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BOULDER WILDLIFE HABITAT

DATA BASE

PART I: METHODOLOGY

&

PART II: TABULAR SUMMARIES OF EVALUATED SITES

September, 1990

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THE CITY OF BOULDER, COLORADO



Boulder Wildlife Habitat Database

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BOULDER WILDLIFE HABITAT DATA BASE:

A Manual for Updating and Use

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INTRODUCTION

The wildlife habitat data base was designed to provide a means for the easy retrieval of information about wildlife and wildlife habitats in or near the city limits of Boulder, Colorado. The software used for the data base is dBASE III PLUS. This is a popular software program that permits the output of information to be displayed clearly and legibly on a computer screen or to be printed out for report documents. Additionally, the user can search the data base for specific information, arrange (sort) the data by subject, write memo files, ask for a data subset that meets one or more criteria, and so on.

HOW TO COLLECT THE DATA

The starting point for data collection is a map showing the parcels of land that are to be evaluated. These parcels should be less than a mile across their longest linear dimension. This is to reduce excessive habitat variability, particularly variability in habitat quality. Several major habitat types can be treated as a unit, as a parcel (e.g., a stream segment, its associated riparian vegetation, along with an adjacent meadow). A stream segment that has high quality riparian habitat at one end and is channelized and stripped of vegetation at the other should not be treated as a single unit.

The evaluation of the separate parcels is done by a person (preferably several) who is an experienced field ecologist. The person (or team) visits the site and fills out a Habitat Quality Rating Form (Figure 1).

At this point, it must be emphasized that a clear understanding is required regarding the precise definition of each item on the Rating Form. The line items (most of which are habitat descriptors, although some merely identify the site, refer to ownership, etc.) constitute the raw data that will be input into the computer. These line items are known as "fields" in data base terminology. There are 35 fields, plus a memo file for additional comments and elaborations. Together, these 35 fields plus the memo file constitute a single "record" in the data base and contain the information that pertains to one parcel.

Before providing definitions for each of the 35 fields it should be pointed out that the preferred way of finalizing the ratings and associated comments is to collaborate with team members and sort out differences of opinion. Only one evaluation is entered for a parcel, not the separate evaluations of each team member. And finally, the computer does not require that each line item (field) has a data entry. If Ownership or Elevation is unknown, leave these spaces blank. If some wildlife species or species groups are of minor importance and you do not wish to evaluate them, these spaces can be left blank. If desired, such information can be entered at another time or not at all. It is desirable, however, to fill out the form as completely as possible, even for species or species of minor importance.

Definitions of the Computer Field Names on the Rating Form

Site ID. A unique number/name for the parcel (the evaluation site) consisting of a three letter abbreviation designating the dominant habitat type and a number, e.g. PPF-01. Definitions of the three letter abbreviations are presented in Table 1. Note that the number associated with the letter code is used only once. That is, there is not a PPF-01 and a MGP-01. Site "01" can be used for only one type.

Site Description. A brief description of the parcel and where it is located. For example, RIPARIAN FOREST ALONG BOULDER CREEK JUST E. OF FOOTHILLS PARKWAY. The description cannot exceed 65 characters including spaces. Abbreviate as necessary. As described later, it is desirable that all entries into the computer be in capital letters.

Location. The location field is used for Township Range Section which should be entered in the following format: T1N R71W SEC12. Optionally, this can be followed by a quarter section notation, e.g. T1N R71W SEC12

WILDLIFE HABITAT QUALITY RATING FORM

Site ID _____ Investigator _____ Date _____
 Description _____ Location _____

OVERALL HABITAT QUALITY RATING (Circle one and include justification)

Very Low		Low		Moderate		High		Very High	
1	2	3	4	5	6	7	8	9	10
<p>Justification for Quality Rating:</p>									

Justification for Quality Rating:

HABITAT RATINGS (1-10; Low to High) FOR KEY SPECIES/SPECIES GROUPS

Songbirds: _____
 Raptors: _____
 Water Birds: _____
 Deer: _____
 Prairie Dogs: _____
 Herptiles: _____

Mountain Lion: _____
 Black Bear: _____
 Badger: _____
 Turkey: _____
 Other Mammals: _____
 Other Birds: _____

Species Diversity Ratings

Animal Species Diversity: _____ Plant Species Diversity _____

Special Species _____

OTHER EVALUATION ITEMS: (Rate 1 - 10; Low to High)

Pristine Quality _____	Human Disturbance _____
Ecosystem Function _____	Livestock Disturbance _____
Restoration Potential _____	Current Human Use _____
Wildlife Conflicts _____	

Habitat Types: _____
 Important Nearby Features: _____
 Physical Features: _____
 Red Flag (Y/N): _____ Corridor (Y/N): _____ Acres: _____
 Elevation: _____ Literature (Y/N): _____
 Ownership: _____

COMMENTS: (memo notes or any other comments)

Figure 1. Example of wildlife habitat quality rating form.

Table 1. Habitat Type Classification System and associated abbreviations.

FORESTED/TREE TYPES

Ponderosa Pine Forest	PPF
Douglas Fir Forest	DFF
Aspen Forest	ASF
Riparian Forest	RPF
Ponderosa Pine Savanna	PPS
Scattered Trees (of various species)	SCT

SHRUBLAND TYPES

Mixed Plains Shrubland	MPS
Mixed Mountain Shrubland	MMS
Skunkbush Sumac Shrubland	SSS
Willow Shrubland (Can be a Wetland Type)	WLS

GRASSLAND/HERBACEOUS TYPES

Foothills Tall Grass Prairie	TGP
Shortgrass Prairie	SGP
Mixed Grass Prairie	MGP
Alkaline Grassland	ALG
Bottomland Grassland	BLG
Mountain Grassland	MTG
Mountain Meadow	MTM
Rock Outcrops	ROC

WETLAND TYPES

Cattail Marshes	CTM
Bulrush Marshes	BRM
Sedge Meadows	SDM
Wet Grassy Meadows	WGM
Rush Meadow	RSM
Shorelines	SHL
Ponds, Lakes, Reservoirs	PLR
Streams	STR

DISTURBED/HUMAN CREATED TYPES

Revegetated Gravel Mine Sites	RGM
Annual Weed Communities	AWC
Perennial Weed Communities	PWC
Irrigation Ditch	IRD
Modified Stream Drainage	MSD
Irrigated Developed Pasture	IDP
Dryland Developed Pasture	DDP
Cultivated Cropland	CVC
Tree Plantings	TPL

SE1/4. If sites are large and occur in more than one section, then the complete location information should be included in the memo file. When you enter the data in this fashion, the entry on the screen should take the following form: "T1N R71W SEC12 see memo". This will indicate that additional information is available in the memo file.

The Ranking Scale. There are 22 items on the Rating Form that are evaluated using a ranking scale. In all cases the ranks are integers that range from 1 to 10, low to high. Do not input "7.5", "1-2", "5+", or zero.

Overall Habitat Quality. Overall Habitat Quality is a synthesis of all the items that are numerically evaluated. It is not necessarily an arithmetic average of the rankings because the investigator may weight the importance of the various rankings differently. Also, it does not make any sense to average such items as Animal Species Diversity, Restoration Potential, and Current Human Use.

Be particularly aware that the 1 to 10 ranking scale is in reference to the range of wildlife habitat conditions in and near Boulder, Colorado. A 10 is the best that Boulder has to offer. You are not rating habitat quality relative to Rocky Mountain National Park.

Songbirds, Raptors, Water Birds, Deer. Ratings for these fields are based on existing (not potential) habitat quality. A "1" means the existing habitat quality is very low. Also, the ranked score does not necessarily imply current population levels. Deer populations are more variable over time than is the quality of the habitat. Thus, habitat quality should be emphasized, rather than numbers of animals. Brief descriptions of the habitat evaluation criteria for these groups include:

Songbirds. The highest ratings for songbird habitat should be given to sites with the greatest vegetational structural diversity. Sites with good grass cover, shrubs, small trees and tall trees provide the greatest habitat diversity for nest and foraging sites. Sites with some shrub cover or scattered shrubs would have intermediate value. Sites with only ground nesting sites would have the lowest habitat diversity and the lowest quality rating.

Raptors. Habitat quality ratings for raptors should be based on nest sites, hunting areas and perching sites. Areas with abundant prey bases were given high ratings for their ability to provide excellent hunting areas. Sites with tall trees were considered good sites for nesting and perching. Sites with scattered trees adjacent to good sources of prey (prairie dog towns) should be given moderate to high ratings. Sites with low overall quality ratings are those where the above set of criteria were lacking or

reduced in value. Also sites close to homes or industrial development should be given low ratings.

Water Birds. Habitat quality ratings for water birds should be based on the presence and amount of open water as well as on the basis of wetlands associated with open water areas. Sites with large expanses of open water with well-developed herbaceous or shrubby wetlands that provide shelter and nest sites have the highest value. Sites with moderate amounts of water and limited development of shoreline habitats should be given moderate ratings, and sites with limited amounts of open water and little development of shoreline habitats should be given low ratings.

Deer. Since deer are so abundant in the Boulder Valley, it is sometimes difficult to identify which habitats have the highest values for deer. Also, deer tend to use habitats in different ways at different times of the year. Foothills savannas, forests and grasslands usually have high ratings, especially in areas away from human development. Riparian forests and riparian corridors should be given high ratings as long as the shrub understory is fairly well developed. Low ratings should be given to open sites with little shelter.

Give a rating only to the species groups that are appropriate for the site. It is not necessary to place a score in every box. Optionally, a brief comment can follow a field that received a score. For example, "Deer" might be given a score of 8 to indicate a high quality habitat; this might then be followed by "WINTER" to indicate that the site is primarily winter range. The brief comment space following the species or species group names cannot exceed 16 characters including spaces. A list of suggested brief comments is shown in Table 2. Being consistent in the use of "standardized" comments will make searching the data base easier.

A word about brief comments, computer output, and the memo file. The Habitat Quality Rating Form is very similar in appearance to the final data output that will be seen on the computer screen (described later). The brief comments mentioned above that are entered next to the species groups will also appear on the computer screen. These comments can go a long way toward describing a site, but they cannot say everything. A memo file is available, however, for entering additional information. The memo file is described in the section entitled "HOW TO INPUT DATA".

The list of suggested brief comments (Table 2) was prepared to standardize spellings. This will greatly facilitate subsequent computer searches. For example, the user may want to find all the sites that provide deer winter range habitat. Searching for "WINTER" will find these sites. If someone had entered "W-RANGE" the computer will not find it. This does

Table 2. Suggested terms for brief comments associated with habitat quality ratings.

ALL YEAR or ALL	Refers to Wildlife Seasonal Use
WINTER or WIN	Refers to Wildlife Seasonal Use
SPRING or SPR	Refers to Wildlife Seasonal Use
SUMMER or SUM	Refers to Wildlife Seasonal Use
FALL	Refers to Wildlife Seasonal Use
MIGRATION or MIG	Refers to Wildlife Seasonal Use
REPRODUCTION or REPRO	Rookeries, nesting, fawning, etc.
SMALL MAMMALS or SMALL	Usually restricted to the other mammals category. Used for areas that have an important small mammal (prey base) or an exceptional small mammal diversity.
MEDIUM SIZED or MED-SIZE or MED	Usually restricted to the "Other Mammal" category. Used when several species are likely to be common in the area. This group includes mammals like coyote, red fox, striped skunk, raccoons, and others.
POTENTIAL or EXISTING	Usually used with the categories: Mountain Lion, Black Bear, Badger and Turkey. Used to indicate actual presence or potentially good habitat.
N, S, E, and W	Directional abbreviations for the site descriptions.
memo or see memo	Indicates that more information for a particular field is available in the memo file.

not mean that new or innovative brief comments cannot be used to advantage. It only means that it will be difficult to use such terms as search criteria. The usefulness of a non-standardized comment is normally realized only when the record describing the site has been called up using other search criteria; the non-standardized comment is then displayed along with all the other information about the site.

Prairie Dogs. How to settle on a 1 to 10 score for prairie dogs deserves special attention. One person might see a large number of prairie dogs sitting on bare ground and give the site a high score. Another person might focus on the bare overgrazed ground and give the site a low score. The important point is that the criteria used to rate prairie dogs must be consistent among investigators and understood by subsequent users of the data base.

It seems that prairie dogs tend to do well wherever they occur. In this regard it is difficult to evaluate habitat for prairie dogs totally on the basis of the number of prairie dogs. The rating scale for prairie dogs is in reference to the biological quality of the prairie dog town. High quality ratings should be given to sites that have a substantial component of native prairie grasses and forbs. A town with a moderate density, without excessive prairie dog grazing, and with associated wildlife (e.g., burrowing owls) should be rated high. Since prairie dogs tend to degrade their habitats, those sites that have high percentages of native species should be considered as higher quality than those where the dominant species are weeds. Many sites in the Boulder Valley provide moderate to high quality habitat for prairie dogs, if they were allowed to colonize the sites. Do not attempt to evaluate the potential for prairie dog colonization. Ratings should be based on actual site conditions where prairie dogs are present. Small prairie dog towns that are mostly barren or are dominated by weeds should be given low ratings.

Herptiles. This term refers to amphibians and reptiles. Noteworthy species can be entered as brief comments alongside the score, or listed under "Special Species" (described below). Most sites usually have snakes. Amphibians may be common on wetland sites. Use your best discretion in assigning habitat values for herptiles. The herptile category is broad enough that nearly all sites provide some level of adequate habitat for snakes, turtles, frogs, toads or salamanders. The range of quality ratings also depends specifically on the species that are being considered. Sites that are high quality for rattlesnakes and bull snakes would not likely be good for painted turtles. In this regard, the ratings should be qualified on the basis of which group of herptiles is being considered. Remote rocky upland sites in the transition zone between prairie and the foothills forests provide excellent habitat for rattlesnakes. These sites should be given high quality ratings. In

general, open sites with limited vegetation diversity should be given low ratings for herptiles or should be given no rating at all. Nearly all wetland sites provide at least moderate quality habitat for frogs, toads, garter snakes and various species of turtles.

Mt. Lion, Black Bear, Badger, Turkey. Unlike the previous six wildlife categories, ratings for each of these four species will generally be followed by "POTENTIAL" because their occurrence in a given area will most always be sporadic. Furthermore, the numeric ratings are likely to be only loose approximations of the suitability of the habitat. Recent sightings, evaluations of the current status of known populations, or other pertinent comments should be discussed in the memo file.

