

Clean Water Act (CWA) Inspection Report

Inspection Entry Date/Time	07/30/2024 1:30PM (PST)	Announced: Yes		
Inspection Exit Date/Time	07/30/2024 4:15PM (PST)	Access: Granted		
Weather	Sunny, 80° F			
Media/Statute(s)/Program(s)	Water, Clean Water Act, NPDES, Aquaculture General Permit (IDG133000)			
Type of Inspection	CEI - Compliance Evaluation Inspection			
Facility Name	Dworshak National Fish Hatchery			
Physical Address	4147 Ahsahka Road			
City/State/Zip Code	Ahsahka, Idaho			
County/Borough/Parish	Clearwater County			
Facility GPS Coordinates	46.502236 N -116.322966 W			
Facility Mailing Address	276 Dworshak Complex Drive			
City/State/Zip Code	Orofino, Idaho 83544			
Phone:	(208) 791-1106			
EPA Permit Tracking #	IDG133001			
FRS ID	110070686957			
Inspection Contacts:				
Organization	Name	Title	Present in Opening Conf.	Present in Closing Conf.
EPA Region 10	Jon Klemesrud	Lead Inspector	Yes	Yes
Dworshak National Fish Hatchery	Jeremy Sommer	Hatchery Manager	Yes	Yes
Dworshak National Fish Hatchery	Lautiss Shebala	Assistant Hatchery Manger	Yes	No
U.S. Army Corps of Engineers	Matthew (Matt) Carlock	Environmental Contact	Yes	Yes
U.S. Army Corps of Engineers	Casey Sweeney	Chief of Tech	No	Yes
EPA Inspector Signature/Date	JON KLEMESRUD		Digitally signed by JON KLEMESRUD Date: 2024.10.17 12:48:41 -07'00'	
	Jon Klemesrud, FDDWES			
Supervisor Signature/Date	PETER CONTRERAS		Digitally signed by PETER CONTRERAS Date: 2024.10.17 13:37:28 -07'00'	
	Peter Contreras, Chief FDDWES			

This inspection report is based on information supplied by conversations with Jeremy Sommer, Lautiss Shebala, Matthew Carlock, Casey Sweeney or direct observations made at the time of the inspection. This inspection report may also include information gathered from a review of EPA and/or public records.

SECTION I – INTRODUCTION

Facility Description

The Dworshak National Fish Hatchery (hereinafter referred to as the “Facility”) is a mitigation hatchery located at the confluence of the North Fork and mainstem of the Clearwater River, 3 miles west of Orofino, Idaho. The Facility was constructed in 1969, as is part of the Dworshak Fisheries Complex, which includes the Dworshak and Kooskia National Fish Hatcheries, and the Idaho Fish and Wildlife Conservation Office.

The Facility footprint is within the Nez Perce Reservation of the Nez Perce Tribe of Indians. The Facility produces Steelhead trout, Chinook Salmon, and Coho salmon to mitigate for habitat lost due to the construction of the Dworshak Dam lower Snake River dams. In 2023, the Facility reported production values of 450,010 pounds.

The Facility is owned by the U.S. Army Corps of Engineers (USACE) and currently operated by the Nez Perce Tribe. There are currently 25 employees, including 5 maintenance staff and 5 administration staff.

The Facility includes 65 Burrows ponds, 2 mixed-call rearing units, and 30 raceways for rearing summer Steelhead trout, Spring Chinook, and Coho Salmon. Four ponds are utilized for holding adult brood stock. There are four circular tanks located adjacent to the off-line settling basin (OLSB) that are used to hold and re-condition adult steelhead after spawning. Juvenile rearing facilities include 124 nursery tanks and 116 vertical incubation stacks with 1,740 trays.

Influent sources at the Facility include both reservoir water and river water. Reservoir water is brought to the Facility from two supply lines (two depths) within the Dworshak Reservoir. The primary supply line can be adjusted within the reservoir to allow warmer water to be selected. Reservoir water is generally used from May – July. River water is pumped to the North Fork Clearwater River.

Effluent sources from the Facility include discharges from operations that come in direct contact with fish, storm water, condensation from non-contact cooling systems, and/or influent (raw) water overflow. Discharges from these effluent sources are routed to the North Fork Clearwater River via Outfall 001 and Outfall 002, as well as to the mainstem of the Clearwater River via Outfall 003 and Outfall 004. Depending on upon operating conditions, discharges may flow continuously, intermittently, or have no flow.

Permit Information

The Facility is permitted under EPA’s NPDES General Permit for Aquaculture Facilities Located in Indian Country (IDG133000), with the assigned tracking number IDG133001. The Permit authorizes the discharge of pollutants resulting from the Facility’s operation, processes, and waste streams to both the North Fork and mainstem of the Clearwater River. The current Permit became effective on December 1, 2019, and is set to expire on November 30, 2024.

On May 22, 2024, the facility submitted a timely, renewed Notice of Intent (NOI) which was deemed complete by EPA on May 23, 2024. Coverage under the existing permit will remain effective and enforceable until EPA grants or denies an NOI for coverage under a new permit. See **Attachment A**, 2024 NOI, and **Attachment B**, Reauthorization Letter. Monitoring parameters required include Total Suspended Solids (TSS), Total Phosphorus, Flow and Total Residual Chlorine (as applicable).

Inspection/Compliance History

According to EPA records, there has been no recent compliance inspection activity.

Entry and Inspection Chronology

This was an announced inspection. On July 23, 2024, I spoke with Mr. Jeremy Sommer, Hatchery Manager with the Dworshak National Fish Hatchery. During the phone call, I discussed that I had been asked to conduct an on-site Clean Water Act inspection at the Facility to assess compliance with the EPA-issued NPDES Aquaculture Permit #IDG133000. Mr. Sommer welcomed the inspection and we agreed on an inspection date of July 30, 2024. To assist in coordinating with others as needed, I followed up with an email to Mr. Sommer outlining the purpose and expectations of the inspection.

On the day of the inspection, I arrived at the main visitor center at the Dworshak National Fish Hatchery at approximately 1:30PM. I was greeted by Mr. Sommer as well Mr. Matthew (Matt) Carlock, who representing the USACE. We were then joined by Ms. Lautiss Shebala, Assistant Hatchery Manager for the Dworshak National Fish Hatchery.

This inspection consisted of an opening conference, Facility walk-through, records review, and concluded with a closing conference.

For the opening conference, we had initial introductions, I presented my EPA inspector credentials and restated the purpose and scope of the inspection. Mr. Sommer and Ms. Shebala then provided a brief background on operations and management responsibilities. The opening conference was held within a conference room area on the 2nd floor of the visitor center/office building.

Following the opening conference, we were joined by Mr. Casey Sweeney, who was also representing the USACE. We had initial introductions and I recapped portions of the opening conference to Mr. Sweeney, and we continued with the walk-through. During the walk-through we observed the various Facility components and waste streams, including the river intake structure, ponds, rearing units, fish ladder, raceways, clarifiers, offline settling basin (OLSB), filter beds, nurse area, storm drains, material/chemical storage areas and outfalls.

