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NOV 09 2020

WA State Department of Ecology (SWRO)

STATE OF WASHINGTON DEPARTMENT OF ECOLOGY

PO Box 47775 · Olympia, Washington 98504-7775 · (360) 407-6300 711 for Washington Relay Service . Persons with a speech disability can call 877-833-6341

September 1, 2020

Patrick Hulett, Fish Biologist WA Department of Fish and Wildlife Resource Assessment Division 804 Allen Street, Suite 3 Kelso, WA 98626

Morgan

Re:

Application for National Pollutant Discharge Elimination System (NPDES) Wastewater Discharge Permit Number WA0040053, WA DFW Lower Deep River Salmon Net Pens

Dear Patrick Hulett:

Chapter 173-220 of the Washington Administrative Code (WAC) requires a Permittee to file an application for replacement.

The application that was submitted on March 5, 2013, is over five years old. An electronic copy of the application may be downloaded by going to the Environmental Protection Agency (EPA) website https://www.epa.gov/npdes/npdes-applications-and-forms for the following forms:

NPDES Application Form 1: General Information

NPDES Application Form 2B: Concentrated Animal Feeding Operations and Concentrated Aquatic Animal Production Facilities

Please complete the application and return it no later than October 31, 2020, to:

Morgan Dorner Permit Administrator Department of Ecology Southwest Regional Office PO Box 47775 Olympia, WA 98504-7775

Ecology permit manager for your facility is Hiro Kusakabe. Review all the questions to determine if applicable areas apply. Please submit any additional information that may help Ecology determine the impact of your discharge to groundwater.

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Advice Hulett. Elsh Hodogist V.A. (1992) Poent of Fish and Whilfflatesource Assessment Division 100 Altan Street, Suite 3 John V.A. Oldfri

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Nitrities application Form 131. Concentrate Entered Forcing Operation and Concentrate Average Performance Formation (Forcing Formation)

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Margan Domer Permit Administrator Lepartoren of Trange Eortheen Regional Office PO 303 4 1775

Olympia W. allender 1775

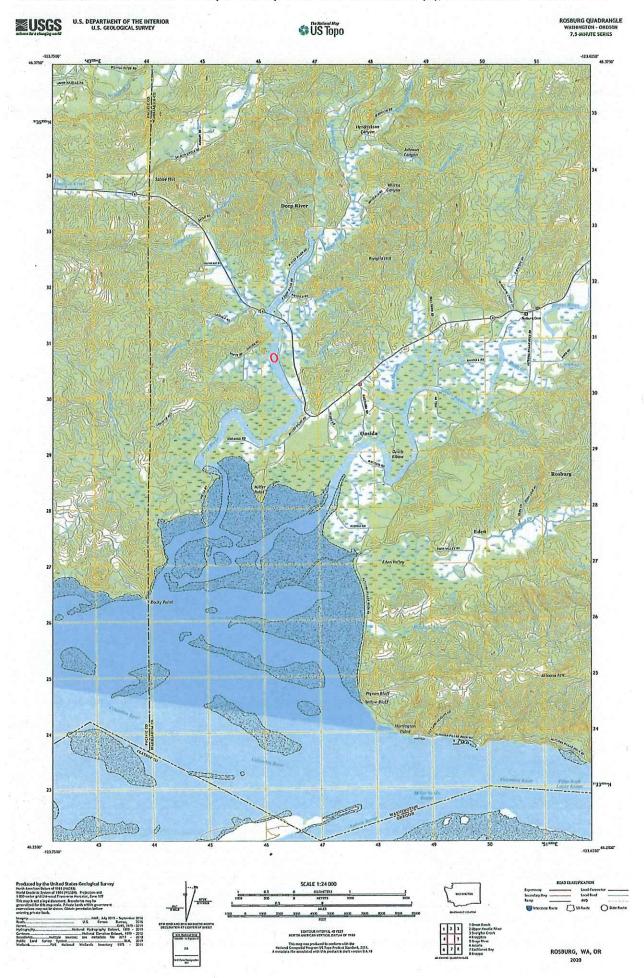
Enclogy parties manager fits journ medicy in it has blassided. For how all transpossion for a companies of transposition of applicable news apply (Please previous) and still information which was been been been able to be discharged in the control of the contro

