



**ALASKA DEPARTMENT OF NATURAL RESOURCES**  
**Division of Mining, Land, and Water**  
**Water Resources Section**  
550 West 7<sup>th</sup> Avenue, Suite 1020, Anchorage, AK 99501-3562

**TEMPORARY WATER USE AUTHORIZATION**  
**TWUA A2026-93**

Pursuant to AS 46.15, as amended and the rules and regulations promulgated thereunder, permission is hereby granted to Alaska Marine Excavation LLC (hereinafter authorization holder), 34481 North Fork Road, Anchor Point, AK 99556 and their contractors, **to withdrawals and diversions on from multiple unnamed streams associated with Johnson Tract Site Unfractured Portal Access Road Project.** Water will be used for seeding and watering vegetation along the embankment for rehabilitation. Water will be temporarily diverted to installation culverts. The work area will be isolated and dewatered as well. Diversions will consist of a temporary diversion channel excavated from downstream tie-in to upstream tie-in. Water will flow through the bypass channel while the work area is isolated.

**SOURCES & AMOUNT OF WATER**

- 1) **Unnamed Stream (Culvert 04 200)** in Section 17 of Township 1 South, Range 21 West, Seward Meridian.
  - a. Maximum daily withdrawal is limited to 850,000 gallons, with a combined maximum limit of 1,700,000 gallons per seasonal, which includes the dewatering.
  - b. Temporary Diversion.
- 2) **Unnamed Stream (Culvert 05 110)** in Section 17 of Township 1 South, Range 21 West, Seward Meridian.
  - a. Maximum daily withdrawal is limited to 66,000 gallons, with a combined maximum limit of 132,000 gallons per seasonal, which includes the dewatering.
  - b. Temporary Diversion.
- 3) **Unnamed Stream (Culvert 05 110B)** in Section 17 of Township 1 South, Range 21 West, Seward Meridian.
  - a. Maximum daily withdrawal is limited to 122,500 gallons, with a combined maximum limit of 143,000 gallons per seasonal, which includes the dewatering.
  - b. Temporary Diversion.
- 4) **Unnamed Stream (Culvert 10 110 & 110A)** in Section 18 of Township 1 South, Range 21 West, Seward Meridian.
  - a. Maximum daily withdrawal is limited to 660,000 gallons, with a combined maximum limit of 1,320,000 gallons per seasonal, which includes dewatering.
  - b. Temporary Diversion.

**STRUCTURES TO BE CONSTRUCTED AND USED**

Changes in the natural state of water are to be made as stated herein and for the purposes indicated. As described in the application materials:

Withdrawals for all the sources will utilize pump(s) with a 4-inch intake or less, up to 600 gallons per minute output, up to 150 length of pipe/hose.

- Unnamed Stream (Culvert 04 200): The temporary diversion will consist of gravity/ditch that is 100 ft long, 4.5 ft wide, and 3.5 ft deep with no lining and head elevation of 487.0 ft for the entire stream flow for the installation of an 84-inch culvert.
- Unnamed Stream (Culvert 05 110): The temporary diversion will consist of gravity/ditch that is 100 ft long, 6 ft wide, and 3.5 ft deep with no lining and head elevation of 487.2 ft for the entire stream flow for the installation of an 84-inch culvert.
- Unnamed Stream (Culvert 05 110B): The temporary diversion will consist of gravity/ditch that is 100 ft long, 6 ft wide, and 3.5 ft deep with no lining and head elevation of 487.9 ft for the entire stream flow for the installation of an 84-inch culvert.
- Unnamed Stream (Culvert 10 110 & 110A): The temporary diversion will consist of gravity/ditch that is 100 ft long, 6 ft wide, and 4.5 ft deep with no lining and head elevation of 559.2 ft for the entire stream flow for the installation of a 96-inch culvert.

## CONDITIONS

During the effective period of this authorization, the authorization holder shall comply with the following 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 solely 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/leases/approvals/rights of way (state, federal, or local) that may be required prior to beginning 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.
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 AS 46.15.155(f), the Department may impose conditions or limitations on an authorization to protect the water rights of other persons or to protect fish and wildlife habitat, human health, or other public interests.
13. Pursuant to AS 46.15.155(i), 11 AAC 93.210(b) and 11 AAC 93.220(f), temporary authorizations are subject to amendment, modification, suspension, or revocation to supply water to lawful appropriators of record, protect the water rights of other persons or the public interest.
14. 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.
15. Operations shall be conducted in such a way as to prevent any petroleum products or hazardous substances from contaminating surface or ground water. Pumps will not be fueled or serviced within 100 feet of a pond, lake, stream, river or other water body unless the pumps are situated within a catch basin designed to contain any spills. 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.
16. Operations shall not cause or contribute to the spread of preexisting or authorization holder caused contaminant plumes. All spills and contamination encountered or known 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.
17. Deviations from the project description submitted with the application which affect water amounts, operation or point of discharge or use must be approved by DNR in writing prior to implementation.
18. Record and immediately report to this office all complaints relating to pumping activities and discharge, including requests for information from residents, should the situation occur.
19. Only water use is being authorized with this authorization. No ground disturbance, clearing, mulching, mowing, rutting or other land use can occur in conjunction with the activities in this authorization without the express approval of the land manager/owner.
20. Per 11 AAC 05.260(e), an annual administrative service fee shall be assessed on this authorization.
21. Water discharge (including runoff) shall not be discharged at a rate or location resulting in sedimentation, erosion, hazards within adjacent or nearby properties, road rights-of-way, storm drain systems, sanitary sewer systems or other disruptions to the bed or banks of water bodies.
22. Water discharge (including runoff) shall not be discharged at a rate or location resulting in sedimentation, erosion, flooding or other hazards within adjacent or nearby properties, road rights-of-way, stormwater drainage systems, sanitary sewer systems or water bodies.
23. There shall be no wheeled, tracked, excavating, or other machinery or equipment operated below the ordinary highwater line to facilitate water withdrawal or diversion pursuant to this authorization.
  - a. Except as described in the application materials, there shall be no wheeled, tracked, excavating, or other machinery or equipment operated below the ordinary highwater line to facilitate water withdrawal or diversion pursuant to this authorization.
24. Silt fencing, silt sock or other suitable containment techniques must be used, as necessary, to minimize the introduction of suspended solids into flowing waters.