During the closing conference I discussed my observations, potential compliance concerns and next steps, including the inspection report and compliance review process. I was accompanied throughout the inspection by Mr. Sommer and Mr. Carlock. Ms. Shebala was present only for the opening conference; Mr. Sweeney was present for the Facility walk-through and closing conference.

Photographs taken during the inspection are attached to this inspection report as **Attachment C**, Photograph Log.

SECTION II – OBSERVATIONS

Site Review

At the time of inspection, the Facility was holding Spring Chinook and Coho Salmon and Steelhead trout. Spring Chinook occupied approximately 17 of the 30 raceways, 13 ponds were occupied with Steelhead trout and 5-6 ponds were occupied with Coho Salmon. A portion of the Facility was under active construction as the steelhead release pipe (Outfall 004) was being replaced along the mainstem Clearwater River. The release pipe was previously corrugated and was being replaced with a smooth concrete piping.

The Facility's ponds holding facilities are separated into three separate systems (System I, System II, System III). Mr. Sommer discussed the Facility's design via a conveyance map posted on the wall of his office (**Photo 1**).

System I consists of 25 burrow ponds with a maximum influent flow rate of 20,500 gallons per minute (gpm). Two standpipes allow water to be routed to eight possible clarifier cells within System I (discharging to the North Fork Clearwater River via Outfall 001) or discharge directly to the Clearwater River via Outfall 004. Six of the eight clarifier cells are generally for the outside rearing units, the other two clarifier cells are utilized for the indoor nursery. Each clarifier is 75 feet long, 22 feet wide and 6 feet deep. An Envirex chain and scraper sludge collector with a screw-type cross collector for drawing off sludge is installed in each clarifier. Sludge is directed to one of two digesters. Removed solids are transported to the drying beds located adjacent to the OLSB. Solids are hauled to the local landfill approximately every 10 years. Pond cleaning occurs by manually sweeping the ponds, a mechanical scrubber is used between rearing cycles and after the fish in the unit have been released. Cleaning is conducted one to five days per week. After sweeping, the pond flushes until the discharge water runs clean.

System II consists of 25 burrow ponds with a maximum flow rate of 21,500 gpm. Two sandpipes allow water to be discharged to the Clearwater River via Outfall 004, or to the North Fork Clearwater River via the ladder and attraction channel (Outfall 002). There are four bio-filters utilized in System II as clarifiers/settling basins. An automated system is utilized to pump off the supernatant to discharge to Outfall 002 each evening to allow for cleaning the following day. Concentrated sludge/sludge solids from the clarifiers/settling basins are pumped to the OLSB and eventually to the adjacent drying beds. Cleaning is conducted similar to System I.

During recent operations, System III is rarely used for fish holding; however, due to the release pipe construction project, System III was holding fish normally contained within System II at the time of inspection. System III consists of 34 burrow ponds with a maximum flow rate of 29,000 gpm. The system is operated on single pass river water pumped from the North Fork Clearwater River. System III ponds have one standpipe that directs flow through water to the Clearwater River via Outfall 004 or to the North Fork Clearwater River via the ladder and attraction channel (Outfall 002). There are six bio-filters utilized in System III as clarifiers/settling basins. Like System II, an automated system is utilized to pump off the supernatant to discharge to Outfall 002 each evening to allow for cleaning the following day. Cleaning waste is transported to the System III clarifiers/settling basins prior to discharging to the OLSB and eventually to the adjacent drying beds. Cleaning of System III is conducted similar to System I and System II.

The Facility's raceway system consists of 30, 8' x 80' raceways operating in a single-pass or reuse configuration depending on the state of fish rearing. Flow-through water is discharged into the North Fork Clearwater River via Outfall 002. Standpipe plates are used on two raceways and mud valves are used on the other 28 raceways. Cleaning waste is routed to the OLSB via sump pumps.

The Facility's nursery system consists of 124 rectangular nursery tanks with a maximum flow rate of 4,500 gpm. The nursery operates generally late January or early February, through early September. The nursery operates on single-pass reservoir water that may be heated. Flow enters one end of the tank and discharges out the opposite end. Wastewater is discharged to the nursery and System I clarifiers prior to being discharged to the North Fork Clearwater River via Outfall 001. The incubation room is operated from January through June for steelhead egg incubation, August through April for incubation of spring Chinook salmon eggs, and October through April for incubation Coho salmon eggs. There are 116 stacks of 16 trays, where cleaning wastes from the incubation room discharge into drains to a collection channel and directly into the North Fork Clearwater River.

There are four adult holding ponds. Water from holding ponds, 1, 2, and 3 flows into the Facility's attraction channel, and discharge water from the 4th holding pond (holding pond 9) discharges to the ladder. The attraction channel and ladder converge and discharge to the North Fork of the Clearwater River via Outfall 002.

Chemicals used for Facility operations include AQUI-S 20E, Carbon Dioxide, Thloramine T, Chorine, Formalin, Ovadine, Ovaplant-L, Propoly Aqua/Kordon, Sodium Chloride, Sodium Thiosulfate, Virkon. Usage is reported annually within the annual reports.

Walk-Through Observations:

Location: Raw Water Intake & Northern Facility Areas

Observation #: OB-001

We began the Facility walk-through as we left the main office building and walked to the northern portion of the Facility. We observed the source water intake structure from the Nork Fork Clearwater River (**Photo 2**). Mr. Sommer discussed that River water is pumped from the North Fork Clearwater River using six pumps rated at 11,500 gpm. Four pumps were being utilized at the time of inspection (approximately 46,000 gpm). It was discussed that water intake screens are inspected daily when in operation. The Facility was also receiving 10,500 gpm from the reservoir, which would be concluded for the year in the coming week(s). Reservoir water lines enter the Facility beneath the public parking lot on the northeast side of the Facility.

We then observed/discussed the associated water treatment facility and backup generator associated with the raw water facilities. We continued west and observed the nursery head tank, digesters and clarifer units associated with System I and the nursery (**Photo 3, Photo 4**). We observed Outfall 001 discharging to the North Fork Clearwater River (**Photo 5**). Outfall 001 discharges effluent from the System I and nursery clarifiers.

We continued southwest and observed the fish ladder and Outfall 002 (**Photo 6, Photo 7**). Mr. Sommer discussed the sampling location and procedure for Outfall 002, located along the walkway as Outfall 002 discharges to the North Fork Clearwater River (**Photo 8**). Outfall 002 can be utilized for the System II and System III Ponds including flow through water.

Location: OLSB, Outfall 003, Outfall 4 & Southern Facility Areas

Observation #: OB-002

We continued the tour to the southern portions of the Facility. Southwest of the fish ladder we observed the OLSB and sump pump wet well associated with the OLSB (**Photo 9, Photo 10**). Concentrated sludge/solids from the clarifiers are pumped to the OLSB as needed. Adjacent to the OLSB, the drying beds were also observed. Mr. Sommer discussed that solids from the drying beds were last removed approximately 10 years ago. We then travelled to Outfall 003, which was discharging at the time of inspection (**Photo 11**). The walk-through continued along the southern portion of the Facility as we observed the numerous overflow pipes along the bank of the mainstem Clearwater River (**Photo 12**). No discharge was observed from the overflow pipes.

