

Level 2 Screening Matrix

	SITE 1: EKLUTNA LAKE ROAD, MILE 2 (AWWU)	SITE 2: EKLUTNA LAKE ROAD, MILE 2.7 – NORTH	SITE 6: BIRCHWOOD AIRPORT VICINITY
Site Feasibility: <i>Is the site feasible for the Outdoor Training Range Complex?</i>			
Zoning	↓ R10SL, Residential alpine/slope District. ↔ Rezoning required.	↓ R10SL, Residential alpine/slope District. ↔ Rezoning required.	↑ I1SL, Light Industrial District. ↑ Rezoning required. Adjacent to other PLI zoned lands.
Compatibility with adopted plans	↑ No conflicts.	↑ No conflicts.	↔ Future trails systems need to be realigned.
Compatibility with adjacent uses	Near Eklutna Water Treatment Facility and one residence. Approximately 3 miles from residential development.	Near Eklutna Water treatment plant. This site includes one residence. The access road crosses land owned by Eklutna Inc. Access will require negotiations with Eklutna, Inc. Approximately 3 miles from residential development.	Adjacent to Birchwood Range. Adjacent to Birchwood Airport. Residential areas 3,000ft, across the ARRC corridor.
Willingness to Sell	Owner is willing to lease.	Owner is willing seller.	Owner is willing to lease.
Physical Characteristics / Habitat	Forested. Eklutna River corridor critical habitat for moose, bird concentrations during migration.	Forested. Eklutna River corridor critical habitat for moose, bird concentrations during migration.	Previously cleared. Strewn with litter. Area south of the project area critical habitat for Bald Eagle, Northern Harrier, Hawk Owl, and Willow Ptarmigan.
Operational Safety	↓ Range orientation to the north; undeveloped mountain side land by BLM and privately owned parcel. Risk of increased Development costs.	↔ Range orientation to the north; undeveloped mountain side land owned by BLM.	↔ Range orientation to the northwest; Knik Arm. Berm and fencing required between Birchwood Rifle Range and Outdoor Training Range Complex.
Size	↑ 72 acres in size.	↑ 80 acres in size.	↔ 34 acres in size. Small size will require a barrier structure between the Birchwood Shooting Range and the site.
Noise	↔ One light industrial building and one residential occupant adjacent to the site. Very low density residential area 3 miles from site.	↔ One light industrial building and one residential occupant adjacent to the site. Very low density residential area 3 miles from site.	↑ Bounded on the North by the Birchwood Range, and on the east by the Birchwood airport. Low density residential 3000 feet East of the site across Birchwood Airport and the Alaska Railroad mainline.

Level 2 Screening Matrix (Cont.)

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Environmental / Geotechnical: <i>What are the environmental/geotechnical implications of developing the Outdoor Training Range Complex on this site?</i>			
Development Status	Undeveloped.	Developed. One Residence.	Undeveloped.
ADEC + Site Visit (environmental)	Risk of contaminated soils low.	Risk of contaminated soils low.	Risk of contaminated soils low.
Soils Classification	⇔ Suitable to Marginally Suitable (slopes and wetlands) for development.	↓ “Marginally suitable to unsuitable” for development due to slopes, wetlands, and alpine areas. Some portions designated as Suitable for development.	↑ Suitable for development.
Other Considerations	↓ A “legacy” stream is mapped along the western boundary. Further mapping and classification will be required.		⇔ Within the Anchorage Coastal Management Zone. Permit required.
Development Cost: <i>What will it cost to develop this site to support the Outdoor Training Range Complex?</i>			
Costing Considerations	Conceptual Development costs as equivalent to other sites.	Conceptual Development costs as equivalent to other sites.	Conceptual Development costs as equivalent to other sites.
Wetlands	↓ Wetlands mitigation required.	↓ Wetlands mitigation required.	↑ No wetlands.
Utilities	On-site well and sewer system. Power and telephone available. ⇔ Fuel oil heating.	On-site well and sewer system. Power and telephone available. ⇔ Fuel oil heating.	On-site well and sewer system. Power and telephone available. ↑ Natural gas heating.
Operational Cost: <i>What will it cost to operate the Outdoor Training Range Complex at this site?</i>			
	↓ Travel time second highest.	↓ Travel time highest.	↑ Travel time shortest.
Public Input: <i>What additional information does the public know about the proposed sites? What criteria does the public think are most important to site this facility? How does the public think locating the Outdoor Training Range Complex at proposed sites will impact their community?</i>			
The presentation to the public will be documented and submitted to the MOA Planning Department and PZC in advance of the public hearing for site selection recommendations.			