Mountain Lion. The best habitats for Mountain lions should be considered to be foothills habitats consisting of ponderosa pine savannas, grasslands and shrublands. Sites with broken topography and excellent places to hide should be given the highest ratings. Areas with reported sightings of mountain lions should also be given high ratings. Areas with no reported sightings should be given moderate to high ratings if the appropriate habitat qualities are present.

Black Bear. The habitat quality ratings for black bear are based on essentially the same parameters as those for Mountain lion since these two species tend to occur in the same types of habitats. Mountain lions tend to be found on the plains somewhat more frequently than black bear. Both species also occur within the City of Boulder.

Badger. Badger habitat was assessed mostly on the basis of the potential for badgers to occur on the site. Open prairies with limited human disturbance should be given the highest potential quality ratings.

Turkey. Turkeys are not common in the Boulder Valley. Sites with the highest habitat values are those with relatively large areas of shrublands in the foothills. In some cases, diverse riparian forests provide moderate quality habitat for turkeys. The forests provide shelter as well as a limited food supply.

Other Mammals. This category covers all the additional mammals that could not be squeezed into the Rating Form. Examples include: COYOTE, RED FOX, PORCUPINE, SMALL MAMMALS, MED-SIZE MAMMALS (see Table 1). To save space yet permit subsequent computer searches, you should be aware that "SMALL" will find "SMALL MAMMALS", "MED" will find "MEDIUM-SIZE MAMMALS". If desired, a rare mammal can be listed under "Special Species".

Small. Nearly all sites provide habitat for small mammals. Dry, open disturbed sites provide the lowest quality for this group of species. Moist meadows on floodplains as well as forest understories and shrublands provide much better habitat. Sites with a high diversity of habitat types should be given higher ratings.

Medium-Sized. Habitat quality for this relatively diverse group of mammals is based on much the same values as those used for small mammals. Sites with a diversity of habitat types (grasslands, shrublands, forests and open woodlands) provide the best habitat for medium-sized mammals. Raccoons, skunks and fox squirrels all do very well in urban settings. Habitats for these animals should be considered better when a permanent supply of water is present.

Other Birds. This category refers to birds or bird habitats not adequately accommodated elsewhere on the Rating Form. Examples include: breeding habitat for a species of particular interest; nesting colonies of swallows; fall or spring concentration areas, etc. This category was commonly used for upland game birds, like sharp-tailed grouse and was considered as potential habitat. Open prairie with scattered shrublands was considered as moderate to high quality habitat for this species. Again, a rare species can be listed under "Special Species".

Special Species. The wildlife species included in this category are those identified in the lists of species of special interest in Boulder County. The data base has room for 60 alphanumeric characters including spaces to accommodate the names of special species. This is quite a lot. For example the following entry consumes slightly over half the available space....Fern (*Asplenium andrewsii*). Any species listed under Special Species would likely be discussed in the memo file. Furthermore, a long list of special species could be included in the memo file if it is desired.

Species Diversity: Animal and Plant. These two categories provide for the rating of animal and plant diversity (diversity, or richness, is defined in each case as the number of different species). As mentioned earlier, the investigator is not required to rate every item on the Rating Form. However, in these two cases researchers are strongly urged to do so. Diversity, or richness, is a measure that says a great deal about habitat quality. Use the memo file to discuss other kinds of diversity (clumped vegetation, vertical structure in a forest, edge effects, etc.).

Pristine Quality. This category is meant to emphasize historic ecological conditions. A plant community that has changed very little from its likely condition during pre-settlement times is rated high.

Ecosystem Function. The intent of this evaluation item is to identify how complete a site is relative to the variety and complexity of trophic levels. A site with high ecosystem function would be an undisturbed, natural community that has not been influenced by human development. Lower ecosystem function values would be given to sites that have been altered by human activity.

Restoration Potential. The rating scale for this field is in reference to cost-effectiveness. A high rating is given to a site if a substantial improvement to wildlife habitat can be achieved with a modest effort. (Restoration does not include construction of trails, shelters, parking areas, or other facilities).

Wildlife Conflicts. This category refers to two kinds of potential conflicts: 1) nuisance or hazardous wildlife situations (e.g., prairie dogs in the wrong place, deer-vehicle collisions); and 2) behavioral disturbances to wildlife caused by people or domestic animals (e.g., frightening nesting eagles and causing nest abandonment, dogs chasing deer). A high rating means there is a significant potential or existing problem. All such cases are discussed in the memo file.

Human Disturbance. This category is restricted to man- caused disturbances to the vegetation (e.g., bulldozing, vehicle damage, tree cutting). Disturbances may also be related to farming/ranching activities.

Livestock Disturbance. This category is restricted to past or present evidence of livestock grazing or trampling. (Modifications to the vegetation by wildlife are not included, e.g. the effects of prairie dogs, deer, beaver, pocket gophers).

Current Human Use. The number of people utilizing the site.

Habitat Types. This category, like Special Species, has a large space for the entry of names. The names to be entered are the major habitat types that occur on the site. These should be listed in descending order based on areal extent. Suggested (standardized) habitat type names are listed in Table 1. The complete, or nearly complete, name is usually preferred over the rather cryptic 3-letter code. The complete name, however, can generally be shortened without obscuring the meaning. If there is not enough room to list all the habitats, additional information can be entered in the memo file.

Important Nearby Features. This category differs from the previous in that nearby, off-site situations or habitats that influence wildlife conditions on the site can be identified. In some cases it might be appropriate to bring in additional habitat type names or to describe certain features. As mentioned

previously, non-standard names or comments are carried along as part of the record describing the site, but they are seldom useful for searching purposes.

Physical Features. If pertinent, this category can be used for such physical features as soil type, slope, aspect, topography, etc.

Red Flag. This category should be used sparingly to call attention to cautionary concerns not adequately emphasized by the other categories (e.g., the possible loss of a small pond which would eliminate a crucial water source required by local wildlife). A Red Flag is indicated by a "Y" or a "N". If the response is a "Y", the Red Flag is then discussed in the memo file.

Corridor. A "Y" entry for this category identifies a site as being part of a larger wildlife movement corridor. Usually this will mean a riparian habitat that is more or less unbroken over a distance of at least several miles. Any peculiarities, other sorts of corridors, or noteworthy comments are discussed in the memo file.

Acres. The areal extent of the site expressed in acres (to one decimal place, if appropriate).

Elevation. The elevation of the site in feet. For large sites, it may be appropriate to include ranges of elevation.

Literature. A "Y" entry means that some sort of literature is available concerning the site. The citation is placed in the memo file.

Ownership. The name of the property owner. The memo file should be used if there are several owners. This entry may also be simply listed as "PRIVATE" to indicate private ownership.

DESCRIPTIONS OF THE HABITAT TYPES

Table 1 provides a list of the habitat types and abbreviations used in this study. Each of the habitat types is briefly described in the section that follows. These descriptions can be used in the future when additional entries are added to the data base.

Forested/Tree Types

Ponderosa Pine Forest. (PPF). This is primarily a habitat type of the foothills. The type is characterized by relatively dense stands of ponderosa

pine (*Pinus ponderosa*). The understory is usually sparse with scattered shrubs.

Douglas Fir Forest. (DFF). This type also occurs in the foothills and tends to be found on sites that are more mesic than the ponderosa pine forests. Stands of this type occur in narrow canyons and on north facing slopes. The dominant species is Douglas fir (*Pseudotsuga menziesii*), however ponderosa pine is usually a common component of these forests.

Aspen Forest. (ASF). Aspen forests are more prevalent at elevations higher than the foothills west of Boulder. Some small stands occur on north facing slopes and on moist sites. The major species is quaking aspen (*Populus tremuloides*). The understory in these forests is usually better developed than in the ponderosa pine and Douglas fir forest types.

Riparian Forest. (RPF). The riparian forest type occurs mostly on the plains once streams leave the narrow mountain canyons. Riparian forests in the mountains also support narrow gallery forests, but most of the riparian forest site that were included in the data base occur on the plains. In the foothills canyons the riparian forests are dominated by plains cottonwood (*Populus sargentii*) and narrowleaf cottonwood (*Populus angustifolia*). Riparian forests on the plains are usually dominated by plains cottonwood, crack willow (*Salix fragilis*), peachleaf willow (*Salix amygdaloides*) and Russian olive (*Elaeagnus angustifolia*). Box elder (*Acer negundo*) occurs as a secondary dominant. The understory vegetation in these forests is characterized by a variety of grass or grasslike species, many of which are not native to the region. Native shrubs, like western snowberry (*Symphoricarpos occidentalis*), golden currant (*Ribes aureum*) and chokecherry (*Prunus virginiana*) commonly occur. Populations of these shrub species have been reduced in areas with livestock grazing. The riparian forests on the plains provide important wildlife movement corridors.

Ponderosa Pine Savanna. (PPS). The ponderosa pine savanna type occurs primarily in the foothills. These are sites with scattered ponderosa pine trees growing in a matrix of mountain grassland. The transition between ponderosa pine forest and ponderosa pine savanna is usually not distinct. Ponderosa pine forests have dense canopies with trees that are closely spaced. Savannas have trees that are widely spaced with very open canopies.

Scattered Trees. (SCT). This habitat type consists of various types of herbaceous communities in which scattered trees occur. The trees in this type are usually native trees that have become established on their own. Plantings of introduced trees should be categorized as Tree Plantings.

Shrubland Types

Mixed Plains Shrublands. (MPS). This habitat type occurs on the plains and is characterized by shrub stands dominated by chokecherry, wild plum (*Prunus americana*), and hawthorn (*Crataegus* sp.). Skunkbush sumac (*Rhus trilobata*) may also be present. These shrublands usually occur in conjunction with rock outcrops on the plains or along drainages and swales.

Mixed Mountain Shrubland. (MMS). The mixed mountain shrubland type occurs in the foothills and is characterized by a variety of shrub species including squaw currant (*Ribes cereum*), mountain mahogany (*Cercocarpus montanus*), skunkbush sumac, chokecherry and mountain snowberry (*Symphoricarpos oreophilus*). The type occurs along draws as well as on upland sites in conjunction with ponderosa pine forests and savannas.

Skunkbush Sumac Shrubland. (SSS). The skunkbush sumac shrubland type occurs mostly on the plains and is characterized by the abundance of skunkbush sumac. This type could be considered as a mixed plains shrubland in which skunkbush sumac occurs as the dominant species. Skunkbush sumac also occurs in the foothills where it may form dense thickets.

Willow Shrubland. (WLS). The willow shrubland type occurs along streams both in the mountains and on the plains. In the mountains, the shrublands may support a variety of willow species (*Salix* spp.). On the plains, the major species is coyote willow (*Salix exigua*). The better stands of this type occur along the larger stream courses, like Boulder Creek.

Grassland/Herbaceous Types

Foothills Tall grass Prairie. (TGP). The foothills tall grass prairie type tends to occur on floodplain areas, however it may also occur on upland sites at the base of the foothills. Dominant species include big bluestem (*Andropogon gerdardi*), switchgrass (*Panicum virgatum*) and Indian grass (*Sorghastrum nutans*).

Shortgrass Prairie. (SGP). Shortgrass prairie stands tend to occur on the drier sites on the plains. Major species include blue grama (*Bouteloua gracilis*) and buffalo grass (*Buchloe dactyloides*).

Mixed Grass Prairie. (MGP). The mixed grass prairie type is the most common of the grassland types on the plains in Boulder County. This type occurs on sites that are more moist than those that support shortgrass prairie, but are too dry to support tall grass prairie. The dominant species include wheatgrasses (*Agropyron* spp.) and needlegrasses (*Stipa* spp.) as

well as blue grama, prairie Junegrass (*Koeleria macrantha*) and several species of upland sedges (*Carex* spp.).

Alkaline Grassland. (ALG). This grassland type occurs on areas with poor drainage where salt concentrations in the soil tend to be elevated above normal levels. Major species include inland saltgrass (*Distichlis stricta*), alkali sacaton (*Sporobolus airoides*), alkali bluegrass (*Poa juncifolia*) and alkali muhly (*Muhlenbergia asperifolia*). In many cases this type is associated with alkaline wetlands.

Bottomland Grassland. (BLG). The bottomland grassland type occurs on floodplains or other low areas. These areas tend to be more moist than the surrounding uplands but they are not wetlands. Major species include slender wheatgrass (*Agropyron trachycaulum*), smooth brome (*Bromus inermis*) and Kentucky bluegrass (*Poa pratensis*).

Mountain Grassland. (MTG). The mountain grassland type occurs in the foothills on sites that do not support forests or shrublands. In appearance, the type resembles the mixed grass prairie type, however, the species composition is varied and includes components from the mixed grass prairie type as well as from the mountain community types.

Mountain Meadow. (MTM). The mountain meadow type occurs in the foothills and is different from the mountain grassland type in that it tends to be found on sites that are more moist and tends to be dominated by broad leaved plants rather than grasses. This type is more prevalent at elevations higher than those found in the foothills.

Rock Outcrops. (ROC). Rock outcrops occur both in the foothills and on the plains. While these areas are usually poorly vegetated, the major species tend to be herbaceous. Scattered shrublands usually occur in association with the rock outcrops. While rock outcrops are not very common on the plains, they are very important for a variety of wildlife species.

Wetland Types

Cattail Marshes. (CTM). Cattail marshes occur in association with reservoirs, ponds, irrigation ditches and slow stream courses. The major species is common cattail (*Typha latifolia*). These habitats usually occur in standing water or on sites that have saturated soils.

Bulrush Marshes. (BRM). Bulrush marshes occur on sites similar to those that support cattail marshes, except that the major species are

bulrushes (*Scirpus* spp.). Sombrero marsh is an excellent example of this type.

Sedge Meadows. (SDM). Sedge meadows usually occur on floodplain sites or on sites where a constant supply of water is present. Major species in this type include a variety of sedge species including *Carex aquatilis*, *Carex nebraskensis*, and *Carex praegracilis*.

Wet Grassy Meadows. (WGM). Wet grassy meadows occur on the same kinds of sites that support sedge meadows, however the dominant species tend to be grasses rather than sedges. Major species include reed canary grass (*Phalaris arundinacea*) and prairie cordgrass (*Spartina pectinata*).

Rush Meadow. (RSM). Rush meadows occur on a variety of moist to wet sites. These usually occur on floodplains, in bottomland swales or on seepage sites associated with irrigation ditches. Like the other wetland types, the rush meadows also occur in association with ponds and reservoirs. The major species in this type is Baltic rush (*Juncus arcticus* ssp. *ater*).

Shorelines. (SHL). The shoreline habitat type occurs in association with ponds and reservoirs. The size of this type changes throughout the season as reservoir reserves are depleted and evaporation reduces the sizes of ponds. Shorelines are usually quite muddy, however in some places they are more sandy.

