

DIVISION OF MINING, LAND AND WATER  
**WATER RESOURCES SECTION**

[www.dnr.state.ak.us/mlw/water/index.htm](http://www.dnr.state.ak.us/mlw/water/index.htm)



Anchorage Office 550 West 7 <sup>th</sup> Avenue, Suite 1020 Anchorage, AK 99501-3562 (907) 269-8600 Fax: (907) 269-8904	Juneau Office PO Box 111020 400 Willoughby Avenue Juneau, AK 99811-1020 (907) 465-3400 Fax: (907) 586-2954	Fairbanks Office 3700 Airport Way Fairbanks, AK 99709 (907) 451-2790 Fax: (907) 451-2703	<b>For ADNR Use Only</b> <b>Date/Time Stamp</b> RECEIVED ADNR JUN 16 4:04:29 PM ANCHORAGE
<b>For ADNR Use Only</b> LAS # <b>31823</b>	<b>For ADNR Use Only</b> CID # <b>36035</b>	<b>For ADNR Use Only</b> Receipt Type <b>WR</b>	

**APPLICATION FOR WATER RIGHT**

**INSTRUCTIONS**

- Complete one application for each water source (**Incomplete applications will not be accepted**).
- Attach a copy of an executed deed, lease agreement, or other possessory interest document for property where water will be used (applicant must own, lease, or obtain written authorization to use water on property).
- Attach copy of legal access document (i.e. right-of-way, easement, permit) or application for legal access to water withdrawal point and transport route, if applicable, or copy of request or application for legal access to water withdrawal point.
- Attach driller's well log for drilled wells (if already drilled and available).
- Attach sketch, photos, plans of water system, or project description (if applicable).
- Attach legible map that includes Meridian, Township, Range, and Section lines such as a subdivision Plat, USGS topographical quadrangle, or borough tax map. Indicate location of water withdrawal, route of water transmission, water use area boundary, points of water use within boundary, and point of water return flow (if applicable).
- Attach copy of approved ADEC Water and Wastewater system certificate (if applicable).
- Attach copy of ADF&G Fish Habitat Permit (if applicable).
- Attach completed and notarized Statement of Beneficial Use of Water form and associated fee if water system and water use are fully developed.
- Submit the non-refundable Application Fee [Deposit] (see page 4)**

**APPLICANT INFORMATION**

The City of Manokotak Organization Name (if applicable)	KAE, Inc. (engineering consultant) - Cyrus Randelia, P.E. Agent or Consultant Name (if applicable)		
N/A Individual Applicant Name (if applicable)	Individual Co-applicant Name (if applicable)		
(City) P.O. Box 170 Mailing Address	Mankotak City	AK State	99628 Zip Code
(City) 907-289-1027 Daytime Phone Number	(KAE, consultant) 907-276-2126 Alternate Phone Number (optional)		
Fax Number (if available)	(KAE, consultant) cbr@kuskoae.com E-Mail Address (optional)		

PROPERTY DESCRIPTIONS							
<b>Location of Water Use</b>							
Subdivision Name or Survey Number	Lot, Block, or Tract	Meridian	Township	Range	Section	Quarter Sections	
Manokotak Village Townsite (USS 4875)		Seward	014S	059W	12	QQ ¼	Q ¼
<b>Location of Water Source</b>							
Subdivision Name or Survey Number	Lot, Block, or Tract	Meridian	Township	Range	Section	Quarter Sections	
a Portion of Tract C of USS 4875		Seward	014S	059W	12	QQ ¼	Q ¼
<b>Location of Water Return Flow or Discharge (if applicable)</b>							
Geographic Name of Water Body or Well Depth		Meridian	Township	Range	Section	Quarter Sections	
						QQ ¼	Q ¼

WATER SOURCE DESCRIPTION				
<b>Ground Water</b>				
Type (e.g. drilled, dug)	Total Depth (in feet)	Static Water Level (in feet)	Date Completed	Well Yield (in gpm)
Well drilled into bedrock	32' from grade	9.5' from grade	09-06-10	30
<b>Surface Water</b>				
Type (e.g. stream, lake, spring)		Geographic Name (if named)		

METHOD OF TAKING WATER (IF KNOWN)	
<b>Pump</b>	Pump Intake <u>4</u> Inches Pump Output <u>30</u> GPM Hours Working _____ Hours/Day Length of Pipe <u>±1,800'</u> Feet (from pump to point of use)
<b>Gravity</b>	Pipe Diameter _____ Inches Head _____ Feet Length of Pipe _____ Feet (take point to point of use) Diversion Rate _____ <input type="checkbox"/> GPM or <input type="checkbox"/> CFS
<b>Ditch</b>	L _____ D _____ W _____ Feet Diversion Rate _____ <input type="checkbox"/> GPM or <input type="checkbox"/> CFS
<b>Reservoir</b>	L _____ D _____ W _____ Feet Water Storage _____ AF
<b>Dam</b>	L _____ H _____ W _____ Feet Water Storage _____ AF