We continued east along the southern perimeter and Formalin/chemical storage area (**Photo 13**) and observed the construction project for the new steelhead release pipe/Outfall 004, including the sampling location for Outfall 004 (**Photo 14 – Photo 16**). The walk-through concluded after viewing the System II ponds (**Photo 17**) and stormwater areas/discharge near the laboratory building.

SECTION III – Records Review

The following records were reviewed as part of the inspection:

Record: Discharge Monitoring Reports (DMRs) & Monitoring Data

Ref #: RR-001

As discussed earlier in this report, the Facility is subject to monitoring for Total Suspended Solids (TSS), Total Phosphorus, Flow and Total Residual Chlorine (as applicable). As outlined in the permit, monitoring frequency is based upon the harvestable production weight, which is quarterly for facilities with production of 100,000 – 500,000 lbs).

Prior to the inspection, I reviewed monthly DMR's that were submitted over the past 5-years (July 2019 – June 2024). This was also completed by a review of an exceedance report generated by EPA's Integrated Compliance Information System (ICIS). The DMR review noted 6 occurrences of total Phosphorus exceedances. Exceedances were reported for the months of November 2022, June 2023, August 2023, January 2024, and May 2024. Based upon the monthly averages reporting, the 6 occurrences equate to 154 exceedances (**Attachment D**).

At the time of inspection, it was discussed that influent/effluent samples for permit compliance are collected monthly. Composite samples include four grab samples, with no fewer than 30-min between each sample. Samples are generally collected by Ms. Shebala or Mr. Sommer and are stored on ice prior to be hand delivered to Anatek Laboratories, Inc. in Moscow, Idaho. The Facility maintains bench sheet sample data, chain-of-custody records, results of analyses, and the corresponding DMR for each monitoring event. Laboratory results including chain-of-custody documentation is also submitted to EPA with the corresponding DMR. As a subsample, months reviewed included July 2021, November 2022, November 2023, and April 2024.

Record: Annual Reports, Chemical Usage Logs, Production Numbers, Non-Compliance Reports

Ref #: RR-002

Prior to the inspection, I reviewed annual report submittals, including reports for 2023, 2022, 2021, and 2020. Annual reports were received prior to the due date and contained all the required elements including production information, BMP review certification, land application/irrigation information, non-compliance summary, chemical usage, and inspection schedule.

During my review it was noted that the 2021 Annual Report included a non-compliance incident report that occurred on June 2, 2021. Due to operator error, cleaning waste was discharged from three System III burrow ponds through the "attraction channel" and into the North Fork Clearwater River without treatment. According to the non-compliance report (**Attachment E**), the discharge occurred for 45 minutes. In addition to being included in the annual report, the non-compliance report was submitted to EPA on June 6, 2021.

On-site, the Facility maintains annual production/release records, mortality records, chemical storage/usage logs, Investigational New Animal Drug (INAD) records, OLSB waste removal records. Records management was discussed and reviewed at the time of inspection.

Record: Best Management Practices (BMP) Plan, Quality Assurance Plan (QAP)

Ref #: RR-003

At the time of the inspection, I requested to review the permit-required BMP Plan and QAP. Mr. Sommer provided me with a copy of each and the documents were reviewed post-inspection. The Facility's QAP was last updated/reviewed on January 17, 2024. The Facility's BMP Plan was current as of January 2024. The BMP Plan and QAP were well documented and met the minimum requirements outlined within the permit.

SECTION IV– SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

No sampling was conducted for this inspection.

SECTION V - AREAS OF CONCERN

The presentation of Area(s) of Concern (AOC) does not constitute a formal compliance determination or violation. The following AOC was identified during the inspection:

AOC Reference #: AOC-001	Effluent Limit Exceedances
Regulation and/or Permit Requirement: Section IV.1 of the permit states that “the Permittee must comply with the effluent limits in the tables at all times unless otherwise indicated, regardless of the frequency of monitoring or reporting required by other provisions in this permit.” Table 2 states the requirements for facilities with annual harvest/production values of 100,000 – 500,000 lbs (with no applicable TMDL). Table 2 lists an average monthly limit of 0.10 mg/L for Net Total Phosphorus and a maximum daily limit of 0.16 mg/L for Total Phosphorus. As discussed earlier within this report, prior to the inspection, I reviewed monthly DMRs that were submitted over the past 5-years (July 2019 – June 2024). This was also completed by a review of an exceedance report generated by EPA’s Integrated Compliance Information System (ICIS). The DMR review noted 6 occurrences of total Phosphorus exceedances. Exceedances were reported for the months of November 2022, June 2023, August 2023, January 2024, and May 2024. Based upon the monthly averages reporting, the 6 occurrences equate to 154 exceedances (Attachment D).	
AOC Reference #: AOC-002	June 2, 2021, Unanticipated Bypass to Outfall 002
Regulation and/or Permit Requirement: Section IX.F.3. of the permit discusses the prohibition of bypass. As discussed earlier in this report, on June 2, 2021, cleaning waste was discharged from System III burrow ponds without treatment (Attachment E). Reporting occurred as required by the permit.	

SECTION VI – CLOSING CONFERENCE

Closing Conference

Following the Facility walk-through and records review, a closing conference was held with Mr. Sommer, Mr. Carlock and Mr. Sweeney where I discussed my general observations and potential area of concerns. I then thanked everyone for their time and cooperation with the inspection and departed the Facility.

SECTION VII – LIST OF APPENDICES

Attachment A – Notice of Intent

Attachment B – 2024 Reauthorization Letter

Attachment C – Photograph Log

Attachment D – Integrated Compliance Information System (ICIS) Exceedance Report

Attachment E – June 2, 2021, Non-Compliance Summary

ATTACHMENT A

Notice of Intent (NOI)

Details

Compare

Print

NPDES FORM 6100-034		UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 10 1200 SIXTH AVENUE, SUITE 900 SEATTLE, WASHINGTON 98101 NOTICE OF INTENT (NOI) FOR NPDES PERMIT COVERAGE UNDER AQUACULTURE FACILITIES LOCATED IN INDIAN COUNTRY IN IDAHO (IDG133000)	Form Approved. OMB No. 2040-0004 Exp. 07/31/2026
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Permit Information

Master Permit Number

IDG133000

NPDES ID:

IDG133001

Public Availability of Information Submitted on and with General Permit Reports

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the NPDES eReporting Help Desk (NPDESeReporting@epa.gov (mailto:NPDESeReporting@epa.gov)) for further guidance. Please note that your permitting authority may contact you after you submit this notice for more information.

Burden Statement

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations (40 CFR 122.28(b)(2)). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information is estimated to average 1 hour per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Eligibility Information

State/territory where your facility is located:

ID

Is your facility located on Indian Country lands?

Yes

Indian Country Land:

NEZ PERCE RESERVATION

Are you a Federal Operator?

