



Alaska Department of Environmental Conservation

Division of Water

Authorization to Discharge – Modification #5

**AUTHORIZATION TO DISCHARGE UNDER THE
 ALASKA POLLUTANT DISCHARGE ELIMINATION SYSTEM
 FOR
 OFFSHORE SEAFOOD PROCESSORS IN ALASKA**
FACILITY ASSIGNED AUTHORIZATION NUMBER: AKG523030
GENERAL PERMIT NUMBER: AKG523000
 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 AKG523000 and any site specific requirements listed in this authorization.

The modified authorization effective date is **DRAFT**

The authorization to discharge shall expire at midnight, **December 31, 2023**

The permittee shall reapply for a permit reissuance on or before **October 1, 2023**, 90 days prior to the expiration of the general permit.

SECTION 1 – RESPONSIBLE PARTY

Issued to: Chris Pugmire, Icicle Seafoods, Inc.

SECTION 2 – VESSEL INFORMATION

Vessel Name	Gordon Jensen		
Vessel Category	Stationary offshore processing vessel discharging from shore to 3.0 nm from shore at MLLW, or baseline		
Discharge Site Location	Latitude	Longitude	Receiving Water
Kuluk Bay - Site 1	51.88183	-176.58	Sitkin Sound
Kuluk Bay - Site 2	51.89292	-176.59475	Sitkin Sound
Nazan Bay - Site 1	52.205	-174.10667	Bering Sea
Nazan Bay - Site 2	52.21667	-174.17667	Bering Sea
Broad Bay	53.927733	-166.63348	Unalaska Bay
Viekoda Bay - Site 1	57.923600	-153.260570	Kupreanof Strait
Viekoda Bay - Site 2	57.936233	-153.292650	Kupreanof Strait
Viekoda Bay - Site 3	57.948050	-153.319030	Kupreanof Strait
Togiak Bay - Anchor Point	58.944950	-160.344480	Togiak Bay
Anchor Point - Site 1	58.91861	-160.3425	Togiak Bay
Anchor Point - Site 2	58.94973	-160.34797	Togiak Bay
Anchor Point - Site 3	58.92833	-160.33833	Togiak Bay
Cape Vancouver / Kangirlvar Bay	60.47742	-165.22703	Etolin Strait
Clarks Point - Site 1	58.821717	-158.588300	Nushagak River
Clarks Point - Site 2	58.8431	-158.5776	Nushagak Bay
Clarks Point - Site 3	58.81967	-158.592683	Nushagak Bay
Clarks Point - Site 4	58.833333	-158.593750	Nushagak River
Naknek Y - Site 1	58.70667	-157.23667	Kvichak Bay