Ponds, Lakes and Reservoirs. (PLR). Ponds, lakes and reservoirs are bodies of standing open water. These range in size from large reservoirs, like Boulder Reservoir, to small stock watering ponds.

Streams. (STR). Streams include natural drainages with running water. This type can include intermittent and ephemeral streams as well as streams that run all year long.

Disturbed/Human Created Types

Revegetated Gravel Mine Sites. (RGM). There are numerous sites in the Boulder Valley where sand and gravel have been extracted. These sites almost always occur on the floodplains of the major drainages. In the past, little effort was placed on reclamation and restoration of these sites. Many of these areas have become naturally revegetated. Sawhill Ponds is an excellent example of this type of revegetated gravel mine site. More recently, conscious effort has been directed toward revegetation of these disturbed areas. The reclaimed gravel mine site on the south side of Boulder

Creek at the White Rocks is a good example of this type of revegetation. In general, these sites support a variety of grassland types, wetlands and areas with open water.

Annual Weed Communities. (AWC). Annual weed communities developed on abandoned, disturbed sites. Major annual species include Russian thistle (*Salsola iberica*), summer cypress (*Kochia iranica*), species of pigweed (*Amaranthus* spp.), species of goosefoot (*Chenopodium* spp.) and species of knapweed (*Centaurea diffusa* and *Centaurea maculosa*).

Perennial Weed Communities. (PWC). Perennial weed communities also occur on abandoned disturbed sites, however the dominant species tend to be perennial rather than annual. Sometimes this type can be found in association with prairie dog towns. Major species include field bindweed (*Convolvulus arvensis*), Canada thistle (*Cirsium arvense*) white top (*Cardaria draba*) and perennial peppergrass (*Lepidium latifolium*).

Irrigation Ditch. (IRD). Irrigation ditches occur throughout the Boulder valley and provide a wide range of wildlife habitats. In many ways they are similar to the native riparian areas in that they may support fairly dense stands of trees as well as shrublands. Open flowing water is available usually only during the growing season. The banks of the ditches are subject to repeated disturbances as the irrigation companies clean and maintain the ditches. Like the riparian areas, the irrigation ditches form important corridors for movement of wildlife species.

Modified Stream Drainage. (MSD). Modified stream drainages include channelized streams and manipulated stream courses within developed areas. These areas originally supported native riparian vegetation types, but now the vegetation is composed of grassed waterways or weedy vegetation. These constitute highly altered habitat types.

Irrigated Developed Pasture. (IDP). Irrigated developed pastures include pastures that are used for hay production and are irrigated. These could be used for production of either alfalfa or grass hay.

Dryland Developed Pasture. (DDP). Dryland developed pastures are used for hay production, but they are not irrigated. Introduced pasture grasses are usually grown on these sites. In general, they resemble native mixed and tall grass prairies, but the species composition is different, and the species diversity is much lower.

Cultivated Cropland. (CVC). Cultivated croplands includes areas that are used for production of crops, like small grains or irrigated corn. These fields are usually cultivated on an annual basis.

Tree Plantings. (TPL). The tree planting type includes areas where introduced trees have been planted for hedgerows or shelter belts. Examples would include areas where Siberian elm (*Ulmus pumila*) or Russian olive trees have been planted.

HOW TO INPUT DATA FOR THE DATA BASE

The use of the Boulder Wildlife Habitat data base assumes at least a limited knowledge of how to use dBase III+. The user needs to know how to load a data base file, how to select a screen format file, how to use an index file and how to either edit existing records in the data base or append new entries into the data base. These are all simple commands and even first-time dBase users should be able to master them in a matter of a few minutes.

There are two data entry screens used to input or edit the information for the data base. The first screen appears when users choose to either edit an existing record or append a new one. The two screens are shown in Figure 2. When the first screen appears, the cursor will be located in the first field on the screen (Site I.D.). To enter the data, simply type the appropriate information in the space provided. Press enter after you have finished. When you press enter, the cursor will move to the next field ("Location", in the case of the first screen). Data entry continues in this fashion for all additional fields, except for "Comments". The comments file is handled in a different way. To access the comments, move the cursor to the "Comments" field. It will always say "memo". You can move the cursor from field to field using the up and down arrows on the computer keyboard. With the cursor placed in the memo field, press Ctrl-Page Down. This will bring up another screen that will allow you to enter, edit or read comments. To get back to the data entry screen from the comments screen, press Ctrl-W, or Ctrl-Page Up. After making the final entry for the record or after making changes, press page down and go to the next record. This makes sure that any changes or additions are saved to the data base file.

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.:	Location:	
Site Description:		
Overall Habitat Quality Rating:	Comments: memo	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: Raptors: Water Birds: Deer: Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: Other Birds:	
Species Diversity Ratings		
Animal Species Diversity:	Plant Species Diversity:	
Special Species:		

Press PgUp for Previous Record OR PgDn for More Data

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.:	Other Evaluation Items	
Pristine Quality: Ecosystem Function: Restoration Potential: Wildlife Conflicts:	Human Disturbance: Livestock Disturbance: Current Human Use:	
Additional Site Characteristics		
Habitat Types: Important Nearby Habitats: Physical Features: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Red Flag (Y/N): Corridor (Y/N): Literature: </div> <div style="width: 45%;"> Area (Acres): Elevation (feet): Ownership: </div> </div>		

Press PgUp for Previous Screen OR PgDn for Next Record

Figure 2. Examples of the two data entry screens.

**TABULAR SUMMARIES FOR
WILDLIFE HABITAT PARCELS
INCLUDED IN THE DATA BASE
AREAS 1 AND 2**

The pages which follow present the information for each of the records in the data base for the wildlife habitat parcels included in the study. The map that accompanies this report shows the individual locations for each parcel.

In all, 89 parcels were included in the inventory. They were numbered sequentially beginning with number 01. For ease of accessing the information, the parcels are listed in order. Three areas are included in the data base that were not evaluated. These include areas 12, 66 and 67.

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: RPF-01		Location: T1S R70W SEC33 SW1/4
Site Description: RIPARIAN ALONG COAL CREEK E AND W OF HIWAY 93		
Overall Habitat Quality Rating: 8		8-9
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 8 Raptors: 9 Water Birds: Deer: 7 WINTER Prairie Dogs: Herptiles: 5	Mountain Lion: 6 Black Bear: 3 Badger: 5 Turkey: 8 Other Mammals: 7 MED-SIZED Other Birds: 8	
Species Diversity Ratings		
Animal Species Diversity: 7		Plant Species Diversity: 8
Special Species: DIPPER		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.: RPF-01		Other Evaluation Items
Pristine Quality: 6 Ecosystem Function: 8 Restoration Potential: 7 see memo Wildlife Conflicts: 6 see memo	Human Disturbance: 5 Livestock Disturbance: 6 Current Human Use: 3	
Additional Site Characteristics		
Habitat Types: RIPARIAN FOREST MIXED GRASS PRAIRIE BOTTOMLAND GRASSLAND Important Nearby Features: LARGE TRACT OF OPEN SPACE PRAIRIE Physical Features: PERENNIAL STREAM AND SOME ROCK OUTCROPS Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5920 Literature: Ownership:		

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-01

Justification for Overall Quality Rating:

This site has a high diversity of habitat types plus year around open water. Grazing and proximity to Highway 93 detract from the overall quality, however the site is relatively remote. The site could be improved with some weed control.

Restoration Potential:

The riparian habitat has been severely grazed and disrupted. The removal of cattle would benefit many wildlife species, including sharp-tailed grouse.

Wildlife Conflicts:

This is a deer movement corridor. Because of nearby Highway 93, deer-car collisions are potentially a hazard.

Proposed critical wildlife habitat by Boulder County. High quality riparian habitat. The structural diversity of habitat provides exceptional diversity and density of wildlife species.

This area contains a major movement corridor for coyotes, deer, and probably mountain lions.

Habitat rating for coyote = 10.

Site I.D.: RPF-02 Location: T1S R70W SEC33 see memo
 Site Description: RIPARIAN ALONG COAL CREEK E OF HIWAY 128

Overall Habitat Quality Rating: 8 7-8

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 7	Mountain Lion: 2
Raptors: 7	Black Bear:
Water Birds: 2	Badger: 5
Deer: 8	Turkey: 4
Prairie Dogs:	Other Mammals: 7 SMALL MED-SIZE
Herptiles: 2	Other Birds: 6

Species Diversity Ratings

Animal Species Diversity: 7 Plant Species Diversity: 7

Special Species:

Site I.D.: RPF-02 Other Evaluation Items

Pristine Quality: 6	Human Disturbance: 6
Ecosystem Function: 9	Livestock Disturbance: 8
Restoration Potential: 6 see memo	Current Human Use: 3
Wildlife Conflicts: 4	

Additional Site Characteristics

Habitat Types: RIPARIAN WOODLAND MIXED GRASS PRAIRIE
 Important Nearby Features: LARGE AREAS OF MIXED GRASS PRAIRIE
 Physical Features: PERENNIAL STREAM

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): Y	Elevation (feet): 5920
Literature:	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-02

Justification for Overall Quality Rating:

This site is large, but the riparian has been grazed and the vegetation is not well developed. The extensive nearby prairie habitat adds to the overall quality of the site.

Restoration Potential:

Simply removing the livestock grazing would improve the quality of the site by increasing the amount of cover by perennial grasses. The potential for some channel work also exists. Installation of gabions, checkdams and potential replanting are all possible.

General Comments

Proposed critical wildlife habitat by Boulder County. High quality riparian habitat.

Complete Location Information:

T1S R70W SEC33 NE1/4; SEC27 SW1/4; SEC34 NW1/4

Page 1 of 2

Location: T1S R70W SEC34

Site Description: UPLAND PRAIRIE E OF HIWAY 128 2 MILES S OF MARSHALL

Overall Habitat Quality Rating: 8 7-8

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds:	6
Raptors:	6
Water Birds:	
Deer:	5 WINTER
Prairie Dogs:	
Herptiles:	3

Mountain Lion:
Black Bear:
Badger: 4
Turkey:
Other Mammals: 7 SMALL MED-SIZE
Other Birds:

Species Diversity Ratings

Animal Species Diversity: 6 Plant Species Diversity: 6

Special Species:

Page 2 of 2

Site I.D.:MGP-03

Other Evaluation Items

Pristine Quality:	7
Ecosystem Function:	9
Restoration Potential:	3
Wildlife Conflicts:	4

Human Disturbance: 4
Livestock Disturbance: 5
Current Human Use: 3

Additional Site Characteristics

Habitat Types: MIXED GRASS PRAIRIE SHORT GRASS PRAIRIE
Important Nearby Features: RIPARIAN FOOTHILLS CORRIDOR
Physical Features: GENTLY ROLLING TOPOGRAPHY

Red Flag (Y/N): N
Corridor (Y/N): N
Literature:

Area (Acres): 0.0
Elevation (feet): 5840
Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-03

Justification for Overall Quality Rating:

Large mixed grass prairie with relatively little disturbance. Also the site is close to a riparian corridor. There are some weeds resulting from grazing activities.

Restoration:

Removing grazing may help increase cover by sharp-tailed grouse.

General Comments:

Important winter habitat for deer. Less important at other times of the year.

Site I.D.: PPS-04

Location: T1S R70W SEC31

Site Description: PONDEROSA SAVANNA 1 MI SE OF ELDORADO SPRINGS

Overall Habitat Quality Rating: 9 9-9

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 7	Mountain Lion: 8 ACTUAL
Raptors: 7	Black Bear: 7
Water Birds:	Badger:
Deer: 8 ALL YEAR	Turkey: 6 POTENTIAL
Prairie Dogs:	Other Mammals: 8 MED-SIZE
Herptiles:	Other Birds: 6

Species Diversity Ratings

Animal Species Diversity: 7 Plant Species Diversity: 6

Special Species: ABERT'S SQUIRREL GOSHAWK BLUE GROUSE

Site I.D.: PPS-04

Other Evaluation Items

Pristine Quality: 7	Human Disturbance: 3
Ecosystem Function: 8	Livestock Disturbance: 4
Restoration Potential: 2	Current Human Use: 2
Wildlife Conflicts: 2	

Additional Site Characteristics

Habitat Types: PONDEROSA PINE SAVANA MIXED GRASS PRAIRIE see memo
 Important Nearby Features: MIXED GRASS PRAIRIE RIPARIAN AREAS
 Physical Features:

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 6000
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PPS-04

Justification for Overall Quality Rating:

Large expanse of high quality ponderosa pine - prairie habitat. Very large expanse of undisturbed mountain habitat to the west. The site is not close to human disturbance. Removal of grazing would improve the site.

Restoration Potential:

Removing grazing and some weed control would improve the site.

Other Habitat Types:

DOUGLAS FIR FOREST ROCK OUTCROP MIXED MOUNTAIN SHRUBLAND IRRIGATION DITCH

General Comments:

There are some impacts from past mining (Conda Aggregate Mine). The site borders on key movement corridor along Doudy Draw with possible connections to Coal Creek.

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: RPF-05 Location: T1S R70W SEC32 see memo Site Description: DOUDY DRAW 1 MI SE OF ELDORADO SPRINGS		
Overall Habitat Quality Rating: 9 9-9		
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 9 Raptors: 8 Water Birds: 2 Deer: 9 WINTER Prairie Dogs: Herptiles: 2	Mountain Lion: 5 POTENTIAL Black Bear: 1 Badger: 6 POTENTIAL Turkey: 6 POTENTIAL Other Mammals: 9 MED-SIZE Other Birds:	
Species Diversity Ratings		
Animal Species Diversity: 9 Plant Species Diversity: 8		
Special Species:		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.: RPF-05 Other Evaluation Items		
Pristine Quality: 7 Ecosystem Function: 8 Restoration Potential: 3 Wildlife Conflicts: 2	Human Disturbance: 3 Livestock Disturbance: 4 Current Human Use: 6	
Additional Site Characteristics		
Habitat Types: RIPARIAN FOREST MIXED GRASS PRAIRIE MIXED PLAINS SHRUB Important Nearby Features: MANY ACRES OF OPEN SPACE Physical Features: PERENNIAL STREAM/POOLS <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Red Flag (Y/N): N Corridor (Y/N): Y Literature: </div> <div style="width: 45%;"> Area (Acres): 0.0 Elevation (feet): 5760 Ownership: </div> </div>		

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-05

Justification for Overall Quality Rating:

The site is large and has a high diversity of habitat types and habitat heterogeneity. There are lots of "edge" habitats due to the patchy distribution of the vegetation types. The site includes many acres of prairie, shrublands, riparian forest, perennial water all with good cover for many animals. There are only a few weeds.