**AMOUNT OF WATER**

**Common Water Uses and Standard Amounts**

Type of Use	How Many		Standard Amounts		Total Amount Requested	Months of Use	
						Begin	End
Fully Plumbed Single-family Home (includes irrigation of 10,000 sq. ft.)	#_____Homes	X	500 GPD	=			
Partially Plumbed Single-family Home (no hot water heater)	#_____Homes	X	250 GPD	=			
Unplumbed Single-family Home (hand carry water)	#_____Homes	X	75 GPD	=			
Duplex or Triplex	#_____Bldgs.	X	1000 GPD	=			
Four-plex and Larger Housing	#_____Units	X	250 GPD	=			
Motel or Resort	#_____Rooms	X	150 GPD	=			
Work Camps	#_____People	X	50 GPD	=			
Domestic Irrigation	#_____Sq. ft.	X	250 GPD per 10,000 Sq. ft.	=			
Non-domestic Irrigation	#_____Acres	X	0.5 AFY	=			

**Other Water Uses**

Type of Use	How Many		Amount		Total Amount Requested	Months of Use	
						Begin	End
		X		=			
		X		=			
Type of Use					Total Amount Requested	Months of Use	
						Begin	End
Community Water Supply Source (PWSID#260090)					24,000		

Expected date for water system and water use to be fully developed **or** date when existing use started Oct. 20<sup>17</sup>  
 Note: Pursuant to AS 46.15.180(a)(1). Crimes, a person may not construct works for an appropriation, or divert, impound, withdraw, or use a significant amount of water from any source without a permit, certificate of appropriation, or authorization issued under this chapter.

11 AAC 93.040 sets out the required information on an application for a water right. 11 AAC 93.050 authorizes the commissioner to decide what additional information is needed to process an application for a water right. This information is made a part of the state public water records and becomes public information under AS 40.25.110 and 40.25.120. Public information is open to inspection by you or any member of the public. A person who is the subject of the information may challenge its accuracy or completeness under AS 40.25.310, by giving a written description of the challenged information, the changes needed to correct it, and a name and address where the person can be reached. False statements made in an application for a benefit are punishable under AS 11.56.210.

**SIGNATURE**

The information presented in this application is true and correct to the best of my knowledge. I understand that per 11 AAC 93.040 and 11 AAC 93.050 additional information may be required by the department to adjudicate this application. Failure to provide requested information could result in this file being closed.



Signature

Mr. Cyrus Randelia, P.E.

Name (please print)

06-14-17

Date

engineering consultant

Title (if applicable)

**APPLICATION FEE [DEPOSIT] - required by regulation, see 11 AAC 05.010(a)(8) for a detailed listing.**

Make checks payable to "Alaska Department of Natural Resources":

- **\$100** for one single-family residence or duplex, or for water use associated with one single-family residence or duplex.
- **\$1,200** for activities related to oil and gas and associated substances.
- **Fee Varies** for activities related to locatable minerals, unless the application is filed under 11 AAC 05.010(a)(9)(E)(i) or (9)(F)(i) - *contact Water Resources Section for pre-application meeting.*
- **Fee varies** for hydroelectric power generation - *contact Water Resources Section for pre-application meeting.*
- **Fee varies** for water removal out of a hydrologic unit under AS 46.15.035 or 46.15.037 - *contact Water Resources Section for pre-application meeting.*
- **\$200** for 5,000 GPD or less for a use not listed above.
- **\$450** for greater than 5,000 GPD and no more than 30,000 GPD for a use not listed above.
- **\$550** for greater than 30,000 GPD and no more than 100,000 GPD for a use not listed above.
- **\$900** for greater than 100,000 GPD for a use not listed above.

**REFERENCES**

**Measurement Units**

GPD = gallons per day

CFS = cubic feet per second

GPM = gallons per minute

AF = acre-feet

AFY = acre-feet per year (325,851 gallons/year)

AFD = acre-feet per day (325,851 gallons/day)

MGD = million gallons per day

**Conversion Table**

<u>5,000 GPD=</u>	<u>30,000 GPD=</u>	<u>100,000 GPD=</u>	<u>500,000 GPD=</u>	<u>1,000,000 GPD=</u>
0.01 CFS	0.05 CFS	0.2 CFS	0.8 CFS	1.5 CFS
3.47 GPM	20.83 GPM	69.4 GPM	347.2 GPM	694.4 GPM
5.60 AFY	33.60 AFY	112.0 AFY	560.1 AFY	1120.1 AFY
0.02 AFD	0.09 AFD	0.3 AFD	1.5 AFD	3.1 AFD
0.01 MGD	0.03 MGD	0.1 MGD	0.5 MGD	1.0 MGD