NPDES Permit Number Facility Name Form Approved 03/05/19 **EPA Identification Number** OMB No. 2040-0004 WA0040053 WA DFW Lower Deep River U.S. Environmental Protection Agency Form **Application for NPDES Permit to Discharge Wastewater** SEPA 1 **NPDES GENERAL INFORMATION** SECTION 1. ACTIVITIES REQUIRING AN NPDES PERMIT (40 CFR 122.21(f) and (f)(1)) Applicants Not Required to Submit Form 1 Is the facility a new or existing publicly owned Is the facility a new or existing treatment works 1.1.2 1.1.1 treating domestic sewage? treatment works? If yes, STOP. Do NOT complete If yes, STOP. Do NOT No No $\overline{\mathbf{V}}$ \square Form 1. Complete Form 2A. complete Form 1. Complete Form 2S. 1.2 Applicants Required to Submit Form 1 1.2.2 Is the facility an existing manufacturing, 1.2.1 Is the facility a concentrated animal feeding Activities Requiring an NPDES Permit commercial, mining, or silvicultural facility that is operation or a concentrated aquatic animal currently discharging process wastewater? production facility? Yes → Complete Form Yes → Complete Form 1 \square 1 and Form 2C. and Form 2B. Is the facility a new or existing manufacturing, 1.2.3 Is the facility a new manufacturing, commercial, 1.2.4 commercial, mining, or silvicultural facility that mining, or silvicultural facility that has not yet discharges only nonprocess wastewater? commenced to discharge? Yes → Complete Form Yes → Complete Form 1 ✓ No and Form 2D. 1 and Form 2E Is the facility a new or existing facility whose 1.2.5 discharge is composed entirely of stormwater associated with industrial activity or whose discharge is composed of both stormwater and non-stormwater? Yes → Complete Form 1 7 and Form 2F unless exempted by 40 CFR 122.26(b)(14)(x) or (b)(15). SECTION 2. NAME, MAILING ADDRESS, AND LOCATION (40 CFR 122.21(f)(2)) **Facility Name** WA DFW Lower Deep River Salmon Net Pens Name, Mailing Address, and Location 2.2 **EPA Identification Number** (TBD) 2.3 **Facility Contact** Name (first and last) Title Phone number (360) 846-5268 Fish Biologist (net pen project manager) Patrick Hulett Email address Patrick.Hulett@dfw.wa.gov 2.4 **Facility Mailing Address** Street or P.O. box 804 Allen Street, Suite 3 ZIP code State City or town 98626 WA Kelso