Naknek Y - Site 2	58.71194	-157.235278	Kvichak Bay
Naknek Y - Site 3	58.70194	-157.266389	Kvichak Bay
Naknek Y - Site 4	58.69972	-157.273611	Kvichak Bay
Naknek Y - Site 5	58.68207	-157.29625	Kvichak Bay
Saginaw Bay	56.88283	-134.18138	Frederick Sound
Frederick Sound	56.91643	-132.96407	Chatham Strait
Port Conclusion	56.26582	-134.66152	Chatham Strait
Warm Chuck Inlet-1	55.740167	-133.490167	Tonowek Bay
Warm Chuck Inlet-2	55.750000	-133.4975	Tonowek Bay
Steamboat Bay	55.55437	-133.635553	Arriaga Passage
Dillingham (Nushagak)	59.030100	-158.4915	Nushagak River
McPherson Bay - Site 1	60.659700	-147.37697	Prince William Sound
McPherson Bay - Site 2	60.669533	-147.34932	Prince William Sound
Unakwik Inlet	60.965000	-147.60333	Prince William Sound
Jack Bay	61.03333	-146.62167	Valdez Arm - PWS
Galena Bay	60.935	-146.61167	Valdez Arm - PWS
Boulder Bay	60.86	-146.65	Port Fidalgo - PWS
Two Moon Bay	60.75928	-146.55792	Port Fidalgo - PWS
Mummy Bay	60.2145	-147.82238	Knight Island Passage - PWS
Sawmill Bay	60.05922	-148.03387	Erlington Passage - PWS
Squirrel Bay	60.00272	-148.1441	Prince of Wales Passage - PWS
Shelter Bay	60.13368	-147.9479	Knight Island Passage - PWS
Sea Otter Sound	55.8028	-133.447213	Davidson Inlet
Port Graham - Site 1	59.36	-151.8475	Cook Inlet
Port Graham - Site 2	59.3595	-151.8315	Cook Inlet
Harry Bay	54.815800	-130.778600	Nakat Bay
Foggy Bay	54.938367	-130.957130	Revillagigedo Channel
Bold Island	55.263100	-131.428170	Revillagigedo Channel
Ray Anchorage	54.936350	-131.233080	Revillagigedo Channel
Tamgas Harbor	55.040967	-131.515280	Felice Strait
Wide Bay - Mooring Buoy	53.95015	-166.61265	Unalaska Bay
Wide Bay - Site 2	53.94877	-166.61498	Unalaska Bay
Port Moller	55.8825	-160.825	Herendeen Bay
Port Moller #2	55.87073	-160.86385	Herendeen Bay
Port Moller #3	55.91428	-160.73903	Herendeen Bay
Port Moller #4	55.9132	-160.74892	Herendeen Bay
Port Moller #5	55.87865	-160.84427	Herendeen Bay
Port Moller #6	55.76027	-160.75237	Herendeen Bay
St. Matthew Island - Site 1	60.40167	-172.511111	Bering Sea
St. Matthew Island - Site 2	60.29444	-172.4	Bering Sea
Alitak Bay - Humpy Cove	56.86995	-154.0197	Alitak Bay
Portage Bay	56.93978	-153.89688	Alitak Bay
Kiliuda Bay - Site 1	57.30637	-152.971398	Gulf of Alaska
Kiliuda Bay - Site 2	57.307	-153.12347	Gulf of Alaska
Uyak Bay - Site 1	57.55267	-153.91217	Shelikof Strait
Uyak Bay - Site 2	57.42742	-153.86667	Shelikof Strait

Uganik Bay	57.72417	-153.5322	Shelikof Strait
Kizhuyak Bay - Site 1	57.87765	-152.78705	Marmot Bay
Kizhuyak Bay - Site 2	57.87567	-152.7422	Marmot Bay
Kizhuyak Bay - Site 3	57.81277	-152.87008	Marmot Bay
Norton Sound - Elim Site 1	64.58596	-162.2027	Norton Sound
Norton Sound - Elim Site 2	64.59666	-162.17	Norton Sound
Norton Sound - Elim Site 3	64.60667	-162.15367	Norton Sound
Norton Bay - Elim Site 4	64.615	-162.14833	Norton Sound
Norton Bay - Elim Site 5	64.62397	-162.1405	Norton Sound
Golovin Bay	64.42317	-163.06333	Norton Sound
Norton Sound - Besboro Island Site 3	64.13565	-161.22327	Norton Sound
Norton Sound - Besboro Island Site 4	64.12698	-161.33865	Norton Sound
Norton Sound - Besboro Island Site 5	64.12813	-161.18818	Norton Sound
Norton Sound - Unalakleet Site 1	63.85853	-160.89498	Norton Sound
Norton Sound - Unalakleet Site 2	63.85032	-160.88887	Norton Sound
Norton Sound - Unalakleet Site 3	63.84525	-160.92013	Norton Sound

SECTION 3 – OUTFALL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**EFFLUENT LIMITATIONS**

Compliance Point	After the last vessel structure before discharge into receiving waters or to subsequent mixing with other water flows.
Amount of Seafood Waste Discharge Limitation	<p>A permittee shall not discharge a cumulative amount (by weight) of seafood processing waste on a daily or annual basis which exceeds the amount for each single location and area of operation as projected on the Notice of Intent submitted on February 12, 2021 and revised on February 25, 2021. Discharge maximums are listed for each specific discharge location on the NOI. These maximum discharges are cumulative totals for all vessels proposed to discharge (Gordon Jensen or R.M. Thorstenson) for each single discharge location.</p> <p>Where discharges from multiple vessels may be occurring at identical locations or single areas of operation sites, and are within 1.0 nm from shore - No more than 3,300,000 lbs. of seafood waste, cumulatively between all vessels, shall be discharged at each site.</p>

