

Date: August 24, 2025

Subject: MS-7 Land Use Permit Renewal Application Information

Duration of Project:

The project is planned for winter 2025 through summer of 2026, depending on material availability. There is currently no end date for the project. The site is intended to be used for the operational life of the DeLong Mountain Transportation System (DMTS)

Project Location

Section 28, Township 28N, Range 21W, Kateel River Meridian

The access road and material site cover approximately 12 acres of land.

Project Description

This application requests a renewal of LAS 33586 as well as authorization to install a communications tower and solar panels, and a short access road from the existing MS-7 road to the communications tower. No other physical changes are planned for this site.

The site will continue to be used as a water source for this section of the DMTS, reducing the water tanker travel time from the current water sources. The communications tower will increase coverage along the DMTS to improve safety and communication along the road.

The DMTS is an industrial road with limited public access. No additional public access restrictions are required over the restrictions currently in place.

Site Description

The site is a quarry pit with exposed gravel and a gravel pit with some natural revegetation and a large snow drift along the pit highwall. No debris or evidence of site contamination have been observed.



Site Access

Site is accessed using the existing MS-7 access road from the DMTS Haul Road. Standard highway type vehicles are used to access the site: pickup trucks and semi tractors with either an equipment or water trailer attached.

A small, short access road is required in order to allow access to the communications tower. Brush may need to be cleared from the road and gravel may be pulled from the side of the road to the center to level the roadway up to the tower.

Number of People

The crew size utilizing the site is estimated to be 1 to 10 people with the use varying through the year. Usually 2 to 3 surface crew personnel operating the water trucks making multiple stops at the material site when applying water to that section of the road.

There will be no customer use of the site.

The number of days the material site would be used in a year is difficult to estimate. For the purpose of this review assume activity from April 1 to November 30.

Environmental Risk / Hazardous Substances

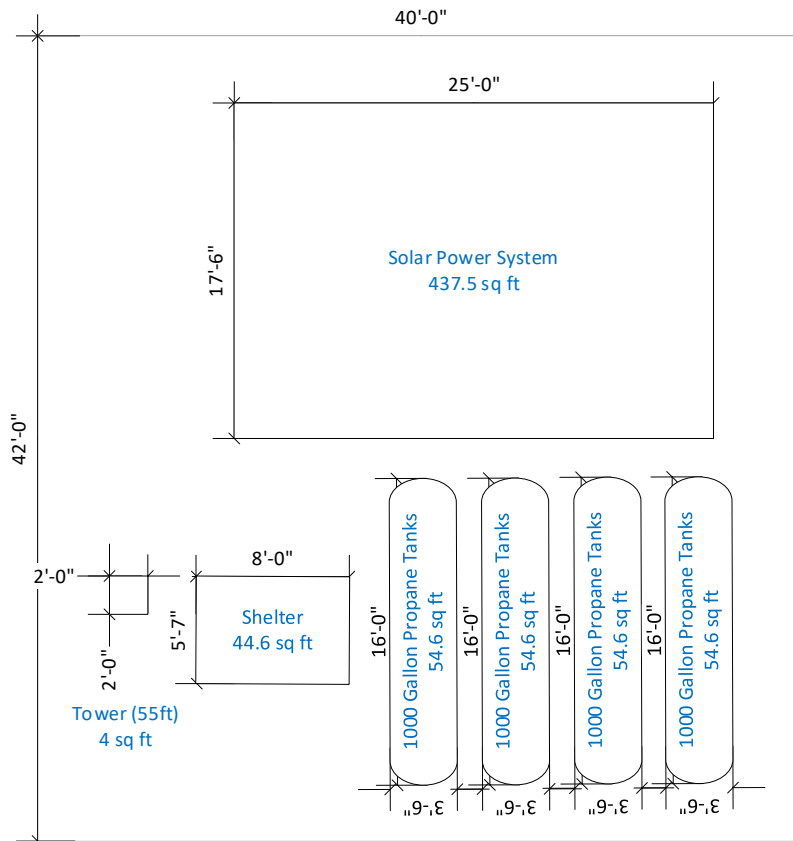
The diesel-powered water pump for the water withdrawal is fueled as needed via a pickup truck-mounted fuel tank. Diesel is not stored at the site other than the small amount in the fuel tank attached to the water pump. No hazardous material will be associated with the installation or maintenance of the communications tower.

During periods of CaCl application several 1 ton bags of calcium chloride are staged near the water pump. The bags are sealed to prevent water infiltration.

Any waste material is removed from the site and disposed of at the Red Dog Mine landfill.