Restoration Potential:

Weed control in selected areas. Introduction of prairie grasses into disturbed areas as possible. It may be possible to install small checkdams in the stream channels and provide an additional source of water for wildlife.

General Comments:

Extensive grazing in past years has removed most of the shrub component from the forest understory. Any future grazing on the site should be carefully managed.

The area includes a major ponderosa pine habitat island and corridor connections southwest into Jefferson County which are very important.

Complete Location Information:

T1S R70W SEC32 NW1/4; SEC29 SW1/4

Site I.D.: RPF-06 Location: T1S R70W SEC6
 Site Description: SOUTH BOULDER CRK RIPARIAN .5 MI N OF MARSHALL E OF 93

Overall Habitat Quality Rating: 8 8-9

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds:	9	Mountain Lion:	4
Raptors:	7	Black Bear:	
Water Birds:	6	Badger:	
Deer:	9	Turkey:	
Prairie Dogs:		Other Mammals:	8
Herptiles:	2	Other Birds:	

Species Diversity Ratings

Animal Species Diversity: 8 Plant Species Diversity: 9

Special Species:

Site I.D.:RPF-06 Other Evaluation Items

Pristine Quality:	6	Human Disturbance:	4
Ecosystem Function:	8	Livestock Disturbance:	4
Restoration Potential:	6 see memo	Current Human Use:	6
Wildlife Conflicts:	2		

Additional Site Characteristics

Habitat Types: RIPARIAN FOREST MIXED PLAINS SHRUBLAND WILLOW SHRUBLAND
 Important Nearby Features:PRAIRIE ROCK OUTCROPS
 Physical Features:MEANDERING FOOTHILLS/PLAINS STREAM

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): Y	Elevation (feet): 5380
Literature:	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-06

Justification for Overall Quality Rating:

The site has a well-developed but narrow riparian forest. Vertical structure of habitats is high due to the dense understory and un-even age distribution of trees. Also, there is diverse habitat diversity nearby. Many native species. Good diversity and corridor connections.

Restoration Potential:

Weedy areas related to human disturbance could be restored with native herbaceous plants.

General Comments:

Gravel mining nearby on northwest. Marshall serves as a wildlife "bottleneck" between upstream and downstream areas.

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: RPF-07 Site Description: S BOULDER CRK AT HIWAY 36 1 MI SE OF FOOTHILLS PKWY	Location: T1S R70W SEC9 see memo
Overall Habitat Quality Rating: 7 6-8	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 8 Raptors: 8 Water Birds: 5 Deer: 5 ALL YEAR Prairie Dogs: Herptiles: 2	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals:8 Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 7 Plant Species Diversity: 6	
Special Species: WHITE-TAILED DEER	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.:RPF-07	Other Evaluation Items
Pristine Quality: 5 Ecosystem Function: 9 Restoration Potential: 6 see memo Wildlife Conflicts: 6 see memo	Human Disturbance: 7 Livestock Disturbance:6 Current Human Use: 5
Additional Site Characteristics	
Habitat Types: RIPARIAN FOREST TALL GRASS PRAIRIE see memo Important Nearby Features:SOUTH BOULDER CREEK CORRIDOR Physical Features:FLOODPLAIN AND ADJACENT GRASSLAND Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5310-5350 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-07

Justification for Overall Quality Rating:

A moderate rating was given because the riparian is thin and degraded by grazing. Also, the stream has been channelized.

Wildlife Conflicts:

There is a deer-vehicle collision potential.

Restoration Potential:

Reshaping the stream channel would improve habitat and visual appearance. Dense plantings are not recommended because of the potential for deer to shelter near the highway. Preventing grazing would enhance vegetation development. Weed control would improve site.

This could be a good location to widen and diversify habitats by adding riparian tree and shrub species.

Other Habitats:

PERENNIAL WEED COMMUNITY MIXED PLAINS SHRUBLAND SEDGE MEADOW STREAM

Complete Location Information:

T1S R70W SEC9 E1/2; SEC10 NW1/4

Site I.D.: RPF-08 Location: T1S R70W SEC3 SW1/4
 Site Description: S BOULDER RIPARIAN JUST NORTH OF SOUTH BOULDER ROAD

Overall Habitat Quality Rating: 7 6-7

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 6	Mountain Lion:
Raptors: 6	Black Bear:
Water Birds: 5	Badger:
Deer: 4	Turkey:
Prairie Dogs:	Other Mammals: 8
Herptiles:	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 5 Plant Species Diversity: 5

Special Species: RED FOX

Site I.D.: RPF-08 Other Evaluation Items

Pristine Quality: 4	Human Disturbance: 5
Ecosystem Function: 7	Livestock Disturbance:
Restoration Potential: 6 see memo	Current Human Use: 8
Wildlife Conflicts: 7	

Additional Site Characteristics

Habitat Types: RIPARIAN FOREST SEDGE MEADOW BOTTOMLAND GRASSLAND memo
 Important Nearby Features:
 Physical Features:
 Red Flag (Y/N): N Area (Acres): 0.0
 Corridor (Y/N): Y Elevation (feet): 5290
 Literature: Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-08

Justification for Overall Quality Rating:

The overall rating is due to the thin and discontinuous riparian habitat and to the considerable disturbance, especially near the creek. South Boulder Creek Trail runs through the site. The native understory is good in some places.

Restoration Potential:

Tree and shrub plantings along the creek would improve the overall habitat quality. This may be a good site for establishing tulip gentian (*Eustoma grandiflora*). Potential for restoring tall grass prairie in adjacent areas.

Disturbances to riparian areas could possibly be reduced by moving the trail away from the streamside.

General Comments:

This is a major wildlife movement corridor that has been adversely affected by human activities.

Additional Habitat Types:

FLOWING OPEN WATER

Page 1 of 2

Location: T1S R70W SEC3 NW1/4

S BOULDER CRK RIPARIAN JUST SOUTH OF BASELINE

9 7-10

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

8

8

5

7 WINTER

5 AMPHIBIANS

Black Bear:

Turkey:

Other Birds:

Species Diversity Ratings

Plant Species Diversity: 8

Plant Species Diversity: 8

Spiranthes diluvialis RED-HEADED WOODPECKER see memo

Page 2 of 2

Other Evaluation Items

6

8

4 see memo

7

4

Livestock Disturbance:5

9

Additional Site Characteristics

RIPARIAN FOREST DRYLAND DEVELOPED PASTURE see memo

Important Nearby Features:

Physical Features:

Area (Acres): 0.0

Elevation (feet): 5300

Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-09

Justification for Overall Quality Rating:

The cottonwood riparian habitat is reasonably well-developed and rather extensive. Considerable cover and habitat diversity exists. The creek provides year around water. High plant and animal diversity. Excellent structural diversity. Rating is based on the quality of the riparian forest. Human activity reduces the overall rating.

Wildlife Conflict:

There is a high human use trail near the best quality habitat. The value to sensitive species (raptors, foxes) is reduced because of the amount of human use on the trail.

Restoration Potential:

Some weed control needed. Good potential for re-establishing tall grass prairie on meadows adjacent to riparian forest.

Additional Habitat Types:

FLOWING OPEN WATER

Special Species:

Johnny Darter, Goshawk, Coopers Hawk, Prairie Falcon

Red Flag:

Spiranthes diluvialis is Federally listed as a threatened species and occurs to only a limited extent in the Boulder Valley.

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: RPF-10 Location: T1S R70W SEC34 SE1/4 Site Description: SECTION OF SOUTH BOULDER CREEK 0.5 MI S OF ARAPAHOE		
Overall Habitat Quality Rating: 7 6-7		
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 8 Raptors: 6 Water Birds: 6 Deer: 6 Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: Other Birds:	
Species Diversity Ratings		
Animal Species Diversity: 5		Plant Species Diversity: 7
Special Species:		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.: RPF-10	Other Evaluation Items	
Pristine Quality: 5 Ecosystem Function: 7 Restoration Potential: 5 see memo Wildlife Conflicts: 6 see memo	Human Disturbance: 5 Livestock Disturbance: Current Human Use: 7	
Additional Site Characteristics		
Habitat Types: RIPARIAN FOREST MIXED GRASS PRAIRIE DRYLAND PASTURE Important Nearby Features: Physical Features: <div style="display: flex; justify-content: space-between;"> <div> Red Flag (Y/N): N Corridor (Y/N): Y Literature: </div> <div> Area (Acres): 0.0 Elevation (feet): 5280 Ownership: </div> </div>		

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-10

Justification for Overall Quality Rating:

The moderate rating is due to the small and disturbed wetland, thin riparian and proximity to houses. There is good age class distribution for trees and good structural diversity.

Wildlife Conflicts:

People and dogs along the nearby trail and in backyards will disturb sensitive wildlife species.

Restoration Potential:

Plantings would benefit songbirds, and could be used to screen area from nearby houses.

Additional Habitat Types:

SEDGE MEADOW

Site I.D.: SHL-11 Location: T1S R70W SEC27 NE1/4
 Site Description: S SHORELINE OF MARSHALL LAKE 1 MI SE OF MARSHALL

Overall Habitat Quality Rating: 5 4-6

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 5	Mountain Lion: 2
Raptors: 4	Black Bear:
Water Birds: 8	Badger:
Deer: 4	Turkey:
Prairie Dogs:	Other Mammals: 5 SMALL MED-SIZE
Herptiles: 2	Other Birds: 1

Species Diversity Ratings

Animal Species Diversity: 5 Plant Species Diversity: 4

Special Species:

Site I.D.: SHL-11 Other Evaluation Items

Pristine Quality: 4	Human Disturbance: 5
Ecosystem Function: 5	Livestock Disturbance: 5
Restoration Potential: 7 see memo	Current Human Use: 6
Wildlife Conflicts: 2	

Additional Site Characteristics

Habitat Types: SHORELINE SEDGE MEADOW
 Important Nearby Features: LARGE TRACT OF PRAIRIE
 Physical Features:

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5680
Literature:	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: SHL-11

Justification for Overall Quality Rating:

The moderate rating is due to a shoreline virtually devoid of trees and other cover.

Restoration Potential:

Removal of grazing and establishment of trees and shrubs would improve the site.

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: SHL-12 Location: T1S R70W SEC27 SW1/4 Site Description: EGGLESTON RESERVOIR MUDFLATS	
Overall Habitat Quality Rating: NOT RATED	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: Raptors: Water Birds: Deer: Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: Other Birds:
Species Diversity Ratings	
Animal Species Diversity: Plant Species Diversity:	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: SHL-12	Other Evaluation Items
Pristine Quality: Ecosystem Function: Restoration Potential: Wildlife Conflicts:	Human Disturbance: Livestock Disturbance: Current Human Use:
Additional Site Characteristics	
<div style="border: 1px solid black; padding: 10px; min-height: 150px;"> Habitat Types: Important Nearby Features: Physical Features: <div style="display: flex; justify-content: space-between;"> <div> Red Flag (Y/N): Corridor (Y/N): Literature: </div> <div> Area (Acres): 0.0 Elevation (feet): 5840 Ownership: </div> </div> </div>	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: SHL-12

This site was not evaluated.

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: PPS-13 Site Description: MARSHALL LAKE PONDEROSA SAVANNA 1 MI S OF MARSHALL	Location: T1S R70W SEC21 SE1/4
Overall Habitat Quality Rating: 8 8-9	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 7 Raptors: 8 Water Birds: Deer: 7 Prairie Dogs: Herptiles: 6 SNAKES	Mountain Lion: 5 ACTUAL Black Bear: Badger: Turkey: Other Mammals: 8 MED-SIZE Other Birds: 6
Species Diversity Ratings	
Animal Species Diversity: 6 Plant Species Diversity: 8	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: PPS-13	Other Evaluation Items
Pristine Quality: 8 Ecosystem Function: 9 Restoration Potential: 4 see memo Wildlife Conflicts: 1	Human Disturbance: 1 Livestock Disturbance: 2 Current Human Use: 4
Additional Site Characteristics	
Habitat Types: PONDEROSA PINE SAVANNA MIXED GRASS PRAIRIE ROCK OUTCROP Important Nearby Features: MARSHALL LAKE MIXED GRASS PRAIRIE Physical Features: SMALL SANDSTONE CLIFFS Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5420 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PPS-13

Justification for Overall Rating:

The high rating is due to reasonably undisturbed habitat with adequate cover and edge habitats. Also the site is close to Marshall Lake and a large expanse of mixed grass prairie.

Restoration Potential:

The Russian knapweed along the access road on the west end should be eliminated/controlled. Removal of grazing would improve the potential of the site for supporting sharp-tailed grouse.

General Comments:

Part of Boulder County Critical Wildlife Habitat area 34. Preserve for nesting grasshopper sparrow (status needs to be reviewed).

Site I.D.: MPS-14 Location: T1S R70W SEC21 NE1/4
 Site Description: MARSHALL MINE SEEP .5 MI S OF MARSHALL

Overall Habitat Quality Rating: 7 7-8

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 7	Mountain Lion:
Raptors: 8	Black Bear:
Water Birds:	Badger:
Deer: 6	Turkey:
Prairie Dogs:	Other Mammals:8
Herptiles: 6	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 7 Plant Species Diversity: 8

Special Species:

Site I.D.:MPS-14 Other Evaluation Items

Pristine Quality: 6	Human Disturbance: 6
Ecosystem Function: 8	Livestock Disturbance:6
Restoration Potential: 4	Current Human Use: 3
Wildlife Conflicts:	

Additional Site Characteristics

Habitat Types: MIXED PRAIRIE SHRUBLAND PONDEROSA PINE SAVANNA see memo
 Important Nearby Features:ROCK OUTCROPS MIXED GRASS PRAIRIE
 Physical Features:ROCK OUTCROPS

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5600
Literature:	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MPS-14

Justification for Overall Quality Rating:

The high rating is due to a rather unique habitat - a seep with dense habitat and rock outcrops. The area, however, is small. Grazing detracts from potentially very high rating.

Restoration Potential:

Weed control and removal of grazing would improve the overall quality of the site. The wetland areas were heavily impacted by late summer.