MONITORING REQUIREMENTS

Seafood Processing Effluent	Refer to Table 2 and 3 in General Permit
MSD System	Refer to Table 4 in General Permit
Graywater System	Refer to Table 5 in General Permit
Non-commingled Effluent	Refer to Table 6 in General Permit

SECTION 4 – RECEIVING WATER

Latitude	Longitude	Receiving Water
As designated on the NOI	As designated on the NOI	As designated on the NOI
Receiving Water Monitoring Requirements	Refer to Table 7, 8 and 9 in General Permit	

SECTION 5 – MIXING ZONE

Mixing Zone Compliance Point:	All Alaska Water Quality Standards shall be met at the boundary of each authorized mixing zone at each single discharge location within an authorized area of operation.
Mixing Zone Authorization:	The discharge is assigned a mixing zone at each discharge location within an authorized area of operation listed in the NOI.
Mixing Zone Description:	The mixing zone size for each discharge location within an authorized area of operation listed in the NOI is the standard mixing zone, a circle with a 100 foot radius centered on the outfall terminus extending from the seafloor to the sea surface.
Water quality criteria that may be exceeded:	Dissolved gas, oil and grease (O&G – polar), pH, temperature, color, turbidity, residues, fecal coliform and enterococci bacteria, and total residual chlorine.

SECTION 6 – ZONE OF DEPOSITZone of Deposit Authorized? Yes No

The discharge is assigned a 1-Acre Zone of Deposit at each discharge location as listed below.

A Zone of Deposit is not authorized at any discharge location within 3.0 nm of the Pribilof Islands.

Zone of Deposit Location	Latitude	Longitude	Size of ZOD	Receiving Water
Togiak Bay – Anchor Point	58.944950	-160.344480	1 Acre	Bristol Bay
Anchor Point – Site 1	58.918611	-160.342500	1 Acre	Bristol Bay
Anchor Point – Site 2	58.949733	-160.347970	1 Acre	Bristol Bay
Anchor Point – Site 3	58.928333	-160.338330	1 Acre	Bristol Bay
Cape Vancouver/Kangirlvar Bay	60.477418	-165.227030	1 Acre	Etolin Strait
Clarks Point – Site 1	58.821717	-158.588300	1 Acre	Nushagak Bay
Clarks Point – Site 2	58.843100	-158.577600	1 Acre	Nushagak Bay
Clarks Point – Site 3	58.819667	-158.592683	1 Acre	Nushagak Bay
Clarks Point – Site 4	58.833333	-158.593750	1 Acre	Nushagak Bay
Naknek Y – Site 3	58.701944	-157.266389	1 Acre	Kvichak Bay
Unakwik Inlet	60.965000	-147.603330	1 Acre	Prince William Sound
Jack Bay	61.033333	-146.621670	1 Acre	Valdez Arm
Galena Bay	60.935000	-146.611670	1 Acre	Valdez Arm
Boulder Bay	60.860000	-146.650000	1 Acre	Port Fidalgo
Sea Otter Sound	55.802798	-133.447213	1 Acre	Davidson Inlet
Port Graham – Site 1	59.360000	-151.847500	1 Acre	Port Graham
Port Graham – Site 2	59.359500	-151.831500	1 Acre	Port Graham
Foggy Bay	54.938367	-130.957130	1 Acre	Revillagigedo Channel

Zone of Deposit Seafloor Survey: For each location where the permittee meets the applicability requirements found in Permit Part 2.3.4.1, the Permittee shall conduct a seafloor survey within the zone of deposit 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 survey shall be conducted within 60 days after cessation of the ground waste discharge for the season. Based on the seafloor survey results and residue accumulation, the permittee shall follow the seafloor monitoring schedule in Permit Table 10. 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