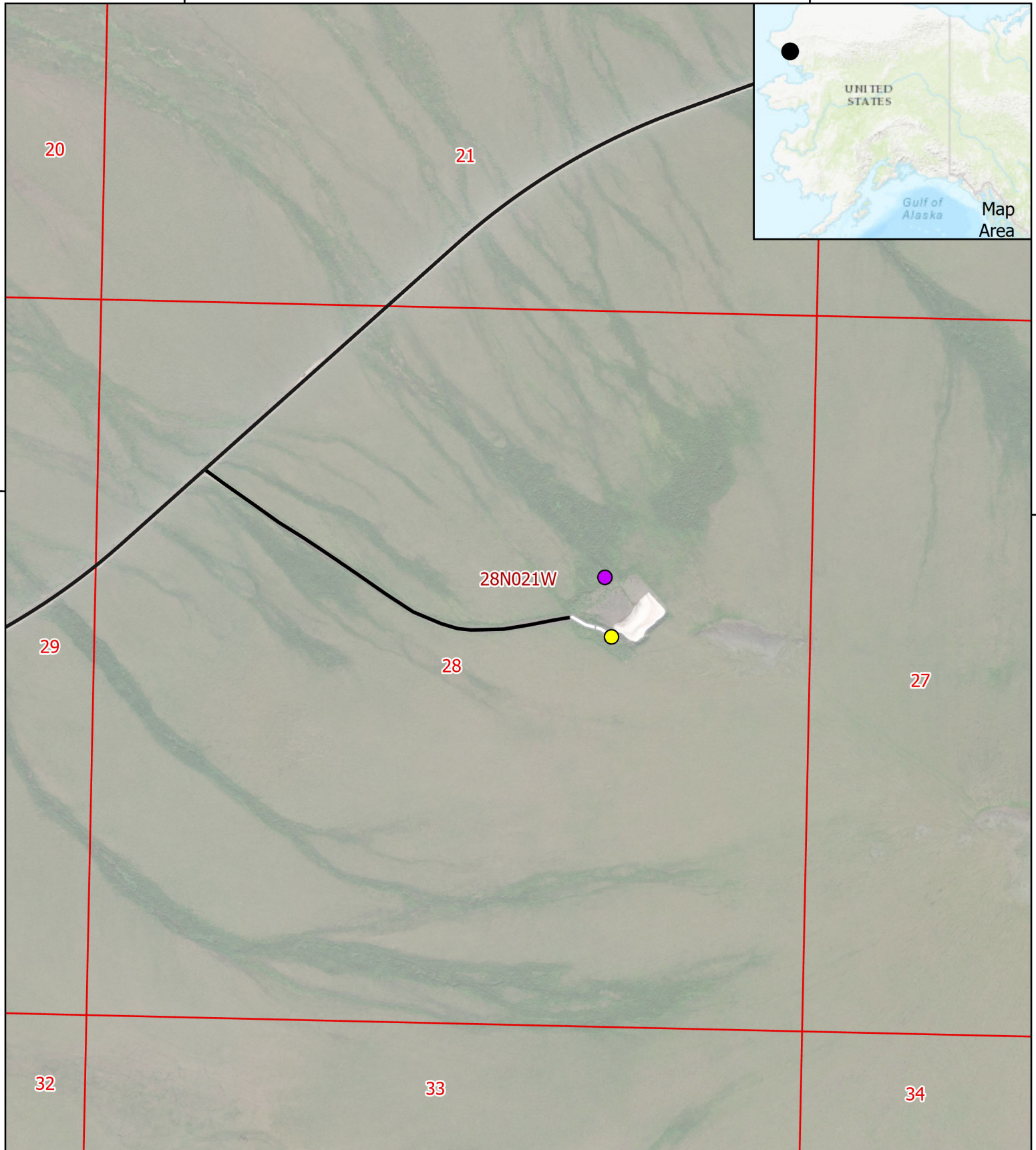
Dimensions

Object	Length (ft)	Width (ft)	Area (sq ft)
Communications Shelter	8.0	5.6	44.7
Propane Cylinder	16.0	3.4	54.7
Tower	2.0	2.0	4.1
Solar	25.0	17.5	437.5
Overall Pad	40.0	42.0	1680.0



-163°26'

-163°24'

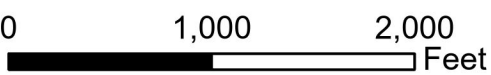


67°48'

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-163°26'

-163°24'



- Comms Tower and Solar Panels
- MS-07 Water Withdrawal
- Access Road
- Port Road

Teck

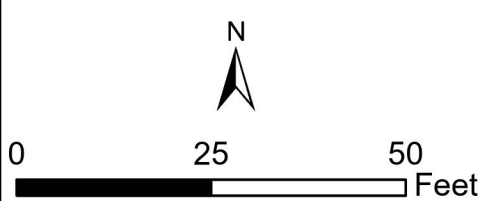
Land Department
 501 N Riverpoint BLVD, Suite 300
 Spokane, WA 99202

MS-07 Water Withdrawal Location Map
 T28N R21W Section 28 Kateel Meridian

Coordinate System: NAD 1983 2011 StatePlane Alaska 7 FIPS 5007 Feet

Date: 8/25/2025

Drawn By: Jack Simmons



-  Access Road
-  Propane Tanks
-  Shed
-  TEG
-  Tower
-  Solar Farm



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