EPA Identification Number		tion Number	NPDES Permit Number WA0040053	Facility Name WA DFW Lower Deep Rive	Form Approved 03/05/19 OMB No. 2040-0004			
o o	2.5	Facility Location	on					
Name, Mailing Address, and Location Continued		Street, route number, or other specific identifier 123 Oneida Road						
		County name Wahkiakum	County code	e (if known)	Nev Anales A			
Name, and Lo		City or town Naselle	State WA	ovi 🔯 elelginou TO	ZIP code 98638			
SECTIO	N 3. SIC	AND NAICS COL	DES (40 CFR 122.21(f)(3))		新生物學與自由學科			
	3.1	SIC Code(s) Description (optional)						
	ging feelitty	0921	Divilie to gair lin. Nation many legislate the pe bally was been a uniformatical					
	is instal	a saesonių griigir	ticinin yimeroo					
SIC and NAICS Codes	olf N	and Form 2C.		Permi 28, Francisco, Commercia	ans sale [V] sale			
ICS	Redity	ing, or sixiousus	irán fakagaraneg	and profitly that has not yet	dieneman Araban			
N P	3.2	NAICS	Code(s) Description	(optional)	Buditadasaloo (1997)			
IC and	- EX	112511	net pen rear	ing/release of juvenile salmon fo	r harvest of returning adults			
SECTIO	N 4. OP 4.1	Name of Opera	RATOR INFORMATION (40 CFR 122.21(f)(4)) Name of Operator					
		Washington Dep	partment of Fish and Wildlife	26(n)(v)(d) r	oct.			
Operator Information	4.2	Is the name you listed in Item 4.1 also the owner? ☐ Yes ☑ No						
nfor	40	20 00 00 00000 00 000			mula pulmer PC			
tor	4.3	Operator Statu Public—fed		o agg Jest north 🗖 Othor	public (specify)			
Opera		☐ Private	Other (speci		public (specify)			
	4.4	Phone Number	r of Operator		(181)			
		(360) 846-5268						
E	4.5	Operator Addre						
Operator Information Continued		Street or P.O. Box 804 Allen Street, Suite 3						
		City or town Kelso	State WA	Variety Was	ZIP code 98626			
Opera		Email address of Patrick.Hulett@			A Packly Mailing A ling of the C uox			
SECTIO	N 5. INC	DIAN.LAND (40 CI	FR 122.21(f)(5))	A MILLARY ST				
Indian	5.1	Is the facility loc	cated on Indian Land?	avi S	unvol 10 And			
ر غ		☐ Yes ☑	No					

EPA Identification Number		on Number	NPDES Permit Number Facility Name WA0040053 WA DFW Lower Deep Rive DNMENTAL PERMITS (40 CFR 122.21(f)(6))		7.0	Form Approved 03/05/19 OMB No. 2040-0004				
		TING ENVIDONME								
SECTIO	6.1					rresponding permit number for each)				
Existing Environmental Permits	Signa na druidlue	NPDES (discharges to surface water)		RCRA (hazardous wastes)		UIC (underground injection of fluids)				
		PSD (air emissions)		Nonattainment program (CAA)		☐ NESHAPs (CAA)				
		Ocean dumpin	g (MPRSA)	Oredge or fill (C	WA Section 404)	Other (specify)				
SECTIO	N 7. MAI	(40 CFR 122.21(f)(7))			三位为"特别"的"特别"。				
Мар	7.1	specific requirement				is application? (See instructions for B.)				
SECTIO	N 8. NAT	URE OF BUSINESS	6 (40 CFR 122.21(f)(8))							
0_0110	8.1	Describe the nature		00/11/200	Commission of the State of	A CHOROL LA				
Nature of Business	or its law	in Deep River (a tid the natural enviror fishery in Deep Riv opportunity within of ESA protected st River. Coho salmor reared to a size of at a smaller size af	ally influenced backwat ment. The intent is for er when they return as a the backwater channel cocks of salmon and stee i juveniles are loaded in about 17 fish/lb. when t ter a much shorter 4-5 v	er in the lower the released s adults. The pro area of Deep F elhead than mi to the pens in they are release week acclimation	Columbia River (see almon to mature in to gram is intended to liver, where there is ght occur in the main October or November of the following Mayon period in the net proper to the set of the net proper in the	ho salmon and spring Chinook salmon) attachments 1 and 2) for release into the ocean and be harvested in a gillnet provide commercial gillnet harvest substantially less likelihood of capture nestem waters of the lower Columbia er at a size of about 29 fish/lb. and of Spring Chinook juveniles are released pens. One release group is released in the fall at 50-60 fish/lb.				
SECTIO	N 9. CO	DLING WATER INT	AKE STRUCTURES (40	CFR 122.21(f)(9))	2. 3. 4. 3. 型证式如此。				
	9.1	Does your facility to	se cooling water?							
. 9	entale	☐ Yes ☑ No → SKIP to Item 10.1.								
Cooling Water Intake Structures	9.2	Identify the source of cooling water. (Note that facilities that use a cooling water intake structure as described at 40 CFR 125, Subparts I and J may have additional application requirements at 40 CFR 122.21(r). Consult with your NPDES permitting authority to determine what specific information needs to be submitted and when.)								
SECTIO	ON 10. V		S (40 CFR 122.21(f)(10			TO SHALL WE WINDOW				
Variance Requests	10.1	Do you intend to request or renew one or more of the variances authorized at 40 CFR 122.21(m)? (Check all that apply. Consult with your NPDES permitting authority to determine what information needs to be submitted and when.)								
		Fundament Section 30	ally different factors (CV (n))	VA 🗆	302(b)(2))	ed effluent limitations (CWA Section				
Variance			ntional pollutants (CWA I(c) and (g))		Thermal discharge	s (CWA Section 316(a))				
		☐ Not applica	ble							