Yes

By indicating "Yes" below, I confirm that I understand a facility is authorized to discharge to receiving waters of the United States within the State of Idaho in Indian Country under this General Permit after obtaining written authorization from EPA (see the provisions of Part II.A).

Yes

Does your facility discharge into the Upper Snake-Rock subbasin?

No

Is your facility a cold and/or warm water concentrated aquatic animal production (CAAP) facility as defined in 40 CFR 122.24?

Yes

Have discharges from your facility been previously covered under a different NPDES permit?

Yes

Please provide the NPDES ID of your previous NPDES permit coverage:

IDG131003

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations (40 CFR 122.28(b)(2)). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information is estimated to average 1 hour per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Operator Information

Operator Name:

Nez Perce Tribe

Operator Organization's Mailing Address:

Address Line 1: 276 Dworshak Complex Drive

Address Line 2:

City: Orofino

ZIP/Postal Code: 83544

State: ID

County or Similar Division: IDAHO

Point of Contact Information

Facility Contact Type:

Primary Facility Contact

First Name

Middle Initial

Last Name:

Jeremy

M

Sommer

Title:

Hatchery Manager

Phone:

208-791-1106

Ext.:

Email:

jeremy_sommer@fws.gov

Facility Contact Type:

Operator

First Name Middle Initial Last Name: Russell , Brotnov

Title: Maintenance Supervisor

Phone: 208-507-2303 Ext.:

Email: russell_Brotnov@fws.gov

Facility Contact Type: Alternative Facility Contact

First Name Middle Initial Last Name: Chris , Foster

Title: Hatchery Coordinator

Phone: 208-702-3816 Ext.:

Email: christopher_w_foster@fws.gov

Is your facility owned by a different entity? Yes

Owner Name: U.S. Army Corps of Engineers

Owner Contact Information

First Name Middle Initial Last Name: Walla Walla District , Public Affairs

Title: U.S. Army Corps of Engineers

Phone: 509-527-7020 Ext.:

Email: cenww-pa@usace.army.mil

Facility Information

Facility Information

Facility Site Name: DWORSHAK NATIONAL FISH HATCHERY

Address Line 1: 4147 AHTAHKA ROAD (NEZ PERCE RESERVATION)

Address Line 2: City: AHTAHKA

ZIP/Postal Code: 83520 State: ID

County or Similar Division: Clearwater

Latitude/Longitude for the Facility

Latitude/Longitude: 46.502236°N, 116.322966°W

Is your facility located on Indian Country lands? Yes

➔ Indian Country Land: NEZ PERCE RESERVATION

Are you requesting coverage under this NOI as a "Federal Operator"? Yes

What is the ownership type of the facility? Federal Facility (U.S. Government)

Please Identify the Federal Land Operator: Army Corps of Engineers

Date facility was first operated (if known): 1968-10-01

Does the facility discharge to waters of the United States that have one or more Total Maximum Daily Load (TMDLs) approved by EPA? No

Facility Operations and Production Information

Commercial Fish Rearing License Number (Enter N/A if not a commercial facility): N/A

Are you primarily engaged in operating fish hatcheries or preserves? Yes

Please complete the appropriate sections given your facility's operation and production process. Aquaculture for Harvesting or Release/Stocking Purposes means an aquaculture operation that is rearing fish, fish eggs, or other aquatic animals for harvesting or release/stocking purposes. Aquaculture for Acclimation Purposes means an aquaculture operation that is holding fish or other aquatic animals on a maintenance-only diet for short-term acclimation purposes.

Aquaculture for Harvesting or Release/Stocking Purposes

The following questions only apply to an aquaculture operation that is rearing fish, fish eggs, or other aquatic animals for harvesting or release/stocking purposes. Please use the following section for describing any aquaculture operation that is holding fish or other aquatic animals on a maintenance-only diet for short-term acclimation purposes.

Does the facility contain, grow, or hold fish, fish eggs, or other aquatic animals all twelve months of the year for harvesting or for release (stocking) purposes? Yes

Please identify the type of fish or other aquatic animal that your facility contains, grows, or holds in ponds, raceways, net pens, or other similar structures (check all that apply):

☒ Cold water fish species or other cold water aquatic animals

Cold Water Fish Production

For the next 5 years, or applicable years of the permit, estimate the single calendar year of maximum monthly production of cold-water fish species or other cold-water aquatic animals for harvesting or release (stocking) purposes. Provide the maximum monthly amount of fish or other aquatic animals (e.g., harvest weight) on-site for that calendar year and the maximum monthly amount of food for the year of maximum production by harvest weight. If fish or other aquatic animals are released rather than harvested, list the estimated weight at time of release.

Year of Maximum Production:
Year 5

Month	Max Monthly Amount of Aquatic Animal Production (lbs)	Max Monthly Amount of Feed (lbs)
Jan	396600	65750
Feb	443300	77370
Mar	501840	97120
Apr	540000	41220
May	11000	8850
Jun	29900	13550
Jul	47200	18270
Aug	103100	27140
Sep	137600	35370
Oct	206500	55400
Nov	258000	58700
Dec	326500	63000

Aquaculture Unit Type

Describe each type of aquaculture production unit that will be used at your facility at any time during the next 5 years, or applicable years of the permit, for harvesting or for release (stocking) purposes. Separately identify units that are concrete lined versus earthen-bottomed units.

ID: 001

Aquaculture Unit Type: Flow-through System

Aquaculture Unit Description: Raceways 80' x 8' x 2.5-3.0', vol ~ 52 cu meters, flows 700-1100 GPM, 3.5 turnovers/hr @ 750 GPM

Max No. of Aquaculture Unit Type in Use: 30

Is this a new or existing aquaculture unit?: Existing

ID: 005

Aquaculture Unit Type: Flow-through System

Aquaculture Unit Description: Burrows Ponds, 16.5' x 75' x 2.4', 83 cubic m, 500-750 GPM, 1.3 turnovers/hr @ 750 GPM

Max No. of Aquaculture Unit Type in Use: 75

Is this a new or existing aquaculture unit?: Existing

Species

Estimate the maximum annual production of each fish species or other aquatic animals expected for the next 5 years, or applicable years of the permit, for harvesting or for release (stocking) purposes. Provide the maximum annual amount of fish or other aquatic animals (e.g., harvest weight) on-site for the year of maximum production by harvest weight. If fish or other aquatic animals are released rather than harvested, list the estimated weight at time of release.

