							Form Appro	oved. OMB No. 2040-0086. Approval expires 8-31-9
			i	I.D. NU	MBER (copy fron	tem 1 of Fo	rm 1)	
	ype in the unsh	naded areas only	<u> </u>					
Porm 2D NPDES	\$EP/	4	Appl	icatio	New Sources and New Dischargers on for Permit to Discharge Process Wastewater			
I. Outfall Loca	ation							
For each outfa	all, list the lat	itude and longi	itude of its loc	cation to	the nearest 15	seconds a	nd the name of t	he receiving water.
Outfall Number (list)		Latitud	9		Longitud	е	Receiving Wa	ater (name)
	De	g. Min.	Sec.	Deg	g. Min.	Sec.		
003	4	4 34	29.3	68	48	20.5	Penobsco	ot River
[outfall n	nay							
change]								
II. Discharge	Date (When	do you expect	to begin disc	harging [*]	?) Janu	ary 201	9	
III Flows Co.	reas of Dal	ution, and Tre	antmant Tan	hnologi				
A. For each wastewal	outfall, provier, cooling v	/ide a descrip	tion of: (1) A m water rund	dl opera	tions contribut	ing wastew w contribute	rater to the efflu ed by each oper	ent, including process wastewater, sanitary ation; and (3) The treatment received by the
Outfall Number	1. O _l	perations Cont (<i>List</i>)	ributing Flow			. Average F Include Uni		3. Treatment (Description or List codes from Table 2D-1
003	5,000 N	ИT			4,650,000 gal/day			1-T, 2-G, 2-H (UV), 5-C, 5- D, 5E (Polymer Mixing)
	Atlanti	c salmon l lating aqu	hatchery culture					
·-··	system		<u> </u>					
	1				 			
<u> </u>								
442								
	I							

(See Attachment A for Whole Oceans Water Flow PFD)

B. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item III-A. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.								
C. Except for storm runoff, leaks, or spills, will any of the discharges described in Items III-A be intermittent or seasonal? [X] NO (go to Section IV)								
Outfall Number			1. Freq			2. Flow	2. Flow	
		a. Days Per Wee (specify ave	s ek	b. Months Per Year (specify average)	a. Maximum Daily Flow Rate (in mgd)	b. Maximum Total Volume (specify with units)	c. Duration (in days)	
	003	7		12	4 mg/d	4 mg/d	365	
IV. Production								
If there is an applicable production-based effluent guideline or NSPS, for each outfall list the estimated level of production (projection of actual production level, not design), expressed in the terms and units used in the applicable effluent guideline or NSPS, for each of the first 3 years of operation. If production is likely to vary, you may also submit alternative estimates (attach a separate sheet).								
Year	A. Quantity Per Day	B. Units Of Measure		c. Ope	eration, Product, Ma	terial, etc. (specify)		

l l	

V. Effluent Characteristics

A and B: These items require you to report estimated amounts (both concentration and mass) of the pollutants to be discharged from each of your outfalls. Each part of this item addresses a different set of pollutants and should be completed in accordance with the specific instructions for that part. Data for each outfall should be on a separate page. Attach additional sheets of paper if necessary.

General Instructions (See table 2D-2 for Pollutants)

Each part of this item requests you to provide an estimated daily maximum and average for certain pollutants and the source of information. Data for all pollutants in Group A, for all outfalls, must be submitted unless waived by the permitting authority. For all outfalls, data for pollutants in Group B should be reported only for pollutants which you believe will be present or are limited directly by an effluent limitations guideline or NSPS or indirectly through limitations on an indicator pollutant.

indirectly through limitations on ar		·		
1. Pollutant	2. Maximum Daily Value (include units)	3. Average Daily Value (include units)	4. Source (see instructions)	
Flow	4 mg/d	4 mg/d	See Attachment B for all pollutants	
BOD	849 kg/d	849 kg/d		
TSS	296 kg/d	296 kg/d		
Nitrogen	844 kg/d	844 kg/d		
Phosphorus	15.7 kg/d	15.7 kg/d		
Ammonia	100 lbs/d	100 lbs/d		
Temp (Winter)	60°	55°		
Temp (Summer)	64°	58°		
pН	6.0-8.0 lbs/day6.0-8.0 lbs/day			
COD	1,075 kg/d	1,075 kg/day		
			11 Marie A. A	
Allo Manara II.				
	· ·		The state of the s	
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CONTINUED FROM THE FRONT	EPA I.D. NUMBER (copy from Item 1 of Form 1)				
Use the space below to list any of the pol discharged from any outfall. For every pollut	I lutants listed in Table 2D-3 of the instructions whi ant you list, briefly describe the reasons you believe	I ch you know or have reason to believe will be at will be present.			
	2. Reason for Discharge				
Formalin (Parasite-S): Active ingredient 37% formaldehyde (considered as 100% saturated solution)	Used for control of fungus on eggs parasites (e.g. Ichthyobodo, Episty monogenean trematodes (Gyrodac from 25 to 1000 ppm depending on liters/yr.	lis, Trichodina, etc) or tylus) Typical dose range			
VI. Engineering Report on Wastewater Treatm					
A. If there is any technical evaluation conce appropriate box below. Report Available	rning your wastewater treatment, including engine	eering reports or pilot plant studies, check the			
	ing plant(s) which, to the best of your knowledge i	resembles this production facility with respect to			
production processes, wastewater constituents, or wastewater treatments.					
Name	Location				
Salmones Camanchaca S.A, Rio Petrohué site	Chile				

VII. Other Information (Optional)		
Use the space below to expand upon any of the ab considered in establishing permit limitations for the	ove questions or to bring to the attention of the rev proposed facility. Attach additional sheets if neces	viewer any other information you feel should be ssary.
(III OFFITIOATIC)		
I certify under penalty of law that this document ar designed to assure that qualified personnel proper who manage the system, or those persons directly knowledge and belief, true, accurate, and comple possibility of fine and imprisonment for knowing vice	rly gather and evaluate the information submitted. ctly responsible for gathering the information, th te. I am aware that there are significant penalties	Based on my inquiry of the person or persons be information submitted is, to the best of my
A. Name and Official Title (type or print)		B. Phone No.
Robert Piasio, Chief Executive Offi	cer, Whole Oceans, LLC	(203) 918-1863
C. Signature		D. Date Signed June 1, 2018
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