Additional Habitat Types:

RIPARIAN FOREST ROCK OUTCROP

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: MGP-15 Location: T1S R70W SEC15 see memo Site Description: DAVIDSON MESA 2 MI NE OF MARSHALL		
Overall Habitat Quality Rating: 6 5-8		
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 5 Raptors: 6 Water Birds: Deer: 7 Prairie Dogs: Herptiles: 8 SNAKES	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 7 SMALL Other Birds:	
Species Diversity Ratings		
Animal Species Diversity: 5 Plant Species Diversity: 6		
Special Species:		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.: MGP-15 Other Evaluation Items		
Pristine Quality: 7 Ecosystem Function: 10 Restoration Potential: 6 see memo Wildlife Conflicts:	Human Disturbance: 2 Livestock Disturbance: 3 Current Human Use: 2	
Additional Site Characteristics		
Habitat Types: MIXED GRASS PRAIRIE PONDEROSA PINE SAVANNA see memo Important Nearby Features: MARSHALL MESA Physical Features: ROCK OUTCROPS HILL CREST <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Red Flag (Y/N): N Corridor (Y/N): N Literature: </div> <div style="width: 45%;"> Area (Acres): 0.0 Elevation (feet): 5600 Ownership: </div> </div>		

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-15

Justification for Overall Quality Rating:

This is a large expanse of prairie, but there is limited habitat diversity. There are some scattered ponderosa pine trees.

Restoration Potential:

Site could be improved by removing grazing and implementing some weed control.

Additional Habitat Types:

SKUNKBUSH SUMAC SHRUBLAND ROCK OUTCROPS

General Comments:

Part of tallgrass prairie natural area. Habitat rating for Coyotes = 8.

Complete Location Information:

T1S R70W SEC15 SE1/4; SEC14 NW1/4

City of Boulder Wildlife Habitat Data Base Page 1 of 2																									
Site I.D.: TGP-16	Location: T1S R70W SEC21 NW1/4																								
Site Description: MESIC TALL GRASS PRAIRIE ALONG SOUTH BOULDER CREEK																									
Overall Habitat Quality Rating: 7																									
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">Songbirds:</td><td style="text-align: center; padding: 2px;">6</td></tr> <tr><td style="padding: 2px;">Raptors:</td><td style="text-align: center; padding: 2px;">8</td></tr> <tr><td style="padding: 2px;">Water Birds:</td><td></td></tr> <tr><td style="padding: 2px;">Deer:</td><td style="text-align: center; padding: 2px;">4</td></tr> <tr><td style="padding: 2px;">Prairie Dogs:</td><td></td></tr> <tr><td style="padding: 2px;">Herptiles:</td><td style="text-align: center; padding: 2px;">1</td></tr> </table>	Songbirds:	6	Raptors:	8	Water Birds:		Deer:	4	Prairie Dogs:		Herptiles:	1	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">Mountain Lion:</td><td style="text-align: center; padding: 2px;">5 ACTIVE</td></tr> <tr><td style="padding: 2px;">Black Bear:</td><td></td></tr> <tr><td style="padding: 2px;">Badger:</td><td></td></tr> <tr><td style="padding: 2px;">Turkey:</td><td></td></tr> <tr><td style="padding: 2px;">Other Mammals:</td><td style="text-align: center; padding: 2px;">6 MEDIUM SIZED</td></tr> <tr><td style="padding: 2px;">Other Birds:</td><td></td></tr> </table>	Mountain Lion:	5 ACTIVE	Black Bear:		Badger:		Turkey:		Other Mammals:	6 MEDIUM SIZED	Other Birds:	
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Turkey:																									
Other Mammals:	6 MEDIUM SIZED																								
Other Birds:																									
Species Diversity Ratings																									
Animal Species Diversity: 4	Plant Species Diversity: 6																								
Special Species:																									

City of Boulder Wildlife Habitat Data Base Page 2 of 2															
Site I.D.: TGP-16	Other Evaluation Items														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">Pristine Quality:</td><td style="text-align: center; padding: 2px;">7</td></tr> <tr><td style="padding: 2px;">Ecosystem Function:</td><td style="text-align: center; padding: 2px;">9</td></tr> <tr><td style="padding: 2px;">Restoration Potential:</td><td style="text-align: center; padding: 2px;">3</td></tr> <tr><td style="padding: 2px;">Wildlife Conflicts:</td><td style="text-align: center; padding: 2px;">1</td></tr> </table>	Pristine Quality:	7	Ecosystem Function:	9	Restoration Potential:	3	Wildlife Conflicts:	1	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">Human Disturbance:</td><td></td></tr> <tr><td style="padding: 2px;">Livestock Disturbance:</td><td style="text-align: center; padding: 2px;">3</td></tr> <tr><td style="padding: 2px;">Current Human Use:</td><td></td></tr> </table>	Human Disturbance:		Livestock Disturbance:	3	Current Human Use:	
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Current Human Use:															
Additional Site Characteristics															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2" style="padding: 2px;">Habitat Types: TALL GRASS PRAIRIE PERENNIAL WEED COMMUNITY</td></tr> <tr><td colspan="2" style="padding: 2px;">Important Nearby Features: SOUTH BOULDER CREEK</td></tr> <tr><td colspan="2" style="padding: 2px;">Physical Features: FLOODPLAIN</td></tr> <tr><td style="padding: 2px;">Red Flag (Y/N): N</td><td style="padding: 2px;">Area (Acres): 0.0</td></tr> <tr><td style="padding: 2px;">Corridor (Y/N): Y</td><td style="padding: 2px;">Elevation (feet): 5520</td></tr> <tr><td style="padding: 2px;">Literature:</td><td style="padding: 2px;">Ownership:</td></tr> </table>		Habitat Types: TALL GRASS PRAIRIE PERENNIAL WEED COMMUNITY		Important Nearby Features: SOUTH BOULDER CREEK		Physical Features: FLOODPLAIN		Red Flag (Y/N): N	Area (Acres): 0.0	Corridor (Y/N): Y	Elevation (feet): 5520	Literature:	Ownership:		
Habitat Types: TALL GRASS PRAIRIE PERENNIAL WEED COMMUNITY															
Important Nearby Features: SOUTH BOULDER CREEK															
Physical Features: FLOODPLAIN															
Red Flag (Y/N): N	Area (Acres): 0.0														
Corridor (Y/N): Y	Elevation (feet): 5520														
Literature:	Ownership:														

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: TGP-16

Justification for Overall Quality Rating:

Slightly weedy tall grass prairie. Relatively small area surrounded on three sides by residential area.

General Comments:

Part of tallgrass prairie natural area.

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: PPS-17 Location: T1S R70W SEC20 see memo Site Description: PONDEROSA PINE SAVANNA ON SHANAHAN RIDGE		
Overall Habitat Quality Rating: 8 8-8		
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 6 Raptors: 6 Water Birds: Deer: 8 ALL YEAR Prairie Dogs: Herptiles: 4 SNAKES	Mountain Lion: 8 ACTUAL Black Bear: 2 POTENTIAL Badger: Turkey: 6 POTENTIAL Other Mammals: 8 MED-SIZE Other Birds:	
Species Diversity Ratings		
Animal Species Diversity: 7 Plant Species Diversity: 6		
Special Species: ABERT'S SQUIRREL GOSHAWK BLUE GROUSE GRAY FOX		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.: PPS-17 Other Evaluation Items		
Pristine Quality: 10 Ecosystem Function: 10 Restoration Potential: Wildlife Conflicts: 6 see memo	Human Disturbance: 4 Livestock Disturbance: 2 HISTORIC Current Human Use: 7 TRAILS	
Additional Site Characteristics		
Habitat Types: PONDEROSA PINE SAVANNA Important Nearby Features: FOOTHILLS OPEN SPACE Physical Features: ROLLING FOOTHILLS AND UPLANDS <div style="display: flex; justify-content: space-between;"> <div> Red Flag (Y/N): N Corridor (Y/N): N Literature: </div> <div> Area (Acres): 0.0 Elevation (feet): 5520-5600 Ownership: </div> </div>		

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PPS-17

Justification for Overall Quality Rating:

Excellent ponderosa pine habitat. A higher rating is not warranted because of limited open water and also the large amount of similar habitat in the vicinity.

Wildlife Conflicts:

People in the area may reduce the potential for Mountain Lions, turkeys and nesting goshawks.

Complete Location Information:

T1S R70W SEC19 NE1/4; SEC20 NW1/4; SEC17 SW1/4; SEC18 SW1/4

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: PPF-18 Location: T1S R71W SEC13 see memo Site Description: FERN CANYON 1 MI SOUTH OF NCAR		
Overall Habitat Quality Rating: 9 9-10		
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 8 Raptors: 6 Water Birds: Deer: 9 ALL YEAR Prairie Dogs: Herptiles: 3	Mountain Lion: 6 ACTUAL Black Bear: 5 Badger: Turkey: 4 POTENTIAL Other Mammals: 9 MED-SIZE Other Birds:	
Species Diversity Ratings		
Animal Species Diversity: 9 Plant Species Diversity: 9		
Special Species:		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.: PPF-18 Other Evaluation Items		
Pristine Quality: 10 Ecosystem Function: 9 Restoration Potential: Wildlife Conflicts: 6	Human Disturbance: 3 Livestock Disturbance: 1 Current Human Use: 6	
Additional Site Characteristics		
Habitat Types: PONDEROSA PINE FOREST MIXED MOUNTAIN SHRUBLAND see memo Important Nearby Features: Physical Features: ROCK OUTCROPS STREAM FOOTHILLS Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 6000-6800 Literature: Ownership:		

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PPF-18

Justification for Overall Quality Rating:

High habitat diversity of a limited type in the Boulder Valley. Limited open water and human use somewhat degrade the wildlife diversity.

Additional Habitat Types:

MIXED GRASS PRAIRIE

Complete Location Information:

T1S R71W SEC13 NE1/4; T1S R70W SEC18 NW1/4

Site I.D.: PPF-19 Location: T1N R71W SEC23 SE1/4
 Site Description: PONDEROSA ON S-FACING SLOPE 1 MI UP SUNSHINE CANYON

Overall Habitat Quality Rating: 8 8-8

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 6	Mountain Lion: 7 ACTUAL
Raptors: 6	Black Bear: 5
Water Birds:	Badger:
Deer: 8 ALL YEAR	Turkey: 6 POTENTIAL
Prairie Dogs:	Other Mammals:
Herptiles:	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 6 Plant Species Diversity: 6

Special Species: BLUE GROUSE

Site I.D.: PPF-19 Other Evaluation Items

Pristine Quality: 10	Human Disturbance: 3
Ecosystem Function: 10	Livestock Disturbance: 1
Restoration Potential:	Current Human Use: 5
Wildlife Conflicts: 3 see memo	

Additional Site Characteristics

Habitat Types: PONDEROSA PINE FOREST MIXED MOUNTAIN SHRUBLAND
 Important Nearby Features:
 Physical Features: STEEP TERRAIN ROCK OUTCROPS

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 6080-6400
Literature:	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PPF-19

Justification for Overall Quality Rating:

Large, undisturbed ponderosa pine forest with rock outcrops. It doesn't justify a higher rating because there is such a large amount of similar habitat in the vicinity. This site has high plant and animal diversity.

Wildlife Conflicts:

Very good Mountain Lion Habitat near populated area.

Location: T1N R71W SEC13 CENTER

Site Description: WONDERLAND LAKE .5 MI SW OF BROADWAY AND LEE HILL RD

Overall Habitat Quality Rating: 6 6-6

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

7

Raptors:

6

7

Prairie Dogs:

5 TURTLES

Mountain Lion:3 POTENTIAL

Black Bear:

Badger:

Turkey:

Other Mammals: 7 SMALL MED-SIZE

Other Birds:

Species Diversity Ratings

Animal Species Diversity: 6

Plant Species Diversity: 6

Special Species:

Site I.D.:CTM-20

Other Evaluation Items

4

5

4 see memo

6 see memo

8

Livestock Disturbance:

8

Additional Site Characteristics

Habitat Types: CATTAIL MARSH RUSH MEADOW SCATTERED TREES

Important Nearby Features:MIXED MOUNTAIN SHRUBLAND

Physical Features:WETLAND IN A SEMI-RESIDENTIAL SETTING

N

0.0

N

5550

see memo

Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: CTM-20

Justification for Overall Quality Rating:

The rating is due to the rather large lake and nearby moist meadow habitat, also to the proximity of the hogbacks. The site is a small wetland area, primarily cattails with a grassy wet meadow.

Wildlife Conflicts:

High human use reduces water bird nesting.

Restoration Potential:

A properly designed island would benefit nesting water birds and could be visually attractive. Disturbed areas could be restored to tall grass prairie. Cottonwood and peach-leaved willow trees could be planted.

Literature:

Wonderland Lake Area Survey. Dept. of Geography, University of Colorado, 1972.

Site I.D.: PPS-21 Location: T1N R71W SEC1 see memo
 Site Description: HOGBACK SW OF BEECH AIRCRAFT

Overall Habitat Quality Rating: 8 7-9

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 7	Mountain Lion: 8 ACTUAL
Raptors: 8	Black Bear: 6 POTENTIAL
Water Birds:	Badger:
Deer: 9 ALL YEAR	Turkey: 6 POTENTIAL
Prairie Dogs:	Other Mammals:
Herptiles: 6 RATTLESNAKES	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 7 Plant Species Diversity: 7

Special Species: PRAIRIE RATTLESNAKES

Site I.D.: PPS-21 Other Evaluation Items

Pristine Quality: 10	Human Disturbance:
Ecosystem Function: 7	Livestock Disturbance:
Restoration Potential: 1	Current Human Use: 2
Wildlife Conflicts: 6 see memo	

Additional Site Characteristics

Habitat Types: PONDEROSA PINE SAVANNA MOUNTAIN GRASSLAND
 Important Nearby Features: PONDEROSA PINE FORESTS
 Physical Features: ROCK OUTCROPS CLIFFS RUGGED TERRAIN

Red Flag (Y/N): N Area (Acres): 0.0
 Corridor (Y/N): Y Elevation (feet): 6100-6300
 Literature: Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PPS-21

Justification for Overall Quality Rating:

High quality deer habitat. Limited water and brushy habitat as well as the proximity of houses somewhat reduces the overall quality.

Wildlife Conflicts:

Deer-vehicle collisions are a hazard along nearby Old Stage Road and Foothills Highway.

