Alaska Department of Environmental Conservation

Division of Water

Authorization to Discharge

AUTHORIZATION TO DISCHARGE UNDER THE
ALASKA POLLUTANT DISCHARGE ELIMINATION SYSTEM
FOR
AQUACUTLURE FACILITIES IN ALASKA

FACILITY ASSIGNED AUTHORIZATION NUMBER: AKG130004

GENERAL PERMIT NUMBER: AKG130000
See General Permit for all permit requirements

The following facility is authorized to discharge in accordance with the terms of the State of Alaska General Permit AKG130000 and any site specific requirements listed in this authorization.

The authorization effective date is **July 18, 2018**

The authorization to discharge shall expire at midnight, **February 28, 2023**

The permittee shall reapply for a permit reissuance on or before **September 1, 2022**, 180 days prior to the expiration of the general permit.

SECTION 1 – RESPONSIBLE PARTY

Issued to: Steve Reifenstuhl, General Manager, Northern Southeast Regional Aquaculture Association (NSRAA)

SECTION 2 – FACILITY INFORMATION

Facility Name	Hidden Falls Aquaculture Facility
Facility Physical Location Description	Kasnyku Bay, E Baranof Island (22 air miles from Sitka, AK)

Outfall	Latitude	Longitude	Receiving Water
Outfall 001	57.2184	-134.8698	Kasnyku Bay
Outfall 002	57.2171	-134.8734	Kasnyku Bay
Outfall 003	57.2168	-134.8742	Kasnyku Bay
Outfall 004	57.2168	-134.8740	Kasnyku Bay
Outfall 005	57.2170	-134.8735	Kasnyku Bay
Outfall 006	57.2169	-134.8737	Kasnyku Bay
Outfall 007	57.2170	-134.8735	Kasnyku Bay
Outfall 010	57.2170	-134.8735	Kasnyku Bay

SECTION 3 – OUTFALL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS	
EFFLUENT LIMITATIONS	
Compliance Point	After the last facility structure before discharge into receiving waters or to subsequent mixing with other water flows.
MONITORING REQUIREMENTS	
Flow Through / Recirculating	Refer to Table 2 in General Permit
Receiving Water	Refer to Table 3 in General Permit
Disinfection	Refer to Table 4 in General Permit
Net Pen	Refer to Part 3.3 in General Permit

SECTION 4 – NET PENS

Latitude	Longitude	Receiving Water
57.2116	-134.8620	Kasnyku Bay - Site 1
57.2162	-134.8691	Kasnyku Bay - Site 2
57.1447	-134.8310	Takatz Bay
56.9942	-132.8300	Thomas Bay
56.5190	-134.6829	Deer Lake
56.5159	-134.6707	Mist Cove
56.2424	-134.2067	Port Malmesbury

Net Pen Special Conditions and Sampling**:** None

SECTION 5 – CARCASS DISPOSAL PLAN

Disposal Method:	☒ Ground	☐ Whole	
Disposal Site	**Latitude**	**Longitude**	**Receiving Water**
Broodstock Carcasses	57.2179	-134.866	Kasnyku Bay
Disposal Method:	☐ Ground	☒ Whole	
Disposal Site	**Latitude**	**Longitude**	**Receiving Water**
Mortalities and Broodstock Carcasses	56.5202	-134.6523	Mist Cove
Mortalities	57.2179	-134.866	Kasnyku Bay
Mortalities	56.5174	-134.6754	Deer Creek
Mortalities	57.1490	-134.8314	Takatz Bay
Mortalities	56.9929	-132.8265	Thomas Bay
Mortalities	56.2415	-134.2104	Port Malmesbury

SECTION 6 – ZONE OF DEPOSIT

Zone of Deposit Size:	1 acre
Zone of Deposit/Outfall Location:	Latitude 57.2179, Longitude -134.866

Zone of Deposit Seafloor Survey: The permittee shall conduct annual seafloor surveys within the zone of deposit (ZOD) to evaluate compliance with Alaska water quality criteria for residues in marine waters and to determine the extent of ground waste accumulations on the seafloor. The surveys shall be conducted within 60 days after cessation of the ground waste discharge for the season, starting in 2018. Based on the seafloor survey results and residue accumulation, the permittee may request a reduction in the annual seafloor survey frequency requirement.

The 2018 seafloor survey shall include both the previously-permitted ZOD location under prior permit AKG520549 (57.2182, -134.8637) and the new ZOD location approved in this authorization.

The permittee shall use a DEC-approved seafloor survey protocol. Seafloor survey results shall be documented as part of the annual report.

SECTION 7 – SITE SPECIFIC REQUIREMENTS

The permittee must ensure during outfall installation that the terminus is to a depth of at least -60 ft MLLW, to comply with the ground carcass discharge depth requirement in Permit Part 4.3.5.

The permittee shall develop and implement Best Management Practices (BMPs) to minimize the discharge of chlorine to the extent practicable. The BMPs must be included in the facility's Operations and Maintenance Plan and made available to the Department upon request. The permittee shall monitor total residual chlorine through grab sampling of the effluent from Outfall 006 and from Outfall 010 one time per week throughout the chum, chinook, and coho salmon egg takes at the Hidden Falls facility. The samples shall be analyzed using a test method in compliance with Permit Part 3.1.1, and the results shall be documented as part of the annual report.

This authorization does not cover discharges of domestic wastewater, drinking water filtration backwash, or stormwater associated with industrial activity to waters of the United States. The permittee is required to obtain authorization for these discharges to waters of the United States separately.

SECTION 8 – DEC STAFF CONTACT

If you have any technical questions regarding this authorization or the requirements of the general permit, please contact Anne Weaver at anne.weaver@alaska.gov or (907) 269-7483

If you have questions regarding compliance with any permit or authorization requirement, please call:

- Southeast Alaska: Jon Wendel at Jon.Wendel@alaska.gov or (907) 465-5364
- Southcentral Alaska: Katrina Chambon at Katrina.Chambon@alaska.gov or (907) 269-7550

A permittee shall orally report any noncompliance event that may endanger health or the environment within 24 hours after the permittee becomes aware of the circumstances and in writing within five days after the permittee becomes aware of the circumstances. Please use the phone numbers and addresses below to report noncompliance events. Additional information regarding twenty-four hour reporting may be found in Appendix A of General Permit AKG13000. The required written follow-up notification can be sent via fax, email, or U.S. Postal Service.

Alaska Department of Environmental Conservation Attn: Compliance and Enforcement Program 555 Cordova Street Anchorage, Alaska 99501	Toll Free Nationwide: 1-800-569-4114 Anchorage or International: 1-907-269-4114 Fax: 1-907-269-4604 Email: dec-wqreporting@alaska.gov

SECTION 9 – CERTIFICATION/SIGNATURE

Earl L. Crapps
Signature

July 18, 2018
Date

Earl L. Crapps
Printed Name

Section Manager Domestic & Industrial Utilities
Title