Species Group: Salmonids

Species Common Name: Chinook salmon

Maximum Annual Amount of Aquatic Animal Production (lbs): 107500

Species Group: Trout

Species Common Name: Rainbow/Steelhead/Golden trout

Maximum Annual Amount of Aquatic Animal Production (lbs): 405000

Species Group: Salmonids

Species Common Name: Coho salmon

Maximum Annual Amount of Aquatic Animal Production (lbs): 27500

Over the next 5 years please provide an estimated maximum number of days in a calendar year with discharges from ponds, raceways, net pens, or other similar structures to waters of the United States for harvesting or for release (stocking) purposes. 365

Aquaculture for Acclimation Purposes

Concentrated Aquatic Animal Production

Based on the data you have entered in this NOI, it has been determined that your facility is a concentrated aquatic animal production (CAAP) facility. 40 CFR §122.24 defines a CAAP as a hatchery, fish farm, or other facility that contains, grows, or holds:

- Cold water fish in raceways, ponds, or other similar structures; and discharge pollutants to surface waters of the U.S. at least thirty (30) days per year; and produce 20,000 pounds harvest weight or more of cold water fish per year; and feed at least 5,000 pounds of food during the calendar month of maximum feeding.
- Warm water fish in raceways, ponds, or other similar structures; and discharge pollutants to surface waters of the U.S. at least thirty (30) days per year; and produce 100,000 pounds harvest weight or more of warm water fish per year.

Process Flow Diagram

Attach a drawing or process flow diagram of your aquaculture production. Please show all aquaculture production units, wastewater treatment units, source water intakes or waterbody surrounding net pens, monitoring locations, and discharge points (including laboratory outfalls). Include all waste stream discharges (e.g., tailraces, settling basins, fish tagging operations, laboratories, known leaks).

Please identify on the drawing or map each discharge to waters of the U.S. Use the source water and outfall identifiers that are provided in this form. Include average annual production and species for each production unit (e.g., flow and production for each flow-through system). Please identify the amount of any source water withdrawals that are not used for production. Describe any discharges to receiving waterbodies that are not waters of the United States.

Please identify on the drawing or diagram the average area size, volume, and retention time of each aquaculture unit type and source water and wastewater treatment units. Please separately identify any offline settling basins, full flow settling basins, and quiescent zones and whether these units discharge to waters of the U.S.

Name	Created Date	Size
ATTACHMENT B - Sample Locations.pdf	05/19/2023 10:59 AM	332.73 KB

Source Waters

ID: 001

Source Water Name: Reservoir

Source Water Minimum Flow Cubic Feet per Second (CFS): 5

Source Water Average Flow Cubic Feet per Second (CFS): 30

Source Water Maximum Flow Cubic Feet per Second (CFS): 80

Are solids removed from source water?: No

Months that Source water is used by facility:

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Description of Source Water Treatment: Dworshak Reservoir water supply shared with Clearwater Fish Hatchery via small Hydro. Gravity fed.

ID: 002

Source Water Name: River

Source Water Minimum Flow Cubic Feet per Second (CFS): 20

Source Water Average Flow Cubic Feet per Second (CFS): 100

Source Water Maximum Flow Cubic Feet per Second (CFS): 145

Are solids removed from source water?: No

Months that Source water is used by facility:

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Description of Source Water Treatment: North Fork Clearwater River water supply pumped by one of six available pumps. Different months have different number of pumps running. During main grow-out all six pumps run.

Wastewater Discharges

By indicating "Yes" below, I confirm that I understand a facility is authorized to discharge to receiving waters of the United States within the State of Idaho in Indian Country under this General Permit after obtaining written authorization from EPA (see the provisions of Part II.A).

Yes

Outfall 001: System I, Incubation, and Nursery Clarifier

Outfall Type: External Outfall

Discharge Type: Constant

Is this Outfall an Offline Settling Basin? No

Outfall Application Actual Average Flow (MGD)(Conversion information: 1 cfs = 0.64632 MGD): 15

Latitude and Longitude of the Outfall: 46.503063°N, 116.322574°W

Receiving Water

Please provide information on the receiving waterbody. You can use the following webpage to help complete this section of the form: <https://mapcase.deq.idaho.gov/wq2016/> (<https://mapcase.deq.idaho.gov/wq2016/>). You can contact the local regional office of the Idaho Department of Environmental Quality (see contact on webpage) if you need more assistance.

Waterbody Name:

North Fork Clearwater River

Is the receiving water listed as impaired on the 303(d) list and in need of a TMDL? No

Has a TMDL been completed for this receiving waterbody? No

Outfall 002: Fish Ladder

Outfall Type: External Outfall

Discharge Type: Intermittent

Is this Outfall an Offline Settling Basin? No

Average Intermittent Discharge Frequency (days per month): 25

Outfall Application Actual Average Flow (MGD)(Conversion information: 1 cfs = 0.64632 MGD): 55

Latitude and Longitude of the Outfall: 46.502731°N, 116.324838°W

Does this outfall discharge to a previously entered receiving water? If so, please indicate the waterbody: North Fork Clearwater River (001)

Outfall 003: Offline Settling Basin

Outfall Type: External Outfall

Discharge Type: Constant

Is this Outfall an Offline Settling Basin? Yes

Outfall Application Actual Average Flow (MGD)(Conversion information: 1 cfs = 0.64632 MGD): 0.4

Latitude and Longitude of the Outfall: 46.502288°N, 116.327322°W

Receiving Water

Please provide information on the receiving waterbody. You can use the following webpage to help complete this section of the form: https://mapcase.deq.idaho.gov/wq2016/ (https://mapcase.deq.idaho.gov/wq2016/). You can contact the local regional office of the Idaho Department of Environmental Quality (see contact on webpage) if you need more assistance.

Waterbody Name:
North Fork Clearwater River

Is the receiving water listed as impaired on the 303(d) list and in need of a TMDL? No

Has a TMDL been completed for this receiving waterbody? No

Outfall 004: Systems I, II, and III, Flow Through

Outfall Type: External Outfall

Discharge Type: Intermittent

Is this Outfall an Offline Settling Basin? No

Average Intermittent Discharge Frequency (days per month): 25

Outfall Application Actual Average Flow (MGD)(Conversion information: 1 cfs = 0.64632 MGD): 50

Latitude and Longitude of the Outfall: 46.50142°N, 116.323003°W

Receiving Water

Please provide information on the receiving waterbody. You can use the following webpage to help complete this section of the form: https://mapcase.deq.idaho.gov/wq2016/ (https://mapcase.deq.idaho.gov/wq2016/). You can contact the local regional office of the Idaho Department of Environmental Quality (see contact on webpage) if you need more assistance.

Waterbody Name:
Clearwater River

Is the receiving water listed as impaired on the 303(d) list and in need of a TMDL? No

Has a TMDL been completed for this receiving waterbody? No

Outfall 005: Facility Total

Outfall Type: Sum

Waterbody Name:

North Fork Clearwater River

Attach a map of the area around the facility that shows the exact location of the facility's ponds, raceways, net pens, and other structures associated with production (e.g., laboratories, support platforms), water sources, water intake and wastewater discharge points and monitoring locations (with unique and consistent labels) and fish release locations (if any). Please indicate on the map the receiving waterbody at each water intake, wastewater discharge, monitoring location, and fish release location. The map should be based upon corresponding 7.5-minute quadrangle US Geologic Survey (USGS) map (1:24,000 scale), and can be downloaded here (<https://ngmdb.usgs.gov/topoview/>). Please indicate any solids dewatering/composting or land application locations (if applicable). Make sure to use the outfall ID number for any outfalls identified on this form.