EPA Identification Number NPDES Permit Number **Facility Name** Form Approved 03/05/19 OMB No. 2040-0004 WA0040053 WA DFW Lower Deep River SECTION 11. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(a) and (d)) In Column 1 below, mark the sections of Form 1 that you have completed and are submitting with your application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to provide attachments. Column 1 Column 2 1 Section 1: Activities Requiring an NPDES Permit w/ attachments **V** Section 2: Name, Mailing Address, and Location w/ attachments $\sqrt{}$ Section 3: SIC Codes w/ attachments 1 П w/ attachments Section 4: Operator Information $\overline{\mathbf{V}}$ ai w/ attachments Section 5: Indian Land \square Section 6: Existing Environmental Permits П w/ attachments Checklist and Certification Statement w/ topographic 1 \checkmark Section 7: Map w/ additional attachments map $\overline{\mathbf{V}}$ w/ attachments Section 8: Nature of Business 1 w/ attachments Section 9: Cooling Water Intake Structures 2.1 **V** Section 10: Variance Requests w/ attachments \square Section 11: Checklist and Certification Statement w/ attachments 11.2 **Certification Statement** 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 persons 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. Name (print or type first and last name) Patrick Hulett Area Fish Biologist (net pen project manager) Signature Date signed Patrick Hulett 10/30/2020



Attachment 2: Satellite photo details of Deep River net pen location and configuration.



Form Approved 03/05/19 **EPA Identification Number** NPDES Permit Number **Facility Name** OMB No. 2040-0004 WA DFW Lower Deep River Salme WA0040053 U.S. Environmental Protection Agency Form **Application for NPDES Permit to Discharge Wastewater \$EPA** 2B **CONCENTRATED ANIMAL FEEDING OPERATIONS and NPDES** CONCENTRATED AQUATIC ANIMAL PRODUCTION FACILITIES SECTION 1. GENERAL INFORMATION (40 CFR 122.21(I)(1)) Indicate the facility/business type. (Check only one response.) 1.1 CAFO → Complete Sections 1 through 6 and Section 8. General Information CAAP → Complete Sections 1, 7, and 8. Indicate the operational status of the facility. (Check one.) 1.2 Proposed facility **Existing facility** SECTION 2. CAFO OWNER/OPERATOR CONTACT INFORMATION (40 CFR 122.21(f)(2) and (4) and 122.21(i)(1)(i)) **Owner/Operator Contact** 2.1 Title Name (first and last) CAFO Owner/Operator Contact Information Email address Phone number 2.2 **Owner/Operator Mailing Address** Street or P.O. box Zip code State City or town SECTION 3. CAFO LOCATION AND CONTACT INFORMATION (40 CFR 122.21(i)(1)(ii and iii)) 3.1 **CAFO Location and Contact** Name CAFO Location and Contact Information Address (street, route number, or other specific identifier) County Zip code State City or town Email address Facility contact name Phone number Latitude/Longitude of Entrance to Production Area (see instructions) 3.2 Longitude Latitude