Physical Features:

Dakota Hogback

Complete Location Information:

T1N R71W SEC1 SW1/4; SEC12 NW1/4

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: PPS-22		Location: T2N R71W SEC36 W1/2
Site Description: HOGBACK WEST OF BEECH AIRCRAFT		
Overall Habitat Quality Rating: 9		8-9
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 8 Raptors: 8 Water Birds: Deer: 9 ALL YEAR Prairie Dogs: Herptiles: 6 RATTLESNAKES	Mountain Lion: 7 ACTUAL Black Bear: 7 POTENTIAL Badger: Turkey: 6 POTENTIAL Other Mammals: Other Birds:	
Species Diversity Ratings		
Animal Species Diversity: 9		Plant Species Diversity: 7
Special Species: PRAIRIE RATTLESNAKES		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.: PPS-22		Other Evaluation Items
Pristine Quality: 10 Ecosystem Function: 8 Restoration Potential: 1 Wildlife Conflicts: 5 see memo	Human Disturbance: 1 Livestock Disturbance: Current Human Use: 2	
Additional Site Characteristics		
Habitat Types: PONDEROSA PINE SAVANNA MIXED MOUNTAIN SHRUBLAND see memo Important Nearby Features: PONDEROSA PINE FORESTS Physical Features: STEEP WEST FACING SLOPE ROCK OUTCROPS Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 6400 Literature: Ownership:		

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PPS-22

Justification for Overall Quality Rating:

High quality deer habitat. Rugged, attractive and reasonably remote. High diversity of habitat types. Large areal extent. Lack of water prevents the site from receiving a higher rating.

Wildlife Conflicts:

Deer-vehicle collisions are a hazard along nearby Old Stage Road.

Additional Habitat Types:

MOUNTAIN GRASSLAND

Other Comments:

This is a potential site for nesting golden eagles, however it may be too accessible to humans. Migrating raptors frequently seen in this area.

Page 1 of 2

Location: T2N R71W SEC36 W1/2

E-FACE OF HOGBACK WEST OF BEECH AIRCRAFT

9-10

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

9

7

9 ALL YEAR

7 see memo

7 ACTUAL

8 POTENTIAL

6 POTENTIAL

8 COYOTES

Species Diversity Ratings

8

Plant Species Diversity: 7

PRAIRIE RATTLESNAKES

Page 2 of 2

Site I.D.:PPS-23

Other Evaluation Items

9

9

1

5

Human Disturbance:

Livestock Disturbance:

2

Additional Site Characteristics

see memo

: PONDEROSA PINE FORESTS MIXED GRASSLANDS

TOPOGRAPHY DISSECTED RAVINES

N

Y

0.0

6000-6400

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PPS-23

Justification for Overall Quality Rating:

This is one of the best large undeveloped tracts in the lower foothills. The site has high quality deer habitat as well a diverse patchy vegetation. The site is remote from public access.

Wildlife Conflicts:

A potential exists for deer-vehicle collisions.

Herptiles:

Prairie rattlesnakes occur on this site. There may be a den on the site. Bull snakes are also common.

Additional Habitat Types:

MIXED MOUNTAIN SHRUBLAND DAKOTA HOGBACK

General Comments:

Classification of this area as a corridor is based on deer movements (north-south) between the Beechcraft and Parsons open space parcels.

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: BRM-24	Location: T2N R70W SEC31 NE1/4
Site Description: WETLANDS BORDERING W EDGE OF LEFT HAND VALLEY RESERVOIR	
Overall Habitat Quality Rating: 8 8-8	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 7 Raptors: Water Birds: 6 Deer: Prairie Dogs: Herptiles: 6	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 7 SMALL Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 6 Plant Species Diversity: 6 see memo	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: BRM-24	Other Evaluation Items
Pristine Quality: 7 Ecosystem Function: 8 Restoration Potential: 4 Wildlife Conflicts: 3 see memo	Human Disturbance: 1 Livestock Disturbance: 1 HORSES Current Human Use: 5
Additional Site Characteristics	
Habitat Types: BULRUSH MARSH Important Nearby Features: SITE BORDERS LARGE RESERVOIR AND PRAIRIE Physical Features: LOW-LYING BOTTOMLAND Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): N Elevation (feet): 5360 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: BRM-24

Justification for Overall Quality Rating:

This is a large wetland area with few weeds. The site occurs in close proximity to open water and upland grasslands. There is one large cottonwood nearby.

Wildlife Conflict:

Potential for disturbance to the vegetation from people using the nearby recreation area.

Plant diversity:

This wetland may have pre-dated the construction of the reservoir.

General Comments:

Proposed as a significant wetland by Boulder County.

Site I.D.: DDP-25 Location: T2N R70W SEC33 S1/2
 Site Description: GRASSLAND-PASTURE .5 MI NE OF BOULDER RESERVOIR

Overall Habitat Quality Rating: 5 5-6

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 5	Mountain Lion:
Raptors: 8	Black Bear:
Water Birds:	Badger: 6 POTENTIAL
Deer:	Turkey:
Prairie Dogs: 6	Other Mammals: 7 SMALL
Herptiles:	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 4 Plant Species Diversity: 5

Special Species: POTENTIAL SHORT EARED OWL NORTHERN HARRIER

Site I.D.: DDP-25 Other Evaluation Items

Pristine Quality: 4	Human Disturbance: 5
Ecosystem Function: 3	Livestock Disturbance: 6
Restoration Potential: 6 see memo	Current Human Use: 1
Wildlife Conflicts: 3	

Additional Site Characteristics

Habitat Types: DRYLAND DEVELOPED PASTURE WET GRASSY MEADOW see memo
 Important Nearby Features: BOULDER RESERVOIR PRAIRIE WETLANDS
 Physical Features: FLAT BOTTOMLAND AREA

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5200
Literature:	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: DDP-25

Justification for Overall Quality Rating:

Habitat degraded by grazing. There is low habitat diversity. Even though the site is large, there is limited structural diversity of habitats.

Restoration Potential:

Native tall grass prairie species could be planted in the bottomland pasture. Wetland creation in progress by open space.

Additional Habitat Types:

BOTTOMLAND GRASSLAND RUSH WETLAND

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: MGP-26 Site Description: SHORT-GRASS PRAIRIE 1 MI W OF BOULDER RESERVOIR	Location: T1N R70W SEC5 see memo
Overall Habitat Quality Rating: 6 5-7	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 6 Raptors: Water Birds: Deer: Prairie Dogs: 7 Herptiles: 5 SNAKES	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 6 SMALL Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 5 Plant Species Diversity: 4	
Special Species: BURROWING OWLS (reported but not seen) NORTHERN HARRIER	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: MGP-26	Other Evaluation Items
Pristine Quality: 6 Ecosystem Function: 6 Restoration Potential: 5 Wildlife Conflicts:	Human Disturbance: 5 Livestock Disturbance: 5 Current Human Use: 4
Additional Site Characteristics	
Habitat Types: MIXED GRASS PRAIRIE SHORTGRASS PRAIRIE Important Nearby Features: POND AND WETLANDS TO THE SOUTH Physical Features: FLAT UPLAND Red Flag (Y/N): Y Area (Acres): 0.0 Corridor (Y/N): N Elevation (feet): 5280 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-26

Justification for Overall Quality Rating:

A fairly large expanse of mixed to short grass prairie. The nearby pond and wetlands add to the overall value of the site. Prairie dogs on the site have impacted the vegetation, however the site is not as weedy as many other prairie dog towns in the Boulder Valley.

Red Flag:

Presence of burrowing owls. We did not observe this species on the site, but they have been reported from this area.

Complete Location Information:

T1N R7OW SEC5 NE1/4; SEC4 NW1/4

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: CTM-27 Location: T1N R70W SEC4 SW1/4 Site Description: WETLANDS .5 MI W OF BOULDER RESERVOIR	
Overall Habitat Quality Rating: 7 7-8	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 7 Raptors: Water Birds: 7 Deer: Prairie Dogs: Herptiles: 7	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 7 SMALL COYOTE Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 6 Plant Species Diversity: 6	
Special Species: NORTHERN HARRIER	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: CTM-27	Other Evaluation Items
Pristine Quality: 7 Ecosystem Function: 6 Restoration Potential: 6 see memo Wildlife Conflicts: 1	Human Disturbance: 1 Livestock Disturbance: Current Human Use: 4
Additional Site Characteristics	
Habitat Types: CATTAIL MARSH RUSH MEADOW STATIC OPEN WATER (RESERVOIR) Important Nearby Features: RESERVOIR UPLAND GRASSLANDS Physical Features: BROAD VALLEY BOTTOM Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): N Elevation (feet): 5200 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: CTM-27

Justification for Overall Quality Rating:

Productive wetland in close proximity to open water and large expanse of grassland.

Restoration Potential:

Upland areas adjacent of wetlands are weedy. These areas could be restored to mixed grass prairie.

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: IRD-28	Location: T1N R70W SEC5 SW1/4
Site Description: COTTONWOOD IRRIGATION DITCH 1.5 MI W OF BLD RESERVOIR	
Overall Habitat Quality Rating: 7 6-7	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 7 Raptors: 7 Water Birds: Deer: Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 7 SMALL MED-SIZE Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 6 Plant Species Diversity: 5	
Special Species: GREAT HORNED OWL	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: IRD-28	Other Evaluation Items
Pristine Quality: 3 Ecosystem Function: 4 Restoration Potential: 4 Wildlife Conflicts: 1	Human Disturbance: 6 Livestock Disturbance: 6 Current Human Use: 5
Additional Site Characteristics	
Habitat Types: IRRIGATION DITCH SCATTERED COTTONWOODS AND WILLOWS Important Nearby Features: Physical Features: DITCH IS A LINEAR FEATURE ALONG HILLSIDE Red Flag (Y/N): Y see memo Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5280 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: IRD-28

Justification for Overall Quality Rating:

The scattered cottonwoods and crack willows along the irrigation ditch provide excellent habitat in an otherwise upland setting. Water in the ditch adds to wildlife productivity.

Red Flag:

The water in the ditch from early April through June is critical for reproductive success of many bird species. Great horned owls, as well as 6-8 other species are reported to nest in the trees along the ditch.

City of Boulder Wildlife Habitat Data Base Page 1 of 2																									
Site I.D.: RPF-29 Location: T1N R70W SEC16 SE1/4 Site Description: 4-MILE CREEK RIPARIAN E OF DIAGONAL .5 MI S OF JAY ROAD																									
Overall Habitat Quality Rating: 8 6-9																									
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups																									
<table style="width: 100%; border-collapse: collapse;"> <tr><td>Songbirds:</td><td style="text-align: right;">8</td></tr> <tr><td>Raptors:</td><td style="text-align: right;">7</td></tr> <tr><td>Water Birds:</td><td style="text-align: right;">4</td></tr> <tr><td>Deer:</td><td style="text-align: right;">9</td></tr> <tr><td>Prairie Dogs:</td><td></td></tr> <tr><td>Herptiles:</td><td style="text-align: right;">5</td></tr> </table>	Songbirds:	8	Raptors:	7	Water Birds:	4	Deer:	9	Prairie Dogs:		Herptiles:	5	<table style="width: 100%; border-collapse: collapse;"> <tr><td>Mountain Lion:</td><td></td></tr> <tr><td>Black Bear:</td><td></td></tr> <tr><td>Badger:</td><td></td></tr> <tr><td>Turkey:</td><td></td></tr> <tr><td>Other Mammals:</td><td>7 FOXES COYOTES</td></tr> <tr><td>Other Birds:</td><td></td></tr> </table>	Mountain Lion:		Black Bear:		Badger:		Turkey:		Other Mammals:	7 FOXES COYOTES	Other Birds:	
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Animal Species Diversity: 8 Plant Species Diversity: 7																									
Special Species: GREAT HORNED OWL																									

City of Boulder Wildlife Habitat Data Base Page 2 of 2															
Site I.D.: RPF-29	Other Evaluation Items														
<table style="width: 100%; border-collapse: collapse;"> <tr><td>Pristine Quality:</td><td style="text-align: right;">7</td></tr> <tr><td>Ecosystem Function:</td><td style="text-align: right;">8</td></tr> <tr><td>Restoration Potential:</td><td style="text-align: right;">3</td></tr> <tr><td>Wildlife Conflicts:</td><td style="text-align: right;">3</td></tr> </table>	Pristine Quality:	7	Ecosystem Function:	8	Restoration Potential:	3	Wildlife Conflicts:	3	<table style="width: 100%; border-collapse: collapse;"> <tr><td>Human Disturbance:</td><td style="text-align: right;">4</td></tr> <tr><td>Livestock Disturbance:</td><td></td></tr> <tr><td>Current Human Use:</td><td style="text-align: right;">5</td></tr> </table>	Human Disturbance:	4	Livestock Disturbance:		Current Human Use:	5
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Red Flag (Y/N): Y	Area (Acres): 0.0														
Corridor (Y/N): Y	Elevation (feet): 5280														
Literature:	Ownership:														

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-29

Justification for Overall Quality Rating:

Dense, tall trees and dense understory along drainage provide abundant habitat for songbirds and small mammals. There is, however, high human use. There are young as well as old cottonwoods. Good habitat for hole nesters and other animals that utilize tree holes.

General Comments:

Proposed critical wildlife habitat by Boulder County. High quality riparian habitat.

Bike trail through area fragments habitat and provides the means for additional human disturbance.

Red Flag:

Great Horned Owls nest in this area.

Site I.D.: RPF-30 Location: T1N R70W SEC16 SW1/4
 Site Description: 4-MILE CREEK RIPARIAN W OF DIAGONAL .5 MI S OF JAY ROAD

Overall Habitat Quality Rating: 6 4-6

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 7 HOLE NESTERS	Mountain Lion:
Raptors: 9	Black Bear:
Water Birds:	Badger:
Deer: 7	Turkey:
Prairie Dogs:	Other Mammals: 6 RED FOX DEN
Herptiles:	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 6 Plant Species Diversity: 4

Special Species:

Site I.D.: RPF-30 Other Evaluation Items

Pristine Quality: 6	Human Disturbance: 5
Ecosystem Function: 4	Livestock Disturbance:
Restoration Potential: 7 see memo	Current Human Use: 2
Wildlife Conflicts: 1	

Additional Site Characteristics

Habitat Types: RIPARIAN FOREST DRYLAND DEVELOPED PASTURE
 Important Nearby Features:
 Physical Features: STREAM BOTTOMLAND ALONG FOUR MILE CREEK

Red Flag (Y/N): Y	Area (Acres): 0.0
Corridor (Y/N): Y	Elevation (feet): 5280
Literature:	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-30

Justification for Overall Quality Rating:

The trees and understory are not well developed. Cover and areal extent are minimal. There are large trees and a continuous tree canopy. The rating would be higher if more of the vegetation was native and there was greater structural diversity. This is an important corridor for wildlife movement.

Restoration Potential:

Good potential for improving the species composition of the forest understory. There is some debris on the west end of the site that should be cleaned up.

Red Flag:

There are some very large cottonwoods on the west part of this site. Some trees are 4-5 feet in diameter. These large trees should be protected.