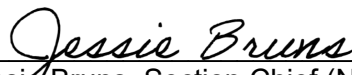
25. Issuance of this authorization does not give the authorization holder the right to block or dam a water course.
26. Any water intake structure in fish bearing waters (including a screened enclosure, well-point, sump or infiltration gallery) must be designed, operated and maintained to prevent fish entrapment, entrainment or injury, unless specifically exempted by the Alaska Department of Fish and Game, Habitat Division.
27. Each water intake structure shall be designed to prevent the entrainment, impingement and/or entrapment of fish and shall be installed and maintained at each intake location. The effective screen openings may not exceed 0.25 inches (1/4 inch), and water velocity at the screen/water interface may not exceed 0.5 feet per second when the pump is operating.
28. The authorization holder shall inspect the intake screen for damage (torn screen, crushed screen, screen separated from intake ends, etc.) after each use and prior to each deployment. Any damage observed must be repaired prior to use of the structure. The structure must always conform to the original design specifications while in use.
29. Adequate flow and water levels must remain to support indigenous aquatic life and provide for the efficient passage and movement of fish.
30. Any suction hose used should be in water of sufficient depth so that sediments are not disturbed during any water extraction process.
31. The placement of water pumping equipment shall not unnecessarily hinder public access.
32. Work areas shall be isolated from the flowing waters of the creek at all times during construction. The stream reach downstream of the culvert and bridge installation shall be supplied with a constant flow of clean water sufficient to support the aquatic life in the stream and maintain fish passage downstream of the work area.
33. Dewatering or bypass pump intake structures shall be surrounded by a properly sized and screened structure when used in areas which may support fish.
34. A diversion channel/structure, new stream channel or culvert (either temporary or permanent) must be capable of carrying anticipated stream flows and designed, installed and maintained to accommodate the efficient passage and movement of fish, both upstream and downstream, for the life of the structure.
35. Any project in fish bearing waters must conform to any season of use, fish window or other stipulation established by the Alaska Department of Fish and Game, Habitat Division
36. Revegetated areas will be monitored and maintained (e.g., watered) until vegetation has been successfully reestablished and the bank is stable. Installation methods will conform to the techniques described in the ADF&G Streambank Revegetation and Protection Guide (ADF&G, 2005).
37. In-water work in the flowing water of the creek will be completed between June 1 and August 15, unless otherwise authorized by the ADF&G-Habitat Section.
38. Any dewatering needed will either be discharged to vegetated uplands at least 100' from water surfaces and allowed to naturally filter or a settling tank will be used prior to discharge to surface water.
39. 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.

40. Monitor water withdrawals for each day of actual use for each authorized water source and when withdrawals for any authorized water source reaches 90% of the authorized withdrawal limit for that water source submit this information to this office prior to the initiation of any further withdrawals from the respective water source.
41. If any adjacent well owner or appropriator of record notes interference during any pumping associated with this authorization, work is to immediately cease and DNR-Water contacted. Pumping is not to resume until authorized by DNR-Water.
42. The authorization holder may not discharge water with petroleum, solvent or any other contaminants onto the surface or ground water. Discharged water will be visually monitored for sheen. If a sheen is observed, the discharge water must be run through a GAC filtration system before being discharged to land.
43. Silt fencing, silt sock, sorbent booms or other suitable containment techniques must be used, as necessary, to minimize the introduction of suspended solids into flowing waters and storm drain systems.
44. The placement of water pumping equipment shall not unnecessarily hinder public access.
45. Water discharge will occur to vegetated uplands at least 100' from water surfaces (to allow it to naturally filter) or it will be filtered prior discharge back into the withdrawal source. At no time will water containing sediment or contamination be discharged directly to a water source.

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 AS 46.15.155(c). Water so used is subject to appropriation by others.

**This authorization shall take effect on July 13, 2026, and expire on October 1, 2027.**

Date issued: July 13, 2026

Approved:   
Jessie Bruns, Section Chief (NRM 3)  
Water Resources Section