

DIVISION OF MINING, LAND & WATER
WATER RESOURCES SECTION

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400 Willoughby, 4th Floor
 Juneau, AK 99801
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 Fairbanks, AK 99709
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Office Use Only TWUP/LAS #	Office Use Only CID #	Office Use Only Receipt Type WR
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APPLICATION FOR TEMPORARY WATER USE PERMIT

Instructions

- Complete one application for each project – **Incomplete applications will not be accepted**
- Attach map indicating water withdrawal point(s), location(s) of water use, and point(s) of return flow – **Map must identify meridian, township, range, and section**
- Attach sketch, photos, and/or plans of water system, and driller's well log, if applicable
- Attach completed Coastal Project Questionnaire, if applicable (see page 3)
- Submit filing fee – **Non-refundable** (see page 3)

Project Name _____

Business Name _____ Contact Person _____

Mailing Address _____ City _____ State _____ Zip Code _____

Phone Number _____ Fax Number _____ E-mail Address _____

Legal Descriptions						
Location of Water Use – It is applicant's responsibility to obtain and maintain legal occupancy						
Identifiable Landmarks (e.g. milepost, subdivision)	Meridian	Township	Range	Section	Quarter Sections	
					¼	¼
					¼	¼
Location of Water Source – It is applicant's responsibility to obtain and maintain legal access						
Geographic Name of Water Body or Well Depth	Meridian	Township	Range	Section	Quarter Sections	
					¼	¼
					¼	¼
Location of Water Return Flow or Discharge, if applicable						
Geographic Name of Water Body or Well Depth	Meridian	Township	Range	Section	Quarter Sections	
					¼	¼
					¼	¼
Attach extra page if needed						

<i>Water Quantity and Use</i>					
Purpose of Water Use	Quantity of Water		Season <i>Permit not to exceed 5 years (may be renewed)</i>		Calculations <i>Show how quantity was determined</i>
	Maximum Withdrawal Rate	Total Daily Amount	Date Work Will Start	*Date All Work Will be Completed	Hours/day _____ Days/week _____
Total Amount			<i>*You may want to use the end of the construction season for your ending date</i>		

<i>Method of Taking Water</i>		
<u>Pump</u>	Pump intake _____ inches	Hours working _____ hours/day
	Pump output _____ GPM	Length of pipe _____ feet (from pump to point of use)
<u>Gravity</u>	Pipe diameter _____ inches	Length of pipe _____ feet (take point to use point)
	Head _____ feet	
<u>Ditch</u>	L _____ H _____ W _____ feet	Diversion _____ GPM or CFS
<u>Reservoir</u>	L _____ H _____ W _____ feet	Water storage _____ AF
<u>Dam</u>	L _____ H _____ W _____ feet	Water storage _____ AF

<i>Project Description</i>
What alternative water sources are available to your project should a portion of your requested diversion be excluded because of water shortage or public interest concerns?
Are there any surface water bodies or water wells at or near your site(s) that could be affected by the proposed activity? If yes, list any ground water monitoring programs going on at or near the sites, any water shortages or water quality problems in the area, and any information about the water table, if known.
Briefly describe the type and size of equipment used to withdraw and transport water, including the amount of water the equipment uses or holds.
Briefly describe what changes at the project site and surrounding area will occur or are likely to occur because of construction or operation of your project (e.g. public access, streambed alteration, trenching, grading, excavation).
Briefly describe land use around the water take, use, and return flow points (e.g. national park, recreational site, residential)
Will project be worked in phases? State reason for completion date.

Briefly summarize your entire project.

Attach extra page if needed

<i>References</i>																															
<p>Coastal Zone If this appropriation is within the Coastal Zone, and you are using more than 1,000 GPD from a surface source or 5,000 GPD from a subsurface source, you need to submit a completed Coastal Project Questionnaire. For more information on the Coastal Zone, contact the Division of Governmental Coordination; Anchorage 269-7470, Juneau 465-3562.</p>	<p>Fee Schedule – Make checks payable to “Department of Revenue” \$ 50.00 For use of 5,000 GPD or less. \$ 100.00 For use of more than 5,000 GPD but less than 30,000 GPD. \$ 200.00 For use of 30,000 GPD or more but less than 100,000 GPD. \$ 300.00 For use of 100,000 GPD or more but less than 500,000 GPD. \$ 500.00 For use of 500,000 GPD or more but less than 1,000,000 GPD. \$ 1,000.00 For use of 1,000,000 GPD or more except...(see next line) \$ 1,500.00 For use of 1,000,000 GPD or more, outside of the hydrologic unit from which it was removed (based on current USGS Hydrologic Unit Map of Alaska). \$ 500.00 For use of any quantity of glacier ice.</p>																														
<p>Definitions GPD = Gallons per day CFS = Cubic feet per second GPM = Gallons per minute AFY = Acre-feet per year (325,851 gallons/year) AFD = Acre-feet per day (325,851 gallons/day) MGD = Million gallons per day</p>	<p>Conversion Table</p> <table border="1"> <thead> <tr> <th><u>5,000 GPD=</u></th> <th><u>30,000 GPD=</u></th> <th><u>100,000 GPD=</u></th> <th><u>500,000 GPD=</u></th> <th><u>1,000,000 GPD=</u></th> </tr> </thead> <tbody> <tr> <td>0.01 CFS</td> <td>0.05 CFS</td> <td>0.2 CFS</td> <td>0.8 CFS</td> <td>1.5 CFS</td> </tr> <tr> <td>3.47 GPM</td> <td>20.83 GPM</td> <td>69.4 GPM</td> <td>347.2 GPM</td> <td>694.4 GPM</td> </tr> <tr> <td>5.60 AFY</td> <td>33.60 AFY</td> <td>112.0 AFY</td> <td>560.1 AFY</td> <td>1120.1 AFY</td> </tr> <tr> <td>0.2 AFD</td> <td>0.09 AFD</td> <td>0.3 AFD</td> <td>1.5 AFD</td> <td>3.1 AFD</td> </tr> <tr> <td>0.01 MGD</td> <td>0.03 MGD</td> <td>0.1 MGD</td> <td>0.5 MGD</td> <td>1.0 MGD</td> </tr> </tbody> </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	0.2 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
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The information presented in this application is true and correct to the best of my knowledge. I understand that no water right or priority is established per 11 AAC 93.210-220, that water use remains subject to appropriation by others, and that a temporary water use permit may be revoked if necessary to protect the water rights of other persons or the public interest.

Signature

Date

Name (please print)

Title