Name	Created Date	Size
Pipe Schematic Update 01062020.pdf	05/19/2023 10:59 AM	332.73 KB

Drugs, Disinfectants, and Other Chemicals

Medication Usage

Do you plan on using medications for fish or other aquatic animals at this facility at any time during the next five years? Yes

ID: 001

Name of Medical Compound: AQUI-S 20E (Eugenol Anesthetic)

Reason for Use: Used as an anesthetic during fish sorting and/or spawning.

Estimated Maximum Concentration Active Ingredient in your Effluent (mg/L): 150

Estimated Maximum Quantity Active Ingredient Used per Application: 2 kg

Is this an Investigational New Animal Drug?: Yes

Identify the Month(s) Used:

Jan Feb Mar Apr Jun Jul Aug Sep

Average Frequency of Application (Estimate of Average Applications per Month(s) Used): 2

Method of Application: Static Bath

ID: 002

Name of Medical Compound: Aquaflor (Florfenicol)

Reason for Use: Used as medicated feed for sick fish.

Estimated Maximum Concentration Active Ingredient in your Effluent (mg/L): 3000

Estimated Maximum Quantity Active Ingredient Used per Application: 72 kg

Is this an Investigational New Animal Drug?: No

Identify the Month(s) Used:

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Average Frequency of Application (Estimate of Average Applications per Month(s) Used): 1

Method of Application: Medicated Feed

ID: 003

Name of Medical Compound: Carbon Dioxide gas

Reason for Use: Used as an anesthetic during fish sorting and/or spawning

Estimated Maximum Quantity Active Ingredient Used per Application: 18 kg

Is this an Investigational New Animal Drug?: No

Identify the Month(s) Used:

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Average Frequency of Application (Estimate of Average Applications per Month(s) Used): 2

Method of Application: Static Bath

ID: 004

Name of Medical Compound: Chloramine-T or Halamid

Reason for Use: Used as treatment of bacterial gill disease on juvenile fish.

Estimated Maximum Concentration Active Ingredient in your Effluent (mg/L): 10

Estimated Maximum Quantity Active Ingredient Used per Application: 13 kg

Is this an Investigational New Animal Drug?: No

Identify the Month(s) Used:

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Average Frequency of Application (Estimate of Average Applications per Month(s) Used): 0.5

Method of Application: Flow-through

ID: 005

Name of Medical Compound: Formalin- Formalin-F, Formacide B, or Parasite-S

Reason for Use: Used for external parasites on juvenile and adult fish.

Estimated Maximum Concentration Active Ingredient in your Effluent (mg/L): 1667

Estimated Maximum Quantity Active Ingredient Used per Application: 20 kg

Is this an Investigational New Animal Drug?: No

Identify the Month(s) Used:

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Average Frequency of Application (Estimate of Average Applications per Month(s) Used): 12

Method of Application: Flow-through

ID: 006

Name of Medical Compound: Ovadine (Iodophor)

Reason for Use: Used during water hardening stage of eggs during spawning and used to disinfect spawning equipment

Estimated Maximum Concentration Active Ingredient in your Effluent (mg/L): 200

Estimated Maximum Quantity Active Ingredient Used per Application: 1.5 kg

Is this an Investigational New Animal Drug?: No

Identify the Month(s) Used:

Jan Feb Mar Apr Aug Sep Oct

Average Frequency of Application (Estimate of Average Applications per Month(s) Used): 3

Method of Application: Static Bath

ID: 007

Name of Medical Compound: Oxygen

Reason for Use: Used as life support during fish sorting/spawning.

Estimated Maximum Quantity Active Ingredient Used per Application: 100 kg

Is this an Investigational New Animal Drug?: No

Identify the Month(s) Used:

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Average Frequency of Application (Estimate of Average Applications per Month(s) Used): 2

Method of Application: Static Bath

ID: 008

Name of Medical Compound: Salt (NaCl)

Reason for Use: Used as stress reducer for juvenile fish and to reduce algae loads in Burrows Ponds

Estimated Maximum Concentration Active Ingredient in your Effluent (mg/L): 450

Estimated Maximum Quantity Active Ingredient Used per Application: 40 kg

Is this an Investigational New Animal Drug?: No

Identify the Month(s) Used:

May Jun Jul Aug Sep Oct Nov

Average Frequency of Application (Estimate of Average Applications per Month(s) Used): 2

Method of Application: Flow-through

ID: 009

Name of Medical Compound: Sodium Bicarbonate

Reason for Use: Used as a buffer during fish sorting and or spawning

Estimated Maximum Quantity Active Ingredient Used per Application: 10 kg

Is this an Investigational New Animal Drug?: No

Identify the Month(s) Used:

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Average Frequency of Application (Estimate of Average Applications per Month(s) Used): 2

Method of Application: Static Bath

ID: 010

Name of Medical Compound: Other

Reason for Use: Used in Steelhead males to increase milt volume and speed milt maturation

Estimated Maximum Quantity Active Ingredient Used per Application: 12 µL/L

Is this an Investigational New Animal Drug?: Yes

Name of Other Medical Compound: Ovaplant-L

Identify the Month(s) Used:

Dec Jan

Average Frequency of Application (Estimate of Average Applications per Month(s) Used): 1

Method of Application: Injection

ID: 011

Name of Medical Compound: Emamectin Benzoate or Slice

Reason for Use: Treat and prevent freshwater copepods

Estimated Maximum Quantity Active Ingredient Used per Application: 200 µL/L

Is this an Investigational New Animal Drug?: Yes

Identify the Month(s) Used:

Apr May Jun Jul Aug Sep

Average Frequency of Application (Estimate of Average Applications per Month(s) Used): 1

Method of Application: Injection

Chemical Usage

Do you plan on using disinfectants, biocides, anti-fouling agents or other treatments at this facility at any time during the next five years? Yes

ID: 001

Name of Chemical or Treatment: Aquashade (Color Indicator)

Purpose: Used in formalin totes to add color for incubation and adult treatments

Estimated Maximum Concentration Active Ingredient in your Effluent (mg/L): 50

Estimated Maximum Quantity Active Ingredient Used per Application (kg): 1

Frequency of Use (Estimated Applications per Month in Operations): 2

Method of Application: Static Bath

ID: 002

Name of Chemical or Treatment: Argentyne (PVP Iodine) egg disinfection

Purpose: To disinfect eggs during incubation during water hardening and/or when shipping/receiving eggs

Estimated Maximum Concentration Active Ingredient in your Effluent (mg/L): 200

Estimated Maximum Quantity Active Ingredient Used per Application (kg): 1.5

Frequency of Use (Estimated Applications per Month in Operations): 12

Method of Application: Flow-through

ID: 003

Name of Chemical or Treatment: Chlorine

Purpose: Used one day per year to disinfect reuse system and circulated in clarifiers/ SYS I sump.

