



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

ADEC has prepared an APDES preliminary draft permit for Chugach Electric Association's Beluga Power 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: <http://www.dec.state.ak.us/water/wwdp/index.htm>

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Preliminary Draft Permit Review:

Start Date: Tuesday, November 10, 2015
End Date: Tuesday, November 24, 2015 5:00 pm Alaska Standard Time

Permit No.: AK0026603

Applicant: Chugach Electric Association
Beluga Power Plant
West Side of Cook Inlet
PO Box 196300
Anchorage AK 99515-6300

Proposed Project and Location:

Chugach Electric Association operates the Beluga Power Plant (BPP) on the West side of Cook Inlet. The BPP generates electricity through the combustion of natural gas, which powers turbines, including a steam turbine, which captures excess heat and uses it to generate steam. The BPP discharges wastewater associated with electrical power generation including filter backwash, water softener/de-mineralizer regeneration wastewater, wastewater collected in floor drains, and continuous boiler blowdown. Filter backwash and softener/de-mineralizer regeneration wastewater is treated to neutralize pH, travels to an effluent cooling pond prior to discharge. Some wastewater, specifically floor drains in the boiler and turbine areas, is treated with an oil and water separator. The BPP is an intermittent discharge, totaling no more than 27,000 gallons per day calculated as a quarterly average. The discharge occurs to Krause Creek, a freshwater stream that eventually reaches Cook Inlet. Krause Creek is designated as an anadromous stream East of the Beluga Highway, and the BPP discharges to Krause Creek West of the Beluga Highway. No mixing zone is proposed or authorized and effluent limits proposed are to be met at the end of the pipe.

Administrative Record:

The APDES preliminary draft permit, fact sheet, and associated documents are available for public review at the ADEC 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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610 University Avenue
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If you would like to see any additional supporting technical documents, contact Melinda Smodey. The documents are also accessible from the DEC website at:

<http://www.dec.state.ak.us/water/wwdp/index.htm>

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 special accommodation in order to participate in this review, please contact Natalie Wolfe at (907) 269-0291 or TDD Relay Service 1-800-770-8973/TTY or dial 711 within 10 days of publication of this notice to ensure that any necessary accommodations can be provided.