



NOTICE OF REVIEW

APDES Preliminary Draft Permit

Alaska Department of Environmental Conservation (DEC)
Wastewater Discharge Authorization Program
555 Cordova Street
Anchorage, Alaska 99501

NOTICE OF REVIEW OF AN ALASKA POLLUTANT DISCHARGE ELIMINATION SYSTEM (APDES) **PRELIMINARY DRAFT PERMIT** TO DISCHARGE TO WATERS OF THE UNITED STATES

DEC has prepared an APDES preliminary draft permit for the Nikiski Combined Cycle Plant. The Preliminary Draft Permit and associated documents are available to the applicant for a 10-day review. Following the close of the 10-day applicant review period, DEC will prepare a draft permit and fact sheet for a formal 30-day public review period. Public comments will be accepted during the formal 30-day review period. You can access the documents on DEC's Wastewater Discharge Authorization Program webpage at:

<https://dec.alaska.gov/water/wastewater/>

DEC Contact: Marie Klingman, 610 University Avenue, Fairbanks, AK 99709; 907-451-2101;
Marie.Klingman@alaska.gov

Preliminary Draft Permit Review:

Start Date: April 11, 2024

End Date: April 24, 2024

Permit Number: AK0053619

Applicant:

Alaska Electric and Energy Cooperative, Inc.
Nikiski Combined Cycle Plant
Mile 21.5 Kenai Spur Highway, Kenai, AK 99611
280 Airport Way, Kenai AK 99611-5280

Proposed Project and Location:

Facility Activity:

Discharge of intermittent, low-volume wastewater from the Nikiski Combined Cycle Plant. The waste stream consists of first-stage reverse osmosis reject and wastewater from water treatment building sinks and floor drains. Discharge shall occur at a daily maximum flow rate of 42,000 gallons per day

Discharge Location:

The Nikiski Combined Cycle Plant discharges into Cook Inlet at 60.6759293' North latitude and 151.3953853' West longitude.

Mixing Zones:

Mixing zones are proposed for arsenic, copper, manganese, temperature, and whole effluent toxicity. The chronic mixing zone measures 9.3 meters long and 0.36 meters wide. The acute mixing zone, contained within the chronic mixing zone, measures 2.9 meters long and 0.04 meters wide.

Administrative Record:

The APDES preliminary draft permit, fact sheet, and associated documents are available for public review at the DEC offices located in Anchorage, Fairbanks, Juneau, Soldotna, and Wasilla. Please contact the office of your choice to arrange for hard copies of the documents to be available for your review.

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Anchorage, AK 99501
907-269-6285

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Fairbanks, AK 99709
907-451-2100

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Location: 410 Willoughby Street, Suite 303
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907-465-5300

43335 Kalifornsky Beach Road
Soldotna, AK 99615
907-262-5210

1700 E Bogard Road #B Suite #103
Wasilla, AK 99654
907-376-1850

If you would like to see any additional supporting technical documents, contact Marie Klingman. The documents are also accessible from the DEC website at: <https://dec.alaska.gov/water/wastewater/>

Disability Reasonable Accommodation Notice

The State of Alaska, Department of Environmental Conservation complies with Title II of the Americans with Disabilities Act of 1990. If you are a person with a disability who may need a reasonable accommodation in order to participate in this public process, please contact Megan Kohler at 907-269-4198 or TDD Relay Service 1-800-770-8973/TTY or dial 711 to ensure that any necessary accommodations can be provided in a timely manner.