EPA Ide	ntification I	umber NPDES Permit Number WA0040053			WA DEW I	Facility Name ower Deep River Sal		Form Approved 03/05/19 OMB No. 2040-0004	
w.	3.3	Integrator Name and Address				ower beep miver our			
CAFO Location and Contact Information Continued	3.3	Name Name							
		Street address Street address Street in the control of the contr							
CAFO Loc Informa		City or to	wn What backly	A ann)		or and status of a	Zip code	1 36	
SECTION 4	. CAFO	TOPOGRA	PHIC MAP (4	10 CFR 122.21(i)(1)	(iv))	RYSYLVES		ETAS SEE	
CAFO Topographic Map	4.1	Have you attached a topographic map containing all required information to this application? (See instructions for specific requirements.)							
Topog		☐ Ye	es -> SKIP to	Section 5.		□ No			
SECTION	. CAFO	CHARACT	ERISTICS (4	0 CFR 122.21(i)(1)(v ix))	We as designed	以表示。		
	5.1	Provide in	nformation on	the type and number		he table below.		9.1	
		Anim	nal Type	Number in Open Confinement	Number Housed Under Roof	Animal Type	Number in Open Confinement	Number Housed Under Roof	
		☐ Ma	ture dairy vs		Ladate L	Sheep or lambs	California de la Califo	1 7	
		☐ Dai	iry heifers			Chickens (broilers)			
			al calves	The first state	3 th action	Chickens (layers)			
			ttle (not dairy veal calves)			Ducks	cour GTAD C		
		☐ Sw				Other (specify)	onisk		
		□ Sw (un	ine der 55 lbs.)	O. L. Coshina	o Chambra and Rec	Other (specify)	min V moreouts to 1		
<u>8</u>		☐ Ho	rses			Other (specify)	(a) C) George (L) Carr	E	
eris		Tur	rkeys		alda I	Total Animals			
Characteristics	5.2			ntainment and storage in the table be		of days, and total ca	apacity for manure, lit	ter, and	
CAFO C	75.		Containment Storage	Total Number of Days	Total Capacity (specify gallons or tons)	Type of Containment and Storage	Total Number of Days	Total Capacity (specify gallons or tons)	
		☐ Ana	aerobic lagoon	STATE AND EAST	(chouseville)	Belowground storage tanks	idal elamining a 1 S.I	072	
		☐ Eva	aporation			Roofed storage shed			
			oveground rage tanks	7	Т	Concrete pad			
			orage pond			Impervious soil pad			
		☐ Und	derfloor pit			Other (specify)			
	5.3	Indicate to	he total numb acres	er of acres drained	and collected in	the containment and	storage structure(s)	reported under	

EPA Identification Number		ber NPDES Permit Number WA0040053	Facility Name WA DFW Lower Deep River Sa	Form Approved 03/05/19 OMB No. 2040-0004					
	Manure, L	itter, and/or Process Wastewater Produ	ction and Use						
	5.4	How many tons of manure or litter and gallons of process wastewater are generated annually at the CAFO?							
		Manure	Plank no be said, global 970.5 in	tons tons					
		Litter	Yas Aran Marana Marana	tons					
		Process wastewater	1 1/10/	gallons					
	5.5	Is manure, litter, and/or process wastew. Yes							
pen	5.6	How many acres of land under the control of the applicant are available for applying the CAFO's manure, litter, or process wastewater? acres							
CAFO Characteristics Continued	5.7	Check all land application best management practices that are being implemented.							
ပ္ပိ	rious turnoi	Buffers of SAA and in access	Infiltration field						
stics	9405	Setbacks	Grass filter						
teri	Service :	☐ Conservation tillage	☐ Terrace						
arac		☐ Constructed wetlands	Other (specify)						
5	5.8	Is manure, litter, and/or process wastew	ater transferred to any other persons?						
AFC		☐ Yes	No → SKIP to Item 5.10.						
	5.9	How many tons of manure or litter and gallons of process wastewater, produced by the CAFO, are transferred annually to other people?							
		Manure		tons					
		Litter	Saut Ar	tons					
		Process wastewater		gallons					
	5.10	Describe alternative use(s) of manure, litter, or process wastewater, if any.							
SECTION	N 6. CAFO N	UTRIENT MANAGEMENT PLANS (40 CF	FR 122.21(i)(1)(x))	KING SOFT A					
	6.1	Has the applicant attached a nutrient m	nanagement plan that satisfies the requirement 40 CFR 412.4(c)? Note: A permit application	ents at 40 CFR 122.42(e) n is not complete until a					
CAFO Nutrient Management Plans	6.2	6.2 Explain why a nutrient management plan is not attached to the application.							
Nutrient	6.3	Is a nutrient management plan being in	mplemented at the CAFO?						
CAFO	6.4	What was the date of the last review or revision of the nutrient management plan?	Date	2001 5.7 1.1941					