Estimated Maximum Concentration Active Ingredient in your Effluent (mg/L): 200

Estimated Maximum Quantity Active Ingredient Used per Application (kg): 55

Frequency of Use (Estimated Applications per Month in Operations): 1

Method of Application: Other

Other Description: Circulated in clarifiers and sump, then left to dry

Please describe how you use chlorine at your facility: Chlorine used for disinfection and is or could be discharged to Waters of the United States

Please select all the outfalls that are discharging Chlorine:
001

ID: 004

Name of Chemical or Treatment: Sodium Thiosulfate (Na Thiosulfate)

Purpose: Used to neutralize chlorine during clarifier and sump disinfection if chlorine is not fully dried

Estimated Maximum Concentration Active Ingredient in your Effluent (mg/L): 200

Estimated Maximum Quantity Active Ingredient Used per Application (kg): 114

Frequency of Use (Estimated Applications per Month in Operations): 1

Method of Application: Static Bath

ID: 005

Name of Chemical or Treatment: Other

Purpose: Used to disinfect nets, brushes, waders and used in foot baths

Estimated Maximum Concentration Active Ingredient in your Effluent (mg/L): 10000

Estimated Maximum Quantity Active Ingredient Used per Application (kg): 5

Other Chemical or Treatment: Virkon Aquatic

Frequency of Use (Estimated Applications per Month in Operations): 3

Method of Application: Static Bath

ID: 006

Name of Chemical or Treatment: Other

Purpose: Used as a slime coat protectant on adult fish during sorting/spawning

Estimated Maximum Concentration Active Ingredient in your Effluent (mg/L): 130

Estimated Maximum Quantity Active Ingredient Used per Application (kg): 0.5

Other Chemical or Treatment: Propoly Aqua

Frequency of Use (Estimated Applications per Month in Operations): 2

Method of Application: Static Bath

ID: 007

Name of Chemical or Treatment: Potassium Permanganate (KMnO4)

Purpose: For treatment of bacterial gill disease (BGD) as an alternative to Chloramine-T

Estimated Maximum Concentration Active Ingredient in your Effluent (mg/L): 2

Estimated Maximum Quantity Active Ingredient Used per Application (kg): 0.5

Frequency of Use (Estimated Applications per Month in Operations): 0.1

Method of Application: Static Bath

Additional Information

Best Management Practices (BMP) Plan

In accordance with this permit, the permittee is required to develop a Best Management Practices (BMP) Plan. I am certifying that I understand that a BMP Plan for this facility must be developed and include the following topics as applicable for your facility production systems:

- Flow-through/Recirculating BMPs - solids control, materials storage, structural maintenance, recordkeeping, and training.
- Net Pen BMPs - feed management, waste collection and disposal, transport or harvest discharge, carcass removal, materials storage, maintenance, recordkeeping, and training.

I confirm that the following are true:

- The BMP Plan has been reviewed and endorsed by the facility manager
- The BMP Plan is being implemented by trained employees
- The BMP Plan is complete and is available upon request to EPA and IDEQ
- The individuals responsible for implementation of the BMP Plan have been properly trained

Quality Assurance (QA) Plan

Federal regulations at 40 CFR § 122.41(e) require permittees to properly operate and maintain their facilities, including “adequate laboratory controls and appropriate quality assurance procedures.” To implement this requirement, the GP requires the permittee develop or update a QAP to ensure that the monitoring data submitted to the EPA are complete, accurate, and representative of the environmental or effluent conditions.

I confirm that the following are true:

- The QA Plan has been reviewed and endorsed by the facility manager
- The QA Plan is being implemented by trained employees
- The QA Plan is complete and is available upon request to EPA and IDEQ
- The individuals responsible for implementation of the QA Plan have been properly trained

Please use the space below to provide an explanation for the changes you are submitting.

This is a request for reauthorization of the NOI for Dworshak National fish hatchery. Production has not increased nor decreased since the previous permit. The facility is now operated by the Nez Perce Tribe. Names and numbers have been changed to reflect current management. The attached reports reflect the current and planned operating parameters for the next 5 years.

Name	Created Date	Size
BMP_January_2024.docx	05/22/2024 2:05 PM	65.39 KB
QADNFH2024.docx	05/22/2024 2:05 PM	1.26 MB

Certification Information

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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than 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. Signing an electronic document on behalf of another person is subject to criminal, civil, administrative, or other lawful action.

Certified By: Jeremy M. Sommer

Certifier Title: Hatchery Manager

Certifier Email: jeremy_sommer@fws.gov

Certified On: 05/22/2024 5:08 PM ET

ATTACHMENT B

2024 Reauthorization Letter



REGION 10
SEATTLE, WA 98101

May 28, 2024

Jeremy Sommer
Hatchery Manager
Dworshak National Fish Hatchery
276 Dworshak Complex Drive
Orofino, Idaho 83544
(sent by email to: jeremy_sommer@fws.gov)

Re: Reauthorization to Discharge under NPDES Permit No. IDG133000
Dworshak National Fish Hatchery (IDG133001)

Dear Jeremy Sommer:

The U.S. Environmental Protection Agency (EPA) received the NPDES NOI materials referenced above on May 22, 2024. The current general permit for Aquaculture Facilities Located in Indian Country in Idaho expires on November 30, 2024.

According to 40 C.F.R. § 122.28(b), a complete and timely NOI, to be covered in accordance with general permit requirements, fulfills the requirements for permit application for purposes of 40 C.F.R. §§ 122.6, 122.21 and 122.26. Pursuant to 40 C.F.R. § 122.21(d), permittees with currently effective permits, "shall submit a new application at least 180 days before the existing permit expires." The EPA received your NOI on May 22, 2024, which was at least 180 days prior to the expiration date; therefore, the NOI for renewal of coverage is timely.

An NOI submitted to the EPA for coverage under a general NPDES permit is complete when the Director receives the NOI and any supplemental information which is completed to his or her satisfaction under 40 C.F.R. § 122.28. We have completed our review of the NOI and have determined that it was complete as of May 23, 2024.

Pursuant to 40 C.F.R. § 122.6, your coverage under the existing permit will remain effective and enforceable until the EPA grants or denies your NOI for coverage under a new permit. See 40 C.F.R. § 122.6; 5 U.S.C. 558(c).

Please note that the EPA may request additional information during the development of the draft permit to clarify, modify, or supplement previously submitted material. If you have any questions, please contact Martin Merz at (206) 553-0205 or via email at merz.martin@epa.gov.

Sincerely,

Erin Seyfried, Manager
NPDES Permitting Section

cc: Russell Brotnov, Maintenance Supervisor, U.S. Fish and Wildlife Service (by email)
Chris Foster, Hatchery Coordinator, U.S. Fish and Wildlife Service (by email)
Angela Anderson, IPDES General Permit Supervisor, Idaho Department of Environmental Quality (by email)
Patrick Gillis, IPDES General Permit Writer, Idaho Department of Environmental Quality (by email)

ATTACHMENT C

Photograph Log

All photographs taken by Jon Klemesrud on July 30, 2024

Nikon Coolpix AW100

Photograph Log – Dworshak National Fish Hatchery



Photo #:01 (DSCN3823)
Description: Photo of facility diagram.



Photo #:02 (DSCN3824)
Description: Facing west, photo of intake water location from North Fork Clearwater River.



