



ALASKA DEPARTMENT OF NATURAL RESOURCES
Division of Mining, Land, and Water
Water Resources Section

550 West 7th Avenue, Suite 1020, Anchorage, AK 99501-3562

TEMPORARY WATER USE AUTHORIZATION
TWUA A2021-110

Pursuant to AS 46.15, as amended and the rules and regulations promulgated thereunder, permission is hereby granted to Alaska Railroad Corporation (hereinafter authorization holder), 327 W Ship Creek Avenue, Anchorage, Alaska 99501 and its contractors, **to withdraw up to the amounts listed below from the described source(s) of water.** Water will be used for an existing closed non-contact cooling system for the historic Anchorage Railroad Depot building. Water will be discharged into an on-site storm drain system that outfalls into Ship Creek.

SOURCES OF WATER & AMOUNT:

Existing 365' deep well at the site of the historic Anchorage Railroad Depot building in Section 18 of Township 13 North, Range 3 West, Seward Meridian. **The maximum daily withdrawal is limited to 115,200 gallons per day, with a combined seasonal maximum of 17,500,000 gallons from May 1 through October 1.**

STRUCTURES TO BE CONSTRUCTED AND USED:

Per the application materials: Water will be withdrawn from an existing 365' deep subsurface well using a submersible pump with a 4" intake and output to 160 gpm, and existing pipe and discharge system.

Changes in the natural state of water are to be made as stated herein and for the purposes indicated.

The authorization holder shall comply with the following conditions:

CONDITIONS:

1. This authorization does not authorize the authorization holder to enter upon any lands until proper rights-of-way, easements, or permission documents, from the appropriate landowner, have been obtained.
2. Follow acceptable engineering standards in exercising the privilege granted herein.
3. Comply with all applicable laws, and any rules and/or regulations issued thereunder.
4. Notify the Water Resources Section upon change of address.
5. Failure to respond to a request for additional information during the term of the authorization may result in the termination of this authorization.
6. Except for claims or losses arising from negligence of the State, defend and indemnify the State, the State's agents, and the State's employees against and hold each of them harmless from any and all claims, demands, suits, loss, liability, and expense, including attorney fees, for injury to or death of persons and damages to or loss of property arising out of or connected with the exercise of the privileges covered by this authorization.
7. The Water Resources Section may modify this authorization to include different limitations, expand monitoring requirements, evaluate impacts, or require restoration at the site.

8. The authorization holder is responsible for obtaining and complying with other permits/approvals (state, federal, or local) that may be required prior to beginning dewatering activities pursuant to this authorization.
9. The authorization holder shall allow an authorized representative of the Water Resources Section to inspect, at reasonable times, any facilities, equipment, practices, or operators regulated or required under this authorization.
10. This authorization, or a copy thereof, shall be kept at the site of the authorized project described herein. The authorization holder is responsible for the actions of contractors, agents, or other persons who perform work to accomplish the approved project and shall ensure that workers are familiar with the requirements and conditions of this authorization. For any activity that significantly deviates from the approved project during its siting, construction, or operation, the authorization holder is required to contact the Water Resources Section and obtain approval before beginning the activity.
11. Any false statements or representations, in any application, record, report, plan, or other document filed or required to be maintained under this authorization, may result in the termination of this authorization.
12. Pursuant to 11 AAC 93.220 (f), this authorization may be suspended or terminated by the Department of Natural Resources to protect the water rights of other persons or the public interest.
13. All equipment used at or adjacent to water bodies and water sources must always be clean and free from contamination and invasive species (terrestrial and aquatic) to prevent the introduction of contamination and invasive species to the water body.
14. Discharged water shall not create erosion, sedimentation or other hazards within adjacent or nearby properties, road rights-of-way, stormwater drainage systems, sanitary sewer systems or water bodies.
15. Deviations from the project description submitted with the application which affect capacity, operation or point of discharge must be approved by DNR in writing prior to implementation.
16. Operations shall be conducted in such a way as to prevent any petroleum products or hazardous substances from contaminating surface or ground water. Vehicles will not be fueled or serviced within 100 feet of a pond, lake, stream, river or other water body. Equipment shall not be stored or serviced within 100 feet of any water body. In case of accidental spills, absorbent pads and spill response kits shall be readily available. Appropriate disposal methods for waste products shall be followed.
17. All spills and contamination encountered must be reported to the Alaska Department of Environmental Conservation (ADEC) and the Alaska Department of Natural Resources (DNR). Authorization holder shall cooperate with lawful prohibitions, restrictions, instructions, stop work orders or work plan requirements issued by ADEC for authorization holder's projects.
18. Operations shall not cause or contribute to the spread of preexisting or authorization holder caused contaminate plumes. The authorization holder may not discharge water with petroleum, PFAS, solvent or any other contaminants onto the surface or ground water.
19. A well that is permanently decommissioned by the owner of the well must be in compliance with the requirements of 18 AAC 80.015(e). An abandonment report shall be submitted to this office and to the ADEC within 45 days of well decommissioning. As an alternative to permanent decommissioning, the authorization holder is encouraged to consider using the well to participate in the voluntary DNR, Alaska Hydrologic Survey, groundwater monitoring program. For further information on this program, contact dnr.water.reports@alaska.gov.

20. Authorization holder will ensure that the well is metered and monitors and reports water withdrawals to DNR. An annual report including the monthly and cumulative amount of water withdrawn during the entire year, any maintenance details and raw static water level data collected during the off season will be submitted prior to October 31st of each authorized year. Reports shall be submitted electronically to: dnr.water.reports@alaska.gov and dnr.twua@alaska.gov
21. Authorization holder shall notify the Division of any major well maintenance work performed and submit to this office testing data, maintenance results, dates, and name of the contractor who performed the work. This can be submitted electronically with the report cited in Condition 20.
22. Measure static water level prior to restarting well after completion of any well maintenance procedures. Authorization holder shall submit shut down times and water level readings to this office with the report cited in Condition 20.
23. If any well owner notes interference during any pumping associated with TWUA A2021-110, pumping is to immediately cease and DNR-Water contacted. Pumping is not to resume until authorized in writing by DNR-Water
24. Record and immediately report to this office all complaints relating to groundwater and surface discharge, including requests for information on groundwater data from residents, should the situation occur.
25. Per 11 AAC 05.260(e), an annual administrative service fee shall be assessed on this authorization.

This Temporary Water Use Authorization is issued pursuant to 11 AAC 93.220. No water right or priority is established by a temporary water use authorization issued pursuant to 11 AAC 93.220. Water so used is subject to appropriation by others (11 AAC 93.210 (b)).

Pursuant to 11 AAC 93.210 (b), authorized temporary water use is subject to amendment, modification, or revocation by the Department of Natural Resources if the Department of Natural Resources determines that amendment, modification, or revocation is necessary to supply water to lawful appropriators of record or to protect the public interest.

This authorization shall expire on August 22, 2026.

Date issued: August 23, 2021

Approved: Meghan O'Brien
Meghan O'Brien
Manager, Water Resources Section