



Notice of Intent (NOI) Attachment

AKG002000 – Excavation Dewatering General Permit

REQUEST FOR 500 FT MIXING ZONE FOR TURBIDITY AND RESIDUES

Project/Site Information						
Project/Site Name:						
Estimated Project Start Date:				Estimated Project Completion Date:		
Project Location	Street:					
	City:			State:	Alaska	Zip:
	Latitude:		Longitude:		Coordinate Source:	

Discharge Information						
Discharge Location:	Latitude:		Longitude:		Coordinate Source:	
Waterbody Name:						
Discharge Flow Rates:	Average Daily Discharge Flow Rate:			gallons per minute (GPM)		
	Maximum Daily Discharge Flow Rate			gallons per minute (GPM)		
	Maximum Volume			gallons per day (GPD)		
	Total Anticipated Discharge			gallons		
	Discharge velocity at the end of pipe			feet per second (fps)		
<p>SITE MAPS: Submit a site map showing the exact location. Submit a vicinity map (topographic map or aerial photograph) showing the general location of the requested mixing zone. Provide a detailed site plan showing the elements associated with the discharge and the receiving water flow direction, discharge point, and environmental mapping elements (See receiving water data).</p>						
<p>IDENTIFY THE TIME PERIOD OR SEASON OF DISCHARGE:</p>						

Receiving Water Information			
<p>THE FOLLOWING INFORMATION MUST BE PROVIDED IF REQUESTING A MIXING ZONE. The NOI and all requested information will be reviewed to determine if the discharges associated with the mixing zone request are consistent with the permit conditions and that the site conditions meet the permit requirements. The burden of proof for justifying a mixing zone through demonstrating compliance with the requirements of 18 AAC 70.240 – 18 AAC 70.270 rests with the applicant. Additional information may be requested by DEC based on this review.</p>			
Provide the once in 10 years, 7-day low flow (7Q10) (cfs)			
Distance from riverbank to discharge or first port on diffuser:		Anticipated ambient turbidity during discharge (Seasonal historic NTU data preferred):	
Number of ports and spacing:		Length of diffuser:	
Diameter of port or ports:		Depth of discharge or diffuser:	
Channel Width at Low Flow:		Channel Depth at Low Flow:	
Mean Channel Velocity (fps):		Channel Slope:	

IDENTIFY USES OF RECEIVING WATER FROM DISCHARGE POINT TO MIXING ZONE BOUNDARY (500 FEET): Disclose locations of any of the following use categories, distances from discharge to nearby use, and source of information.

USE CATEGORY	DISTANCE (FEET)	SOURCE
Supply for drinking water		
Supply for agriculture including irrigation & stock water		
Supply for aquaculture		
Supply for industrial use		
Contact recreation		
Secondary recreation		
Fish spawning		

MITIGATION MEASURES: Describe any mitigation measures requested by other agencies that may affect mixing zone authorization (e.g., time-area restrictions).