EPA Identification Number Form Approved 03/05/19 **Facility Name** NPDES Permit Number OMB No. 2040-0004 WA0040053 WA DFW Lower Deep River Salmon SECTION 7. CAAP FACILITY CHARACTERISTICS (40 CFR 122.21(i)(2)) Is the CAAP facility located on land? No → SKIP to Item 7.3. Yes 7.2 Provide the maximum daily and maximum average monthly discharge at CAAP by outfall. Discharge Outfall Number Maximum Daily Discharge **Maximum Average Monthly Discharge** gpd gpd gpd gpd gpd gpd 7.3 Indicate the type and number of discharge structures at the CAAP. Provide a brief description of each structure. Also note the name of the receiving water and the source of the intake water for each structure. **Receiving Water** Source of Intake Structure Number of Each Description Water Type Name Ponds Raceways CAAP Facility Characteristics Net pens 1 thru 27 20"x20"x10" ver/Tidal water from 0 Not applicable Submerged Not applicable cages Similar structures (specify) 7.4 List the cold-water and/or warm-water aquatic species raised/produced in the table below. For each species listed, indicate the total yearly and maximum harvestable weight (in pounds) Warm Water Species **Cold Water Species** Harvestable Weight **Harvestable Weight Species Species Total Yearly** Maximum **Total Yearly** Maximum Spring Chinook 10300 lbs. 15000 lbs. lbs. lbs. Type-N Coho 46600 lbs. 50000 lbs. 7.5 Indicate the calendar month of maximum feeding and the total mass of food fed (in pounds) during that month. **Month of Maximum Feeding Total Mass of Food Fed** April 3500 lbs.

EPA Identification Number			NPDES Permit Number	Facility Name		Form Approved 03/05/19 OMB No. 2040-0004
			WA0040053	WA DFW Lower	Deep River Salmoi	ONID NO. 2040-0004
SECTION			CERTIFICATION STATEMENT (40			
	8.1		mn 1, below, mark the sections of For			
		application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to provide attachments.				
		Column 1			Column 2	
		☑ Se	ection 1: General Information	☐ w/ attachments		
		☐ Se	ection 2: CAFO Owner/Operator Conta	act Information	☐ w/ attachments	
		☐ Se	ection 3: CAFO Location and Contact	☐ w/ attachments		
ent		☐ Se	Section 4: CAFO Topographic Map		□ w/ topographic map□ w/ additional attachments	
tatem		☐ Se	ection 5: CAFO Characteristics	☐ w/ attachments		
Checklist and Certification Statement		☐ Se	ection 6: CAFO Nutrient Management	Plans	□ w/ nutrient m □ w/ attachmer	anagement plan nts
		☑ Se	ection 7: CAAP Facility Characteristics	3	☐ w/ attachmer	nts
and C		☑ Se	ection 8: Checklist and Certification St	atement	□ w/ attachmer	nts
dist	8.2	Certific	cation Statement			
Check		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 persons 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.				
			print or type first and last name)		Official title	
		Patrick	Hulett		Area Fish Biologist	t (net pen project manger)
		Signatu	ire		Date signed	
# #			Patrick Hulstt		10/30/2020	