

Fill in the form online by clicking in the appropriate field and typing.
 Print the completed application and mail in one signed copy of the form with fees and supporting documents.
 You will not be able to save your data entry online, so print an extra copy for yourself.

DIVISION OF MINING, LAND AND WATER
 WATER RESOURCES SECTION

dnr.alaska.gov/mlw/water/



Anchorage Office 550 West 7 th Avenue, Suite 1020 Anchorage, AK 99501-3562 (907) 269-8600 Fax: (907) 269-8904	Juneau Office PO Box 111020 Juneau, AK 99811-1020 400 Willoughby, #400 (907) 465-3400 Fax: (907) 586-2954	Fairbanks Office 3700 Airport Way Fairbanks, AK 99709 (907) 451-2705 Fax: (907) 451-2703	For ADNR Use Only Date/Time Stamp RECEIVED ADNR 2018 SEP 04 PM02:37:21 ANCHORAGE
For ADNR Use Only LAS # 32574	For ADNR Use Only CID # 56382	For ADNR Use Only Receipt Type WR	

APPLICATION FOR WATER RIGHT

INSTRUCTIONS

1. Complete one application for each water source. **Incomplete applications will not be accepted.**
2. 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).
3. 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.
4. Attach driller's well log for drilled wells (if already drilled and available).
5. Attach sketch, photos, plans of water system, or project description (if applicable).
6. 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).
7. Attach copy of approved ADEC Water and Wastewater system certificate (if applicable).
8. Attach copy of ADF&G Fish Habitat Permit (if applicable).
9. Attach completed and notarized Statement of Beneficial Use of Water form and associated fee if water system and water use are fully developed.
10. **Submit the non-refundable fee (see page 4)**

APPLICANT INFORMATION

Caelus Natural Resources Alaska, LLC	Not applicable (NA)		
Organization Name (if applicable)	Agent or Consultant Name (if applicable)		
Julie Lina	NA		
Individual Applicant Name (if applicable)	Individual Co-applicant Name (if applicable)		
3700 Centerpoint Drive, Suite 500	Anchorage	AK	99503
Mailing Address	City	State	Zip Code
907-343-2106	NA		
Daytime Phone Number	Alternate Phone Number (optional)		
907-343-2190	julie.lina@caelusenergy.com		
Fax Number (if available)	E-Mail Address (optional)		

PROPERTY DESCRIPTIONS							
Location of Water Use							
Subdivision Name or Survey Number	Lot, Block, or Tract	Meridian	Township	Range	Section	Quarter Sections	
See attached cover letter.						QQ ¼	Q ¼
Location of Water Source							
Subdivision Name or Survey Number	Lot, Block, or Tract	Meridian	Township	Range	Section	Quarter Sections	
Lake K301 (DS-3H Lake)	ADL 025531	Umiat	12N	8E	11	QQ ¼	Q ¼
Location of Water Return Flow or Discharge (if applicable)							
Geographic Name of Water Body or Well Depth		Meridian	Township	Range	Section	Quarter Sections	
Not applicable.						QQ ¼	Q ¼

WATER SOURCE DESCRIPTION				
Ground Water				
Type (e.g. drilled, dug)	Total Depth (in feet)	Static Water Level (in feet)	Date Completed	Well Yield (in gpm)
Not applicable.				
Surface Water				
Type (e.g. stream, lake, spring)		Geographic Name (if named)		
Lake		Lake K301 (DS-3H Lake)		

METHOD OF TAKING WATER (IF KNOWN)	
Pump Pump Intake <u>6-8</u> Inches Pump Output <u>350-900</u> GPM	Hours Working <u>24</u> Hours/Day Length of Pipe <u>10-50</u> Feet (from pump to point of use)
Gravity 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
Ditch L _____ D _____ W _____ Feet	Diversion Rate _____ <input type="checkbox"/> GPM or <input type="checkbox"/> CFS
Reservoir L _____ D _____ W _____ Feet	Water Storage _____ AF
Dam 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
Ice road construction	1	X	525,000 GPD	=	10,990,000 gal	Nov	May
Facility construction and operations	1	X	25,000 GPD	=	2,000,000 gal	Jan	Dec
Type of Use					Total Amount Requested	Months of Use	
						Begin	End
					12,990,000 gal	Jan	Dec

Expected date for water system and water use to be fully developed *or* date when existing use started

October 2006

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. AS 38.05.035(a) authorizes the director to decide what information is needed to process an application for the sale or use of state land and resources. This information is made a part of the state public land records and becomes public information under AS 40.25.110 and 40.25.120 (unless the information qualifies for confidentiality under AS 38.05.035(a)(8) and confidentiality is requested, AS 43.05.230, or AS 45.48). 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 44.99.310, 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. In submitting this form, the applicant agrees with the Department to use "electronic" means to conduct "transactions" (as those terms are used in the Uniform Electronic Transactions Act, AS 09.80.010 – AS 09.80.195) that relate to this form and that the Department need not retain the original paper form of this record: the department may retain this record as an electronic record and destroy the original.

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.

Julie Lina

Signature

Julie Lina

Name (please print)

September 4, 2018

Date

Senior Regulatory Coordinator

Title (if applicable)

FEE required by regulation 11 AAC 05.260.

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.
- **\$1,500** for up to 60 hours of staff time, for activities related to oil and gas and associated substances.
- **\$1,500** for up to 60 hours of staff time, for activities related to locatable mining.
- **\$1,500** for up to 60 hours of staff time, for hydroelectric power generation.
- **\$1,500** for up to 60 hours of staff time, for water removal out of a hydrologic unit under AS 46.15.035 or 46.15.037.
- **\$250** for 5,000 GPD or less for a use not listed above.
- **\$565** for greater than 5,000 GPD and no more than 30,000 GPD for a use not listed above.
- **\$690** for greater than 30,000 GPD and no more than 100,000 GPD for a use not listed above.
- **\$1,125** 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>5,000GPD=</u>	<u>30,000GPD=</u>	<u>100,000GPD=</u>	<u>500,000GPD=</u>	<u>1,000,000GPD=</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

AS 38.05.035(a) authorizes the director to decide what information is needed to process an application for the sale or use of state land and resources. This information is made a part of the state public land records and becomes public information under AS 40.25.110 and 40.25.120 (unless the information qualifies for confidentiality under AS 38.05.035(a)(8) and confidentiality is requested, AS 43.05.230, or AS 45.48). 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 44.99.310, 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. In submitting this form, the applicant agrees with the Department to use "electronic" means to conduct "transactions" (as those terms are used in the Uniform Electronic Transactions Act, AS 09.80.010 – AS 09.80.195) that relate to this form and that the Department need not retain the original paper form of this record: the department may retain this record as an electronic record and destroy the original.

SIGNATURE

I certify under penalty of perjury that the foregoing is a true and accurate statement of the extent to which the above water use has been developed.

United States of America
State of Alaska

____ Judicial District

Signature

Julie Lina

This is to certify that on 4 day of SEPTEMBER, 2018 before me personally appeared

JULIE LINA

known to be the person described in and who executed this document and acknowledged voluntarily signing the same. In testimony whereof, I have hereunto set my hand and affixed my official seal, on the day and year shown above.

Steph Lrette

7.21.19

Notary Public in and for the State of Alaska

Date commission expires

Fee required by regulation 11 AAC 05.260

- \$50 including recordation of the certificate of appropriation by the department
- Make checks payable to "Department of Natural Resources."