Site I.D.: RPF-31 Location: T1N R70W SEC28 SE1/4
 Site Description: BOULDER CREEK COTTONWOOD GROVE NORTH OF BALL BROTHERS

Overall Habitat Quality Rating: 7 7-8

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 9	Mountain Lion:
Raptors: 8	Black Bear:
Water Birds: 2	Badger:
Deer: 7	Turkey: 4 POTENTIAL
Prairie Dogs:	Other Mammals: 8 RED FOX MED-SIZE
Herptiles: 4	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 7 Plant Species Diversity: 6

Special Species:

Site I.D.: RPF-31 Other Evaluation Items

Pristine Quality: 5	Human Disturbance: 6
Ecosystem Function: 8	Livestock Disturbance: 8 IN PAST
Restoration Potential: 3 see memo	Current Human Use: 3
Wildlife Conflicts: 2	

Additional Site Characteristics

Habitat Types: RIPARIAN FOREST PERENNIAL WEED COMMUNITIES see memo
 Important Nearby Features: BOULDER CREEK CORRIDOR WEEDY PASTURE
 Physical Features: STREAM BOTTOMLAND

Red Flag (Y/N): Y Area (Acres): 0.0
 Corridor (Y/N): Y Elevation (feet): 5200
 Literature: Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-31

Justification for Overall Quality Rating:

The high rating is due to the dense, mature cottonwood and willow trees and the presence of Boulder Creek. The width of the grove, and the dense understory provides a wildlife refuge in the midst of surrounding developed areas. This area has long been called the Cottonwood Grove, but in truth, most of the trees are introduced crack willows.

Restoration Potential:

This site could be improved by reducing some of the introduced weedy species in the understory and by planting native trees and shrubs.

Red Flag:

As one of the few large dense riparian forests in the valley the entire site should be considered as a red flag because of the overall value of the site.

General Comments:

Boulder County critical wildlife habitat area 24. High quality riparian habitat.

Additional Habitat Types:

ANNUAL WEED COMMUNITIES MIXED PLAINS SHRUBLAND

City of Boulder Wildlife Habitat Data Base Page 1 of 2																									
Site I.D.: RPF-32	Location: T1N R70W SEC28 SW1/4																								
Site Description: BOULDER CREEK EAST OF FOOTHILLS PKWY NORTH OF ARAPAHOE																									
Overall Habitat Quality Rating: 6 6-7																									
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups																									
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City of Boulder Wildlife Habitat Data Base Page 2 of 2															
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Habitat Types: RIPARIAN FOREST PERENNIAL WEED COMMUNITIES															
Important Nearby Features: COTTONWOOD GROVE															
Physical Features:															
Red Flag (Y/N): N	Area (Acres): 0.0														
Corridor (Y/N): Y	Elevation (feet): 5200														
Literature:	Ownership:														

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-32

Justification for Overall Quality Rating:

The tall willow trees, adjacent grassland and pastures, and the presence of Boulder Creek are important characteristics, but the creek has been channelized and grazing has damaged the area. The site is an important corridor for wildlife movement.

Wildlife Conflict:

Prairie dogs could invade nearby lawns.

Restoration Potential:

Restore the forest understory and repair the stream channel. Plant native trees.

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: RPF-33	Location: T1N R70W SEC33 NW1/4
Site Description: BEAR CRK WILLOW GROVE BY FOOTHILLS PKWY S OF ARAPAHOE	
Overall Habitat Quality Rating: 4 3-6	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 7 Raptors: 3 Water Birds: Deer: 5 Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 2 Other Birds: 4
Species Diversity Ratings	
Animal Species Diversity: 4 Plant Species Diversity: 4	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: RPF-33	Other Evaluation Items
Pristine Quality: 3 Ecosystem Function: 6 Restoration Potential: 2 see memo Wildlife Conflicts: 6 see memo	Human Disturbance: 6 Livestock Disturbance: 6 IN PAST Current Human Use: 3
Additional Site Characteristics	
Habitat Types: RIPARIAN FOREST PERENNIAL AND ANNUAL WEED COMMUNITIES Important Nearby Features: WETLANDS COTTONWOOD GROVE BOULDER CRK Physical Features: PERENNIAL STREAM STREAM BOTTOMLAND Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5300 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-33

Justification for Overall Quality Rating:

The trees are important, however the narrow habitat, proximity to houses and the highway, and weedy understory limit the overall wildlife value.

Wildlife Conflicts:

Close proximity to highway and people precludes sensitive wildlife species. Chain link fence acts as a barrier to wildlife movement.

Restoration Potential:

Weedy understory could be controlled, and native species could be planted.

Site I.D.: DDP-34 Location: T1N R70W SEC1 SE1/4
 Site Description: DRYLAND PASTURE 1 MI WEST OF GUN BARREL HILL

Overall Habitat Quality Rating: 4 3-5

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 4	Mountain Lion:
Raptors: 4	Black Bear:
Water Birds:	Badger:
Deer:	Turkey:
Prairie Dogs:	Other Mammals: 5 SMALL
Herptiles:	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 3 Plant Species Diversity: 3

Special Species:

Site I.D.: DDP-34 Other Evaluation Items

Pristine Quality: 3	Human Disturbance: 4
Ecosystem Function: 2	Livestock Disturbance: 6
Restoration Potential: 8 see memo	Current Human Use: 2
Wildlife Conflicts: 3	

Additional Site Characteristics

Habitat Types: DRYLAND DEVELOPED PASTURE
 Important Nearby Features:
 Physical Features: UPLAND SITE WITH GENTLE TOPOGRAPHY

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5240
Literature:	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: DDP-34

Justification for Overall Quality Rating:

There are some remnants of native prairie, but there is considerable disturbance and not much habitat diversity. Limited community structure. The best attribute of this site is that it isn't weedy.

Restoration Potential:

Restoration would require control of introduced grass species followed by seeding of native perennial grasses and forbs. Planting shrub species like yucca, rabbitbrush, skunkbush sumac would improve the site for wildlife.

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: CVC-35

Justification for Overall Quality Rating:

Fields such as these provide very little habitat for wildlife. The dryland agriculture and lack of habitat diversity reduces the quality for wildlife. The site is good for horned larks and mourning doves.

Restoration Potential:

This site has high potential for restoration. The site could be planted to a mix of native perennial grasses and forbs.

Complete Location Information:

T1N R69W SEC7 NW1/4; SEC6 SW1/4

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: RPF-36	Location: T1N R70W SEC13 NE1/4
Site Description: BOULDER CREEK RIPARIAN AT JAY ROAD AND 75TH	
Overall Habitat Quality Rating: 7 6-7	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 7 Raptors: 7 Water Birds: 6 Deer: 7 Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 9 SMALL MAMMALS Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 6	Plant Species Diversity: 5
Special Species: RED FOX	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: RPF-36	Other Evaluation Items
Pristine Quality: 7 Ecosystem Function: 5 Restoration Potential: 5 see memo Wildlife Conflicts: 2	Human Disturbance: 1 Livestock Disturbance: 6 Current Human Use: 2
Additional Site Characteristics	
Habitat Types: RIPARIAN FOREST BOTTOMLAND GRASSLAND see memo Important Nearby Features: Physical Features: STREAM BOTTOMLAND Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5120 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-36

Justification for Overall Quality Rating:

Mature riparian habitat with moderate habitat diversity. The rating would be higher if there was a greater shrub component and a greater percentage of native trees. Important corridor.

Restoration Potential:

Elimination of grazing would improve overall habitat quality. Planting native shrubs in the understory would improve the quality rating.

Additional Habitat Types:

WILLOW SHRUBLAND CATTAIL MARSH

General Comments:

Proposed critical wildlife habitat by Boulder County. High quality riparian habitat.

Beaver frequently seen moving through this area.

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: DDP-37 Location: T1N R70W SEC13 SE1/4 Site Description: BOTTOMLAND PASTURE NEAR BOULDER CRK .2 MI S OF JAY ROAD	
Overall Habitat Quality Rating: 4 3-5	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 4 Raptors: 6 Water Birds: 4 Deer: Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 6 SMALL Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 4 Plant Species Diversity: 3	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: DDP-37	Other Evaluation Items
Pristine Quality: 4 Ecosystem Function: 3 Restoration Potential: 7 see memo Wildlife Conflicts: 2	Human Disturbance: 3 Livestock Disturbance: 6 Current Human Use: 2
Additional Site Characteristics	
Habitat Types: DRYLAND DEVELOPED PASTURE SEDGE MEADOW Important Nearby Features: RIPARIAN FOREST Physical Features: STREAM BOTTOMLAND Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): N Elevation (feet): 5120 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: DDP-37

Justification for Overall Quality Rating:

Moist, productive habitat of moderate size. Relatively uniform grassy habitat dominated by introduced pasture grasses. Grazing reduces overall value for wildlife.

General comments:

While this site on the floodplain of Boulder Creek, the depth to water table is great enough to consider it as a dryland pasture rather than as a wetland type. There may be small pockets of grassy wetlands within the area.

Restoration Potential:

This site could be restored to a tall grass prairie type. Removing grazing would also improve the overall quality of the site. It may also be possible to widen the riparian forest onto the northern end of this parcel.

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: WGM-38 Site Description: BOTTOMLAND MEADOW .5 MI S OF BOULDER CRK E OF 75TH	Location: T1N R70W SEC13 see memo
Overall Habitat Quality Rating: 5 5-6	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 7 Raptors: 7 Water Birds: 5 Deer: Prairie Dogs: Herptiles: 2 AMPHIBIANS	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 8 SMALL RED FOX Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 6 Plant Species Diversity: 6	
Special Species: EUSTOMA GRANDIFLORUM see memo	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: WGM-38	Other Evaluation Items
Pristine Quality: 7 Ecosystem Function: 4 Restoration Potential: 5 Wildlife Conflicts: 2	Human Disturbance: 4 Livestock Disturbance: 5 Current Human Use: 2
Additional Site Characteristics	
Habitat Types: WET GRASSY MEADOW DRYLAND DEVELOPED PASTURE see memo Important Nearby Features: Physical Features: SITE ON BOULDER CREEK FLOODPLAIN Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): N Elevation (feet): 5120 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: WGM-38

Justification for Overall Quality Rating:

Moist productive habitat with some scattered large cottonwood trees. Grazing and weediness detract from an otherwise good bottomland meadow.

General Comments:

Past grazing may have contributed to the weediness of the site. Many interesting native plant species occur. Site is close to White Rocks.

Special Species:

Tulip gentian (*Eustoma grandiflorum*) occurs on the site. Areas just downstream from this site support populations of this rare plant species.

Additional Habitat Types:

CATTAIL MARSH PERENNIAL WEED COMMUNITIES (*Cirsium arvense*)

Complete Location Information:

T1N R7OW SEC13 SE1/4; SEC24 NE1/4

Site I.D.: RSM-39 Location: T1N R69W SEC30 NE1/4
 Site Description: TELLER LAKE GRASSLAND/WETLAND NW OF ARAPAHOE AND 95TH

Overall Habitat Quality Rating: 5 5-6

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 5	Mountain Lion:
Raptors: 7	Black Bear:
Water Birds:	Badger:
Deer:	Turkey:
Prairie Dogs:	Other Mammals: 7 SMALL
Herptiles:	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 4 Plant Species Diversity: 4

Special Species:

Site I.D.: RSM-39 Other Evaluation Items

Pristine Quality: 5	Human Disturbance: 3
Ecosystem Function: 6	Livestock Disturbance:
Restoration Potential: 4 see memo	Current Human Use: 5
Wildlife Conflicts: 1	

Additional Site Characteristics

Habitat Types: RUSH MEADOW WETLAND DRYLAND DEVELOPED PASTURE
 Important Nearby Features:
 Physical Features: TOPOGRAPHICALLY LOW AREA

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5200
Literature:	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RSM-39

Justification for Overall Quality Rating:

This is a small area with limited habitat diversity. This is a good example of this type of wetland. The rush wetland is surrounded by a reclaimed grassland.

Restoration Potential:

The reclaimed grassland portion of the site currently is dominated by introduced perennial grasses. This part of the area has the potential to support native tall grass prairie.

Site I.D.: CTM-40 Location: T1N-R69W SEC30 SE1/4
 Site Description: TELLER LAKE POND NW OF ARAPAHOE AND 95TH

Overall Habitat Quality Rating: 7 6-7

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 8	Mountain Lion:
Raptors:	Black Bear:
Water Birds: 7	Badger:
Deer: 5	Turkey:
Prairie Dogs:	Other Mammals: 7 SMALL MAMMALS
Herptiles: 7 AMPHIBIANS	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 7 Plant Species Diversity: 6

Special Species:

Site I.D.: CTM-40 Other Evaluation Items

Pristine Quality: 4	Human Disturbance: 4
Ecosystem Function: 5	Livestock Disturbance:
Restoration Potential: 4	Current Human Use: 4
Wildlife Conflicts: 2	

Additional Site Characteristics

Habitat Types: CATTAIL MARSH WILLOW SHRUBLAND YOUNG COTTONWOOD FOREST
 Important Nearby Features:
 Physical Features: RESERVOIR AND ASSOCIATED SHORELINE

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5200
Literature:	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: CTM-40

Justification for Overall Quality Rating:

This area, while rather small, has a good stand of cattails with small stands of coyote willow. There is also a small stand of plains cottonwood. The diversity of habitat types increases the value of the site. The large pond adjacent to the area is also an important component of the site.

Restoration Potential:

Control of perennial weeds (*Cirsium arvense*) and restoration of tall grass prairie are both potential means for improving the site.

Page 1 of 2

Location: T1N R69W SEC30 SE1/4

TELLER LAKE PRAIRIE DOG TOWN NW OF ARAPAHOE AND 95TH

4-6

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Water Birds:

Herptiles:

Black Bear:

4 POTENTIAL

Other M

Plant Speci

Species Diversity Ratings

3.

Plant Species Diversity: 2

Special Species:

Page 2 of 2

Site I.D.:PWC-41

Other Evaluation Items

Pristine Quality: 4

Ecosystem Function: 4

Restoration Potential: 2 see memo

Wildlife Conflicts: 2

Human Disturbance:

Livestock Disturbance:

Current Human Use: 2

Additional Site Characteristics

Habitat Types: PERENNIAL WEED COMMUNITIES (Prairie Dog Town)

Important Nearby Features: RESERVOIR SHORELINE COMMUNITIES

Physical Features:RELATIVELY FLAT UPLAND AREA

Corridor (Y/N): N

Literature:

Elevation (feet): 5240

Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PWC-41

Justification for Overall Quality Rating:

The overall habitat rating is low, however the site is good for prairie dogs. The site is too small for black footed ferrets and probably also for burrowing owls. The vegetation consists primarily of weedy perennial forbs.

