanism to block discharge of floating material? ☐ Yes ☒ No

Estimate the number of discharges from offline settling basin per year: 60.0

Construction of offline settling basin

Liner Material	Thickness	Year Constructed
Concrete	<input checked="" type="checkbox"/> 6 inches	2013
Asphalt	<input type="checkbox"/> inches	
Clay or Earthen	<input type="checkbox"/> inches	
Plastic PVC/HDPE/other	<input type="checkbox"/> mils	

How many times per year are these cleaned? 0.5

If an offline settling basin is used for cleaning wastes, is there a quiescent zone at the end of the last raceway or rearing pond in each series? ☒ Yes ☐ No

If yes, explain:

Sump area has 3 feet of quiescent area behind screens.

Rearing pond and raceway cleaning process

How many times per year are ponds cleaned? Not Applicable

How many times per year are raceways cleaned? 57

Methods of cleaning:

Vacuum

What is done with the removed solids?

Pumped to OSB

Are ponds cleaned before fish release? ☒ Yes ☐ No

Does this facility have a permit from the local Health District for solids disposal? ☐ Yes ☒ No

If yes, explain:

Other wastes

Are any liquid or solid wastes discharged to ground? ☐ Yes ☒ No

If yes, explain:

Are any wastes (other than domestic sewage) discharged to a septic system? ☐ Yes ☒ No

If yes, explain:

Are any solids or wastes (other than domestic waste) discharged to a publicly owned treatment works (POTW)? ☐ Yes ☒ No

If yes, name of POTW:

Are wastes discharged to any other waste treatment system? ☐ Yes ☒ No

If yes, explain:

Water

Provide the following information on water sources used by the facility for rearing fish.
Indicate the types of water sources used at the facility:

Springs ☒
Stream ☒
Surface water ☐
Well ☐
Other ☐

Are flows measured at source?

☐ Yes ☒ No

If yes, explain:

Are flows measured at outlet?

☒ Yes ☐ No

If yes, explain:

Measured at outlet

Are flows measured at other?

☐ Yes ☒ No

If yes, explain:

VIII. Production Information

Production and Process Information

Fish Production

Fill in the following table for the highest production expected in the next five years. List the maximum amount of fish on hand and the maximum amount of food fed per month for the year of maximum production.

Month	Fish (pounds)	Food (pounds)	Month	Fish (pounds)	Food (pounds)
January	51486	10045	July	9300	2107
February	63264	8747	August	11593	2018
March	74949	10976	September	19190	5538
April	92221	12143	October	23664	4522
May	15111	6106	November	36000	10043
June	6814	1326	December	43417	4933

List your maximum amount of fish on hand in one month from your 2015 application:

92221

Have you expanded or changed production or do you anticipate a production expansion from your initial application (or since 1995)?

☒ Yes ☐ No

If yes, explain:

Coho production has increased from 300,000 to approximately 600,000 release for SRKW.

Method of feeding:

Estimate the percent of food fed using that method.

Hand Feed Percent	Automatic Timed Feed Percent	Automatic Demand Feed Percent
100	0	0

Other Processes

Does this facility process fish for market at this location?

☐ Yes ☒ No

Are fish spawned on-site?

☒ Yes ☐ No

Describe wastes generated as a result of on-site spawning: (For example, blood, anesthetics, disinfectants, carcasses.)

Blood, tissues, carcasses

Describe how spawning wastes are handled:

Blood and tissues flow directly into river. Carcasses are removed/disposed.

IX. State Environmental Policy Act (SEPA)

This Notice of Intent (NOI) is incomplete and cannot be approved until the applicable SEPA requirements under Chapter 197-11 WAC are met.

SEPA and Public Notice sections apply only to facilities that began operations after August 1, 2021. If the facility began operations before this date, these sections do not need to be filled out.

X. Public Notice

Public Notice applies to facilities that began operations on or after August 1, 2021.

You must publish a public notice at least **once** a week for **two** consecutive weeks with **seven days** between publications, in at least a **single** newspaper of general circulation in the county in which the facility is located. Ecology cannot grant permit coverage sooner than the end of the 30-day public comment period, which begins on the date of the **second** public notice.

Newspaper Name	First Public Notice Date	Second Public Notice Date

XI. Certification of Permittees

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Permittee Signature

9/21/2020

Date