



# 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 City of Valdez, Valdez Wastewater Treatment Facility. 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:** February 17, 2015  
**End Date:** March 4, 2015 at 5:00 pm

**Permit No.:** AK0021431

### **Applicant:**

City of Valdez  
Valdez Wastewater Treatment Facility  
PO Box 307  
Valdez, Alaska 99686

**Proposed Project and Location:**

The Valdez Wastewater Treatment Facility is a Publicly Owned Treatment Works that provides secondary treatment of domestic wastewater from the City of Valdez. The discharge is secondary treated domestic wastewater with an average daily flow of 1.09 million gallons per day. The main pollutants monitored in this discharge are biochemical oxygen demand, total suspended solids, fecal coliform bacteria, enterococci bacteria, pH, dissolved oxygen, total chlorine residual, total ammonia, total recoverable copper, temperature, and chronic whole effluent toxicity.

A chronic mixing zone size as a rectangle with a width of 66 feet and a length of 44 feet centered on the diffuser, from the seafloor to the surface is authorized for: ammonia, fecal coliform bacteria, WET, and total residual chlorine. The mixing zone size was driven by the dilution required for ammonia. The dilution factor for the chronic mixing zone is 21.2. Furthermore, an acute mixing zone size as a width of 62 feet and a length of 8 feet centered on the diffuser, from the seafloor to the surface, is established per 18 AAC 70.255 for ammonia and total residual chlorine. The dilution factor for the acute mixing zone is 4.2

The City of Valdez operates the Valdez Wastewater Treatment Facility. The treated wastewater from the facility is discharged to the Port of Valdez.

**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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**Anchorage**, AK 99501  
907-269-6285

610 University Avenue  
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907-451-2100

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**Wasilla**, AK 99654  
907-376-1850

If you would like to see any additional supporting technical documents, contact Mike Martz.

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.