Photo #:03 (DSCN3825)
Description: Facing north, photo of System I digesters and nursery head tank



Photo #:04 (DSCN3826)
Description: Facing north, photo of the System I and nursery clarifiers.

Photograph Log - Dworshak National Fish Hatchery



Photo #:05 (DSCN3827)

Description: Facing north, photo of the Outfall 001 to the North Fork Clearwater River.



Photo #:06 (DSCN3828)

Description: Facing west, photo of the fish ladder.



Photo #:07 (DSCN3829)

Description: Photo of Outfall 002 to the North Fork Clearwater River.



Photo #:08 (DSCN3830)

Description: Photo of the sampling location and sampling device for Outfall 002.

Photograph Log - Dworshak National Fish Hatchery



Photo #:09 (DSCN3831)
Description: Facing north, photo of a sump pump utilized for the OLSB.



Photo #:10 (DSCN3832)
Description: Facing southwest, photo of the OLSB and adjacent drying beds.



Photo #:11 (DSCN3833)
Description: Facing north, photo of Outfall 003 from the OLSB to the North Fork Clearwater River.



Photo #:12 (DSCN3834)
Description: Facing east, photo of southern perimeter along mainstem Clearwater River. Overflow discharge pipes.

Photograph Log - Dworshak National Fish Hatchery



Photo #:13 (DSCN3835)
Description: Photo of Formalin/chemical storage area.



Photo #:14 (DSCN3836)
Description: Facing east, photo of sample location for Outfall 004 to the mainstem Clearwater River.



Photo #:15 (DSCN3837)
Description: Facing south, photo of the construction area for the Steelhead release pipe (Outfall 004).



Photo #:16 (DSCN3838)
Description: Facing east, photo of sections of the new Steelhead release pipe (Outfall 004).

Photograph Log - Dworshak National Fish Hatchery	
	
Photo #:17 (DSCN3839) Description: Facing west, photo of the System II ponds.	

ATTACHMENT D

Integrated Compliance Information System (ICIS) Exceedance Report

Facility Information

FRS Facility UIN	110070686957
NPDES ID	IDG133001
Permit Name	Nez Perce Tribe
Major/Minor	Minor
Permit SIC Desc	
Water Body Name	
TMDL ID	

Facility Location

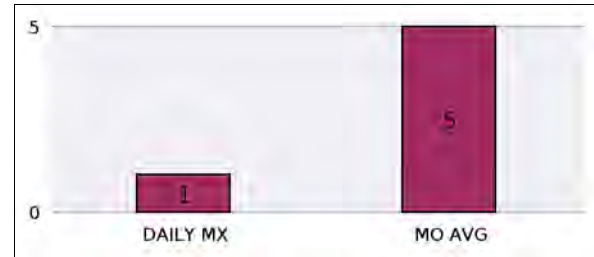
LAT	46.502236
LONG	-116.322966

Last Formal Enforcement Action

EA Identifier	
Final Order Issued	
EA Type Desc	

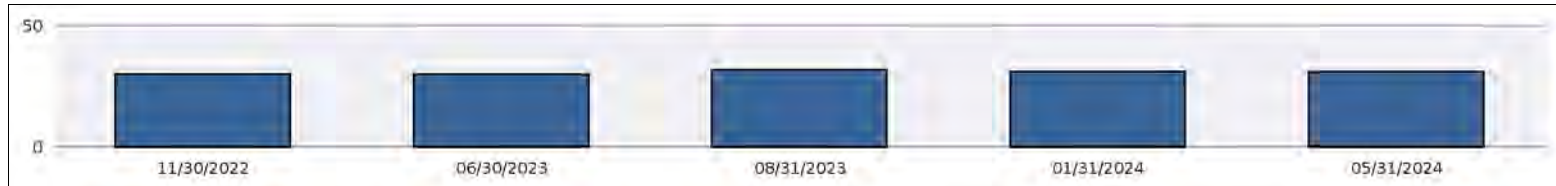
Permit Information

Original Issue Date	11/1/19
Issue Date	11/1/19
Effective Date	1/22/20
Expiration Date	11/30/24
Permit Status	EFF



Number and Months of Violations

154	5
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Month	Outfall	Parameter Code and Name	DMR Value	Permit Limit	% Exceeda	Limit Type	#V	Due/Rec'd	#DL
NOV 2022	005 A	00665 Phosphorus, total [as P]	.1221	.1 mg/L	22	MO AVG	30	12/20 12/13	
JUN 2023	005 A	00665 Phosphorus, total [as P]	.1112	.1 mg/L	11	MO AVG	30	7/20 7/18	
AUG 2023	005 A	00665 Phosphorus, total [as P]	.1609	.1 mg/L	61	MO AVG	31	9/20 9/14	
AUG 2023	005 A	00665 Phosphorus, total [as P]	.1609	.16 mg/L	1	DAILY MX	1	9/20 9/14	
JAN 2024	004 A	00665 Phosphorus, total [as P]	.118	.1 mg/L	18	MO AVG	31	2/20 1/26	
MAY 2024	005 A	00665 Phosphorus, total [as P]	.1057	.1 mg/L	6	MO AVG	31	6/20 6/18	

ATTACHMENT E

June 2, 2021, Non-Compliance Summary



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Dworshak Fisheries Complex
276 Dworshak Complex Drive
Orofino, Idaho 83544

Phone: (208) 476-4591 FAX: (208) 476-3252



In Reply Refer
To:

June 6, 2021

To: USEPA, NPDES Permitting Section Manager
Nez Perce Tribe, Water Resources Division

From: Mark Drobish, Dworshak Fish Hatchery Project Leader

Subject: Non-Compliance Summary for Incident Occurring on June 2, 2021

On June 2, 2021 at approximately 11:00 am (Pacific Time), the crew responsible for coho production was performing routine cleaning in burrows ponds (i.e. BP 51, BP 53, BP 55) in System III. The crew did not follow the Standard Operating Procedures (SOP) as outlined in the Best Management Practices document while performing this task. As a result, the cleaning waste discharged from System III through the "Attraction Channel" and into the North Fork Clearwater River without treatment resulting in non-compliance. Duration of this non-compliance discharge was 45 minutes (~11:00-11:45). Fish biomass in these three ponds is low given these fish were ponded approximately 1 month ago. Total cumulative daily feed is less than 50 pounds per day and therefore these fish are generating very little fecal waste. Additionally, the combined flow for the three burrows ponds being cleaned is only 3% of the total flow after combining with the water from the raceways, attraction channel and fish ladder before reaching the discharge point in the North Fork Clearwater River; therefore, the impact to the river is negligible based on the associated dilution factor.

Managers and crew supervisors have been notified to ensure the crew clearly understands the SOP, that following the SOP is required, as well as the NPDES permit requirements. Additionally, the Dworshak National Fish Hatchery staff will offer and provide training for this crew as needed.

Respectfully,

Mark Drobish
Dworshak Fish Hatchery Project Leader
208-476-2236 (Office) 208-512-9151 (Mobile)