



Alaska Department of Environmental Conservation
Division of Water
Authorization to Discharge - Draft

**AUTHORIZATION TO DISCHARGE UNDER THE
ALASKA POLLUTANT DISCHARGE ELIMINATION SYSTEM (APDES) FOR
WASTEWATER DISCHARGES FROM DRINKING WATER TREATMENT FACILITIES**

FACILITY ASSIGNED AUTHORIZATION NUMBER: AKG380014

GENERAL PERMIT NUMBER: AKG380000

See this 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 AKG380000 and any site specific requirements listed in this authorization.

The authorization effective date is **DRAFT**

The authorization to discharge shall expire at midnight, **July 31, 2024**

The permittee shall reapply for a permit reissuance on or before **February 1, 2024**, 180 days prior to the expiration of the general permit.

SECTION 1 – RESPONSIBLE PARTY

Issued to: Trident Seafoods

SECTION 2 – FACILITY INFORMATION

Facility Name: Trident Seafoods Sand Point Shore Plant

Facility Location: Sand Point

Type of Discharge: Conventional/Direct

Outfall 001A Location:	Latitude: 55.3368° North	Longitude: 160.5094° West
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Raw Water Source: Surface Water

Waterbody Discharged to: Popof Strait

Maximum Estimated Daily Flow: 5,600 gallons per day once or twice a week

SECTION 3 – OUTFALL 001A EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Effluent Compliance Point: prior to comingling with seafood processing wastewater and discharge to Popof Strait.

Effluent Parameter ^a	Units ^b	Daily Minimum	Monthly Average	Maximum Daily	Sample Frequency	Sample Type
Total Residual Chlorine (TRC)	mg/L	N/A	N/A	1.0	1/Month	Grab
pH	SU	6.5	N/A	8.5	1/Month	Grab
Arsenic	µg/L	N/A	36	69	1/Month	Grab
Copper	µg/L	N/A	N/A	Report	2/Year	Grab
Dissolved Oxygen	mg/L	Report	N/A	N/A	1/Month	Grab
Lead	µg/L	N/A	N/A	Report	2/Year	Grab
Manganese	µg/L	N/A	N/A	Report	2/Year	Grab
Salinity	ppt	N/A	N/A	Report	2/Year	Grab
Temperature	°C	N/A	N/A	Report	1/Month	Grab
Total Ammonia, as Nitrogen	mg/L	N/A	N/A	Report	1/Month	Grab
Total Discharge Flow	gpd	N/A	N/A	Report	Continuous	Measured
Trihalomethanes	mg/L	N/A	N/A	Report	2/Year	Grab
Turbidity	NTU	N/A	N/A	Report	2/Year	Grab
Zinc	µg/L	N/A	N/A	Report	2/Year	Grab
Total Suspended Solids	mg/L	N/A	N/A	Report	2/Year	Grab

Footnotes:

- a. All metals concentrations shall be reported as total recoverable metal.
- b. °C (degrees Celsius), gpd (gallons per day), mg/L (milligrams per liter), NTU (Nephelometric Turbidity Units), ppt (parts per thousand), SU (standard units), µg/L (micrograms per liter)
- c. Twice per year consists of one sample taken during April 1– June 30 and one sample taken during July 1 - September 30.

SECTION 4 – MIXING ZONE AUTHORIZATION

Mixing Zone Authorization: Acute and chronic mixing zones are authorized for arsenic, copper, manganese, total residual chlorine and turbidity.

The acute mixing zone size is defined as 121 feet long by 42 feet wide centered over the diffuser.

The chronic mixing zone size is defined as 133 feet long by 66 feet wide centered over the diffuser.

SECTION 5 – RECEIVING WATERBODY MONITORING REQUIREMENTS

Parameter	Units ^a	Sample Frequency	Sample Type
pH ^b	s.u.	2/ Year ^c	Grab
Temperature ^b	° C	2/ Year	Grab
Salinity ^b	ppt	2/ Year	Grab

Footnotes:

- ° C (degrees Celsius), ppt (parts per thousand), s.u. (standard units)
- pH, temperature, and salinity monitoring should occur to the extent practicable at the same time as effluent ammonia and salinity monitoring.
- Twice per year means two time periods during the calendar year: October through April and May through September.

SECTION 6- 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 7 – DEC STAFF CONTACTS

If you have any technical questions regarding this authorization or the requirements of the general permit AKG380000, please contact Marie Klingman at marie.klingman@alaska.gov or (907) 451-2101.

If you have questions regarding NetDMR, please contact Amber Bennett at amber.bennett@alaska.gov or (907) 451- 2130.

If you have questions regarding compliance with any permit or authorization requirement, please contact 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 AKG380000. 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: 1-877-569-4114
Anchorage or International: 1-907-269-4114
Fax: 1-907-269-4604
email: dec-wqreporting@alaska.gov

SECTION 8- CERTIFICATION/SIGNATURE

DRAFT

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Signature

Date

Earl L. Crapps

Section Manager Domestic & Industrial Utilities

Printed Name

Title