

Appendix B: Inventory Maps and Description

Inventory Maps

Inventory maps for Lowry Range include:

- B-1: Current Zoning
- B-2: Water and Sanitation Districts
- B-3: School Districts
- B-4: Fire Protection Districts
- B-5: Greenprint/Wildlife Habitat
- B-6: Greenprint/Visual Resources
- B-7: Greenprint/Resource Composite
- B-8: Significant Natural Areas (Natural Heritage Program Sites)

Description

Current Zoning

The Current Zoning map (B-1) shows that most of the State Land Board-owned Lowry Range is currently zoned predominantly Agriculture (A-1), which allows agriculture and residential development at a density of 1 unit per 19 acres.

Water and Sanitation Districts

The Water and Sanitation Districts map (B-2) indicates that Rangeview Metropolitan District serves most of the Lowry Range site. Several sections of the Range north of Quincy Avenue are not presently within the service area of any metropolitan or water and sewer districts.

School Districts

The School Districts map (B-3) shows the boundaries of the Aurora School District 28J, Cherry Creek School District No. 5, and Bennett School District 29J that all cover portions of the Lowry Range.

Fire Protection Districts

The Fire Protection District map (B-4) illustrates that most of the Lowry Range is not served by a fire protection district. A small portion of the range is served by Bennett Fire

Protection District. Sable Altura and Cunningham Fire Protection Districts are adjacent or nearby.

Eastern Arapahoe Greenprint Analysis Maps Explanation

The Eastern Arapahoe Greenprint Analysis data set is the product of a collaborative process between the Trust for Public Land and Arapahoe County and Computer Terrain Mapping completed in August 2005. The goal of the project was to inventory natural and cultural resources to identify important areas where overlapping resources occurred. The Lowry Range Sub-Area Plan planning team has reproduced several of the composite maps to understand where high resource values occur on the site. Additional information is available in the Greenprint Analysis study, including detailed information about the resources shown in the analysis maps.

Wildlife Habitat Composite

The Greenprint Wildlife Habitat map (B-5) shows the number of species on various portions of the Lowry Range. The darker green areas are where the highest concentrations of multiple species occur. The Eastern Arapahoe Greenprint Analysis team and Computer Terrain Mapping generated the Wildlife Composite map to consider and map potential habitats. It includes big game critical habitat (winter ranges and concentration areas) and Federal or State threatened or endangered species.

Visual Resources Composite

The Greenprint Visual Resources map (B-6) shows where the most highly visual areas are. The darker areas have the highest visibility values. The Eastern Arapahoe Greenprint Analysis team and Computer Terrain Mapping generated the Visual Composite map by adding skyline analysis results with a viewshed analysis to reflect portions of the Lowry Range with high visual resources.

Resource Composite

The Greenprint Resource Composite map (B-7) is a composite of a number of different resources listed below. The darkest colors represent the places where the most resources overlap. The Eastern Arapahoe Greenprint Analysis team and Computer Terrain Mapping generated the Resource Composite map by “overlying” the following resource maps together and considering the where the highest concentrations occur for all of the following categories:

- Agricultural land use,
- Floodplain,
- Riparian or 300 foot buffer from lakes and streams,
- Historic and archaeological sites,
- Steep slopes,

- Visual resource composite,
- Prime farm land/irrigated land,
- Wildlife composite, and
- Colorado Natural Heritage Potential Conservation Area (before more recent mapping).

The Natural Heritage Program Sites

The Colorado Natural Heritage Program provided the data for the Natural Heritage Program Sites map (B-8). The map shows management zones with the highest priority for conservation targets, as of January 2006. It illustrates broad swaths, not detailed sites, and identifies the following areas and sites of local significance:

- Potential Conservation Areas,
- Piedmont Grassland Site of Local Significance,
- Prairie Dog Site of Local Significance, and
- Riparian Zone Site of Local Significance.

For more information, check the Colorado Natural Heritage Program website for up-to-date Lowry Range reports.

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