



Upland Fin-Fish Hatchery and Rearing Application

Notice of Intent

NOI Version: 1

Application Type: ☐ New ☒ Renewal

Permit Number: WAG133002

Application Id: 29883

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: Mr.	First Name: Mike	Last Name: Wilson
Organization Name: WDFW		Title: Fish Hatchery Specialist 4
Mailing Address: 13030 SE Auburn Black Diamond Rd		
City: Auburn	State: WA	Zip Code: 98092-9206
Email: michael.wilson@dfw.wa.gov		
Primary Phone: 253-797-9467	Secondary Phone:	
UBI Number:		
Site Contact		
Honorific:	First Name: Brodie	Last Name: Antipa
Organization Name: WDFW		Title: Regional Operations Manager
Mailing Address: 13030 SE Auburn Black Diamond Rd		
City: Auburn	State: WA	Zip Code: 98092-9206
Email: Brodie.Antipa@dfw.wa.gov		
Primary Phone: 253-931-3928	Secondary Phone:	
UBI Number:		

II. Facility Information

Facility Name: Palmer Ponds

Street Address: 32915 SE 309TH ST

City: PALMER

County: King

Zip Code: 98051

Latitude: 47.323486

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

Was an engineering report required for the modification?

☐ Yes ☐ No

Date submitted

Being Drafted ☐

III. Rearing Facility

Rearing Facility Type	Quantity
Circular pond	4
Rearing pond (<2 hr detention)	2

IV. Other Permits/Registration

None

V. Water Sources (Intakes)

Intake Number	Intake Name	Water Source Name	Intake Type	Latitude	Longitude
IN1	4 Springs	4 Springs	Groundwater	47.32374954 22363	- 121.9030609 13086

VI. Discharge/Receiving Water

Location of Discharge (Outfall Location)

Outfall Number	Outfall Description	Surface Waterbody Name	Outfall Type	Latitude	Longitude
001	Spring Creek	Green R	Surface Water Body	47.32420730 59082	- 121.9041137 69531
001	Spring Creek	Green R	Surface Water Body	47.32420730 59082	- 121.9041137 69531
003	Green River	Green River	Surface Water Body	47.32273864 74609	- 121.9015731 81152

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	47.32420730 59082 - 121.9041137 69531

LIM	Limit Net	Rearing Pond/Raceway Discharges	001	Yes	47.32420730 59082 - 121.9041137 69531
EF	Effluent Values when net limits used	Rearing Pond/Raceway Discharges	001	Yes	47.32420730 59082 - 121.9041137 69531
DIS	Rearing Vessel Disinfection	Rearing Vessel Disinfection	001	Yes	47.32420730 59082 - 121.9041137 69531
DR	Drawdown for Fish Release	Drawdown	001	Yes	47.32420730 59082 - 121.9041137 69531
PROD	Production Related Paramters	Calculated	003	Yes	47.32273864 74609 - 121.9015731 81152
LIM	Limit Net	Rearing Pond/Raceway Discharges	003	Yes	47.32273864 74609 - 121.9015731 81152
EF	Effluent Values when net limit used	Rearing Pond/Raceway Discharges	003	Yes	47.32273864 74609 - 121.9015731 81152
DR	Drawdown for Fish Release	Drawdown	003	Yes	47.32273864 74609 - 121.9015731 81152
DIS	Rearing Vessel Disinfection	Rearing Vessel Disinfection	003	Yes	47.32273864 74609 - 121.9015731 81152
N	AO 17969 Nutrients Green River	Surface Water	003	Yes	47.32273864 74609 - 121.9015731 81152
T	AO 17969 Temp Green River	Surface Water	003	Yes	47.32273864 74609 - 121.9015731 81152

IN1	Intake 4 Springs	Groundwater	IN1	Yes	47.32374954 22363 - 121.9030609 13086
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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:

Inline Settling,
Rearing ponds with a minimum hydraulic retention time of two hours

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):

Basin size: Length: ft Width: ft Depth: ft

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

Estimate the number of discharges from offline setting basin per year:

Construction of offline settling basin

Liner Material	Thickness	Year Constructed
Concrete	<input type="checkbox"/> inches	
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?

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:

Rearing pond and raceway cleaning process

How many times per year are ponds cleaned? 26

How many times per year are raceways cleaned? Not Applicable

Methods of cleaning:

NA

What is done with the removed solids?

NA

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:

Flows are measured at outflows of ponds.

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	74000	22000	July	30500	9000
February	48000	14000	August	41000	10000
March	15000	6000	September	47000	12000
April	21500	10000	October	52000	13500
May	37500	13038	November	58500	15000
June	42225	13328	December	68000	18500

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

51000

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:

Increased 1M production of Chinook and 1.7M Coho.

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.)

Minimal iodine use, minimal blood. Carcasses.

Describe how spawning wastes are handled:

Nutrient enhancement, carcasses returned to creek.

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
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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