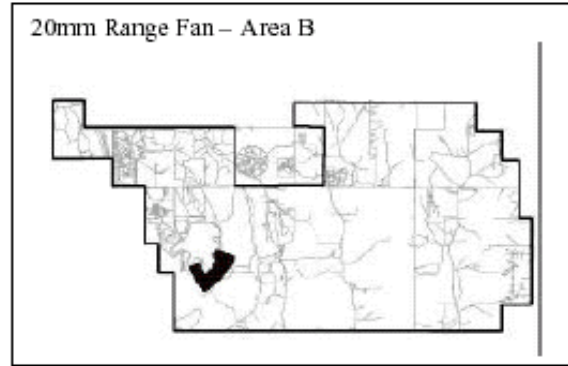


## 20mm Range Fan (Area B) Prioritization Scorecard

**Description:** Historical accounts of Area B indicate that it was used as an artillery range during World War II.

**Location:** Area B is located on property controlled by the Colorado State Land Board (SLB), the Aurora Reservoir Park, and private owners (in Sections 21 & 28, T5SR65W). Area B is approximately 3 miles south of East Quincy Avenue and extends along the ridgeline southeast of the Aurora Reservoir. (The 20mm Range Fan also includes approximately 300 acres of the Aurora Reservoir Park (Area A); which has been previously cleared.)



**Estimated Extent of Area:** Area B is approximately 600 acres in size.

**Clearance Resource Estimate:** 57 workweeks

**Clearance Considerations:** Area B is accessible year round, but clearance efforts are limited during the winter months due to the frozen ground.

### Area B Prioritization Scoring

Criteria	Infrastructure	Overall Hazard	Type of Hazard	Land Use	Environmental Impacts	Cost	Access	Economic Impacts	Legal Restrictions	Total Score
<b>Weighting</b>	0.179	0.152	0.145	0.138	0.131	0.083	0.069	0.055	0.048	
<b>Score</b>	100	75	50	100	25	75	100	75	75	74.5
<b>Priority Factor</b>	17.900	11.400	7.250	13.800	3.275	6.225	6.900	4.125	3.600	

## 20mm Range Fan (Area B) Prioritization Criteria

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**Infrastructure: [75]** The north-south ridgeline along Area B has been identified as a transportation corridor on early, conceptual development plans. If developed, road and utility alignments may be sited in this area. There are several utility corridors running along section lines in the Area B. Water pipelines and electrical utilities are being constructed across the area.

**Overall Hazard: [75]** Unexploded ordnance (UXO) hazards have been confirmed on the surface and shallow subsurface of this area. Ordnance hazards include projectiles, fuzes, rockets, and 50-caliber bullets. The overall hazard for Area B is considered elevated, based on the types of hazards confirmed at the site and their potential to cause injury as discussed below. The area is currently used for cattle grazing. Likely people to be exposed to ordnance hazards include the cattle rancher, surface recreational users (Arapahoe Hunt Club and hunters), residential construction workers, and workers from adjacent utility projects. The Cherry Creek School District constructed high school and middle school campuses approximately 1/4-mile southwest of Area B. Arapahoe County is planning county fair grounds and a regional high school sports complex 2 miles northwest of Area B.

**Type of Hazard: [50]** Ordnance hazards identified at Area B include 20mm, 37mm, and 75mm projectiles, fuzes, 2.25-inch and 2.75-inch rockets, and 50-caliber bullets. The 37mm projectile is hazardous and capable of significant harm if mishandled. It is relatively small and easily picked up. Fuzes can be very sensitive/volatile, and uncontrolled exposure is very hazardous.

**Land Use: [100]** Current land use is primarily cattle grazing. The Arapahoe Hunt Club has a surface recreation lease for the SLB property. Hunting in the area includes prairie dogs, antelope and coyotes. Urban residential development is ongoing for the private land on the southern extent of Area B (Wheatland, Beacon Point and South Shore developments). Private OE clearances funded by the landowners have been performed in this area. Additional construction will occur as soon as the site is determined safe for development. The SLB has submitted a subdivision application to the County for the range property and has developed a master plan for the site (*Vision Process for the Lowry Range Property*, 2002). The SLB released Development and Conservation Requests for Proposals (RFPs) in 2005 and proposals are due April 2006. Subsequent contracts that are awarded under these RFPs may affect land use and development at this target area.

**Environmental Impacts: [25]** The site is situated on short grass prairie that is used for cattle grazing. There is a small prairie dog colony to the east of the target that is not expected to be impacted by the cleanup. Several areas of prairie grass will be disturbed during clearance, but these areas represent a small fraction of surrounding rangeland and should not impact local animals.

**Cost: [75]** The estimated cost to complete the clearance of Area B is approximately \$6.9 million. Percent complete is 32%.

**Access: [100]** Area B extends east and south of the Aurora Reservoir and can be accessed from dirt roads off of East Quincy Avenue or gates from the Reservoir Park. Barbwire cattle fence, no-trespassing signs, and locked gates control access to the area. Significant land use adjacent to the area includes recreation at the Aurora Reservoir. Access to the target from the reservoir is controlled by barbwire cattle fencing, site signage, and park ranger patrol. In addition, significant residential developments are planned on land adjacent to Area B, both to the west and south.

**Economic Impacts: [75]** The southern portion of Area B is privately owned. The private landowner has been economically impacted by the delay of residential development of the property. Private landowners have paid for OE clearances in portions of the Wheatlands and South Shore properties and have indicated that they will seek cost reimbursement from the Federal Government for clearance expenses incurred. The SLB and people of Colorado could incur economic impacts resulting from delays in the development of the SLB property as well.

**Legal Restrictions: [75]** The southern extent of Area B is privately owned, and there are no legal restrictions on the use of the site. High-density residential development is planned for the private land, however local government approval is required for the development to move forward. The City of Aurora and the SLB own the remainder of Area B. The SLB property is included in the SLB Conservation Trust program. As a government agency, the SLB has a greater ability to implement legally enforceable restrictions or institutional controls on its property. Therefore, the SLB can control, to some extent, the timing of development over portions the site.