Excluded Area Site Specific Requirements

- 1) Permittees shall have an individual on the vessel trained and capable of identifying the listed endangered and threatened species (e.g., spectacled eiders, Steller's eiders, Northern sea otters, sea lions, etc.). Provide reports of sightings(s), including injured or dead animals with the required Sea Surface Monitoring Report.
- 2) Permittees shall minimize the discharge of bilge water within the critical habitat area unless it is for safety reasons. If bilge water shall be discharged for safety reasons, use oil/water separators or similar treatment technology on the outgoing bilge line.
- 3) Permittees that transfer fuel in or within 1.0 nm of the critical habitat area shall comply with all federal and state regulations for the prevention of, preparedness for, and response to oil discharges requirements. Permittees shall have written procedures in their BMP Plan for spill response, store adequate oil and fuel clean-up equipment on-board and at fuel transfer locations.
- 4) Sea Otter Critical Habitat. When moving to an approved discharge location and/or area(s)- of-operation in or near sea otter critical habitat, the permittee should follow recommended vessel strike avoidance measures to reduce the risk of collisions with sea otters.
- 5) Norton Sound Spectacled Eider Critical Habitat Unit. Discharges within 1.0 nm of shore must only be used when necessary for the protection of the vessel and crew during adverse weather or sea conditions. Discharges to NSCHA are not authorized June 24 – October 31. Permittees must comply will all stipulations in Permit Part 1.8.2.4.6.3.

Other Site Specific Requirements

- 1) The discharge location named Warm Chuck Inlet-2 (Located in Tonowek Bay) is within 0.25 nautical miles of shore and is intended to only be used in situations when the vessel can demonstrate that discharges are necessary for the protection of the vessel and crew during adverse weather or sea conditions(Permit Part 2.1.3.3).

SECTION 8 – Electronic Reporting (E-Reporting) Rule for Discharge Monitoring Reports (DMR)

The permittee must submit DMR data electronically through NetDMR per Phase I of the E-Reporting Rule (40 CFR 127) upon the effective date of the Permit. Authorized persons may access permit information by logging into the NetDMR Portal (<https://cdxnodengn.epa.gov/oeca-netdmr-web/action/login>). DMRs submitted in compliance with the E-Reporting Rule are not required to be submitted as described in Appendix A – Standard Conditions unless requested or approved by the Department. Any DMR data required by the Permit that cannot be reported in a NetDMR field (e.g. mixing zone receiving water data, etc...), shall be included as an attachment to the NetDMR submittal. DEC has established an e-Reporting Information website at <http://dec.alaska.gov/water/compliance/electronic-reporting-rule> that contains general information about this new reporting format. Training materials and webinars for NetDMR can be found at <https://netdmr.zendesk.com/home>.

SECTION 9 – DEC STAFF CONTACT

If you have any technical questions regarding this authorization or the requirements of the general permit, please contact Jackie Ebert at jackie.ebert@alaska.gov or (907) 465-5336.

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

- Katrina Chambon at Katrina.Chambon@alaska.gov or (907) 269-7550

If you have questions regarding NetDMR, please contact Jessica Davison at Jessica.Davison@alaska.gov or (907) 451-2104.

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 AKG523000. 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-wgreporting@alaska.gov

SECTION 10 – CERTIFICATION/SIGNATURE

DRAFT

Signature

Earl L. Crapps

Printed Name

DRAFT

Date

Section Manager Domestic & Industrial Utilities

Title


SECTION 11 – ATTACHMENTS

The following AKG523000 Offshore Seafood Processor reporting forms are available electronically by clicking on the icons immediately following the form title.


AKG523000 Offshore Seafood Annual Report Form 

AKG523000 Annual Report Attachment E-1 

AKG523000 Annual Report Attachment E-2 

Attachment B Seafood Waste Size and Waste Conveyance Inspection Form 

Attachment C Sea Surface Log Form 

Attachment D Seafloor Survey and Transect Form 

Attachment F QAPP/BMP Certification Form 

Attachment G Notice of Termination Form 