Restoration Potential:

With some effort, it might be possible to replace the perennial weeds with native mixed grass prairie species. The presence of the prairie dogs makes the potential for successful restoration limited.

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: IRD-42 Location: T1N R69W SEC31 NE1/4 Site Description: IRRIGATION DITCH S OF ARAPAHOE 1.5 MI W OF 95TH	
Overall Habitat Quality Rating: 5 4-5	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 5 Raptors: 6 Water Birds: Deer: 3 Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 4 SMALL Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 5 Plant Species Diversity: 4	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: IRD-42	Other Evaluation Items
Pristine Quality: 2 Ecosystem Function: 4 Restoration Potential: 4 see memo Wildlife Conflicts:	Human Disturbance: 8 Livestock Disturbance: Current Human Use: 6
Additional Site Characteristics	
Habitat Types: RIPARIAN FOREST MIXED PLAINS SHRUBLAND Important Nearby Features: Physical Features: IRRIGATION DITCH <div style="display: flex; justify-content: space-between;"> <div> Red Flag (Y/N): N Corridor (Y/N): Y Literature: </div> <div> Area (Acres): 0.0 Elevation (feet): 5280 Ownership: </div> </div>	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: IRD-42

Justification for Overall Quality Rating:

The continuous tall trees provide good cover, but the habitat is narrow and surrounded by cropland. Trees are used as roosts by raptors.

Restoration Potential:

If a wider band of habitat were developed and taken out of agriculture, the habitat value would be markedly improved.

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: IRD-43		Location: T1N R69W SEC31 S1/2
Site Description: S. BOULDER CANYON DITCH 1.5 MI SW OF ARAPAHOE AND 95TH		
Overall Habitat Quality Rating: 4 4-5		
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 5 Raptors: 5 Water Birds: Deer: 2 Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 3 SMALL Other Birds:	
Species Diversity Ratings		
Animal Species Diversity: 4		Plant Species Diversity: 4
Special Species:		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.: IRD-43		Other Evaluation Items
Pristine Quality: 1 Ecosystem Function: 3 Restoration Potential: 4 see memo Wildlife Conflicts: 1 HOMES	Human Disturbance: 7 Livestock Disturbance: Current Human Use: 5	
Additional Site Characteristics		
Habitat Types: IRRIGATION DITCH RIPARIAN FOREST CULTIVATED CROPLAND Important Nearby Features: Physical Features: IRRIGATION DITCH THROUGH CROPLAND Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y MARGINAL Elevation (feet): 5360 Literature: Ownership:		

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: IRD-43

Justification for Overall Quality Rating:

The tall scattered cottonwood trees, intermittent water and adjacent agriculture have marginal habitat value. Food availability, cover and habitat diversity are low. Limited development of trees and shrubs. A few plum thickets.

Restoration Potential:

Permanent water and a wider width of habitat would improve the overall wildlife value.

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: PLR-44 Location: T1N R70W SEC35 see memo Site Description: POND AND WETLAND N OF BASELINE .5 MI W OF 75TH	
Overall Habitat Quality Rating: 6 6-7	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 8 Raptors: Water Birds: 8 Deer: Prairie Dogs: Herptiles: 7	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 5 Plant Species Diversity: 5	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: PLR-44	Other Evaluation Items
Pristine Quality: 6 Ecosystem Function: 6 Restoration Potential: 3 see memo Wildlife Conflicts:	Human Disturbance: 3 Livestock Disturbance: Current Human Use: 2
Additional Site Characteristics	
Habitat Types: POND SCATTERED TREES BOTTOMLAND GRASSLAND WETLAND Important Nearby Features: Physical Features: POND AND ASSOCIATED SHORELINE HABITATS Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5230 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PLR-44

Justification for Overall Quality Rating:

Pond, wetland, and trees provide good quality habitat, but the area is small. Most of the trees are introduced Russian olive.

Restoration Potential:

The site could be improved with some weed control and planting of native shrubs.

Complete Location Information:

T1N R7OW SEC35 SE1/4; SEC36 SW1/4

Site I.D.: BRM-45 Location: T1N R70W SEC34 see memo
 Site Description: WETLANDS S OF ARAPAHOE 2 MI W OF 75TH (SOMBRERO MARSH)

Overall Habitat Quality Rating: 9 9-9

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 7	Mountain Lion:
Raptors:	Black Bear:
Water Birds: 8	Badger:
Deer:	Turkey:
Prairie Dogs:	Other Mammals: 7 SMALL MED-SIZE
Herptiles: 7	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 7 Plant Species Diversity: 7

Special Species: YELLOW-HEADED BLACKBIRD

Site I.D.: BRM-45 Other Evaluation Items

Pristine Quality: 7	Human Disturbance: 4
Ecosystem Function: 7	Livestock Disturbance:
Restoration Potential: 6 see memo	Current Human Use: 4
Wildlife Conflicts: 3	

Additional Site Characteristics

Habitat Types: BULRUSH MARSH MIXED GRASS PRAIRIE
 Important Nearby Features:
 Physical Features: SALT MARSH AND ADJACENT UPLAND
 Red Flag (Y/N): Y see memo Area (Acres): 0.0
 Corridor (Y/N): N Elevation (feet): 5250
 Literature: Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: BRM-45

Justification for Overall Quality Rating:

This is one of the best wetland marshes in the area. Productive wetlands and pond. Excellent habitat diversity near shoreline. The uplands adjacent to the marsh show evidence of disturbance.

Restoration Potential:

The weedy uplands could be restored to mixed grass prairie.

Red Flag:

This wetland may have provided the only open water in the Boulder Valley prior to settlement.

General Comments:

This is an excellent site for an outdoor education laboratory facility and trail system. If carefully designed this use could be compatible with existing wildlife use of the area.

Boulder County critical wildlife habitat area 37. Important for diversity and density of species.

Complete Location Information:

T1N R70W SEC35 NW1/4; SEC34 NE1/4

Site I.D.: PLR-46 Location: T1S R70W SEC35 SE1/4
 Site Description: SHORELINE HABITAT OF BASELINE RESERVOIR

Overall Habitat Quality Rating: 7 6-7

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 7	Mountain Lion:
Raptors: 4	Black Bear:
Water Birds: 8	Badger:
Deer:	Turkey:
Prairie Dogs:	Other Mammals:
Herptiles: 8 TURTLES	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 6 Plant Species Diversity: 8

Special Species:

Site I.D.: PLR-46 Other Evaluation Items

Pristine Quality: 4	Human Disturbance: 4
Ecosystem Function: 6	Livestock Disturbance:
Restoration Potential: 3	Current Human Use: 2
Wildlife Conflicts: 4	

Additional Site Characteristics

Habitat Types: SHORELINE MUDFLATS SCATTERED TREES see memo
 Important Nearby Features:
 Physical Features: AREA ADJACENT TO SHORE OF BASELINE RES.

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5320
Literature:	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PLR-46

Justification for Overall Quality Rating:

Good structural development of vegetation. Diversity of microhabitats. When the water level is low, this is a good site for shorebirds.

Additional Habitat Types:

WILLOW SHRUBLAND CATTAIL MARSH

General Comments:

Dr. William Weber (University of Colorado Museum - Herbarium) reports that this portion of the shoreline of Baseline Reservoir supports a variety of unusual aquatic plant species. The plant diversity is greater than that found around other reservoirs.

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: SCT-47		Location: T1S R70W SEC35 SE1/4
Site Description: CONSTRUCTED POND S SIDE OF BASELINE RESERVOIR		
Overall Habitat Quality Rating: 4		4-7
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 6 Raptors: 6 Water Birds: 6 Deer: Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 6 SMALL Other Birds:	
Species Diversity Ratings		
Animal Species Diversity: 5		Plant Species Diversity: 4
Special Species:		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.: SCT-47		Other Evaluation Items
Pristine Quality: 3 Ecosystem Function: 2 Restoration Potential: 6 Wildlife Conflicts: 1	Human Disturbance: 7 Livestock Disturbance: Current Human Use: 1	
Additional Site Characteristics		
Habitat Types: SCATTERED TREES OPEN WATER (Pond) DRYLAND PASTURE Important Nearby Features: Physical Features: FLAT UPLAND AREA WITH A SMALL POND Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): N Elevation (feet): 5320 Literature: Ownership:		

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: SCT-47

Justification for Overall Quality Rating:

The existing trees and small pond provide some suitable habitat, but the presence of weeds and introduced species reduces the overall quality of the site.

Site I.D.: CTM-48 Location: T1N R70W SEC11 NW1/4
 Site Description: TWIN LAKES WETLAND .5 MI SE OF 63RD & DIAGONAL HIGHWAY

Overall Habitat Quality Rating: 7 6-8

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 7	Mountain Lion:
Raptors: 6	Black Bear:
Water Birds: 6	Badger:
Deer:	Turkey:
Prairie Dogs:	Other Mammals: 7 SMALL MAMMALS
Herptiles: 6	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 7 Plant Species Diversity: 6

Special Species:

Site I.D.: CTM-48 Other Evaluation Items

Pristine Quality: 6	Human Disturbance: 6
Ecosystem Function: 5	Livestock Disturbance:
Restoration Potential: 6 see memo	Current Human Use: 5
Wildlife Conflicts: 1	

Additional Site Characteristics

Habitat Types: CATTAILMARSH SEDGE MEADOW SCATTERED TREES see memo
 Important Nearby Features: TWIN LAKES
 Physical Features: WETLAND AREAS ADJACENT TO RESERVOIRS

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5200
Literature:	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: CTM-48

Justification for Overall Quality Rating:

Good vegetation development, but limited habitat diversity and limited areal extent. Some large trees nearby. Wetland types include cattail marsh, open water and wet grassy meadows.

Restoration Potential:

The upland portion on the west end of the site is disturbed and has the potential to be restored to a tall grass prairie type.

Additional Habitat Types:

PERENNIAL WEED COMMUNITY ANNUAL WEED COMMUNITY

Site I.D.: PLR-49 Location: T1N R70W SEC11 SW1/4
 Site Description: TWIN LAKES .5 MI SE OF 63RD AND THE DIAGONAL

Overall Habitat Quality Rating: 7 7-8

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 7	Mountain Lion:
Raptors:	Black Bear:
Water Birds: 7	Badger:
Deer: 7	Turkey:
Prairie Dogs:	Other Mammals:
Herptiles: 7 TURTLES SNAKES	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 7 Plant Species Diversity: 5

Special Species:

Site I.D.: PLR-49 Other Evaluation Items

Pristine Quality: 5	Human Disturbance: 5
Ecosystem Function: 6	Livestock Disturbance:
Restoration Potential: 3	Current Human Use: 8
Wildlife Conflicts: 4	

Additional Site Characteristics

Habitat Types: PONDS SCATTERED TREES CATTAIL MARSH WILLOW SHRUBLAND
 Important Nearby Features: WETLANDS ON NORTH SIDE OF TWIN LAKES
 Physical Features: TWO RELATIVELY LARGE RESERVOIRS

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5200
Literature:	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PLR-49

Justification for Overall Quality Rating:

Relatively large expanse of open water. Scattered tall trees and a shoreline with well developed vegetation. The east lake is more disturbed than the west.

General Comments:

This site could be made into an attractive nature area.

Restoration Potential:

Restoration would require improvement of shoreline areas and weed control. Upland areas could be restored to native tall grass prairie. Trails need to be more clearly defined so that use of the area can be better controlled.

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: PWC-50		Location: T2N R70W SEC6 see memo
Site Description: MESA RESERVOIR (DRY) 2 MI W OF BOULDER RESERVOIR		
Overall Habitat Quality Rating: 5		4-6
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 6 Raptors: 6 Water Birds: Deer: 1 Prairie Dogs: Herptiles: 2	Mountain Lion: Black Bear: Badger: 5 POTENTIAL Turkey: Other Mammals: 7 SMALL Other Birds:	
Species Diversity Ratings		
Animal Species Diversity: 5		Plant Species Diversity: 5
Special Species:		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.: PWC-50		Other Evaluation Items
Pristine Quality: 3 Ecosystem Function: 3 Restoration Potential: 7 see memo Wildlife Conflicts: 7	Human Disturbance: 8 Livestock Disturbance: 7 IN PAST Current Human Use: 5	
Additional Site Characteristics		
Habitat Types: PERENNIAL WEED COMMUNITY TREE PLANTINGS SCATTERED TREES Important Nearby Features: MIXED GRASS PRAIRIE Physical Features: THE SITE IS A DRY RESERVOIR Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5224 Literature: Ownership:		

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PWC-50

Justification for Overall Quality Rating:

Existing dry reservoir provides marginal habitat. Trees along old shoreline are small. The site is also quite weedy.

Restoration Potential:

The restoration potential for this site is high. If the site had water throughout the year and a few trees and shrubs could be established, the site could become a high quality wildlife area. Even a limited amount of water would improve the overall quality.

Russian knapweed, Canada thistle and cheatgrass all need to be controlled at this site. The potential exists for the re-creation of tall grass prairie at the site.

Complete Location Information:

T2N R70W SEC6 SE1/4; SEC5 SW1/4; SEC7 NE1/4

City of Boulder Wildlife Habitat Data Base Page 1 of 2																									
Site I.D.: RPF-51	Location: T1N R70W SEC27 SW1/4																								
Site Description: SOUTH BOULDER CREEK SE OF FLATIRON INDUSTRIAL PARK																									
Overall Habitat Quality Rating: 6																									
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups																									
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Other Birds:																									
Species Diversity Ratings																									
Animal Species Diversity: 6	Plant Species Diversity: 7																								
Special Species:																									

City of Boulder Wildlife Habitat Data Base Page 2 of 2															
Site I.D.: RPF-51	Other Evaluation Items														
<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">Pristine Quality:</td><td style="width: 50%;">6</td></tr> <tr><td>Ecosystem Function:</td><td>6</td></tr> <tr><td>Restoration Potential:</td><td>8</td></tr> <tr><td>Wildlife Conflicts:</td><td>4</td></tr> </table>	Pristine Quality:	6	Ecosystem Function:	6	Restoration Potential:	8	Wildlife Conflicts:	4	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">Human Disturbance:</td><td style="width: 50%;">7</td></tr> <tr><td>Livestock Disturbance:</td><td></td></tr> <tr><td>Current Human Use:</td><td>5</td></tr> </table>	Human Disturbance:	7	Livestock Disturbance:		Current Human Use:	5
Pristine Quality:	6														
Ecosystem Function:	6														
Restoration Potential:	8														
Wildlife Conflicts:	4														
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Additional Site Characteristics															
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Habitat Types: RIPARIAN FOREST															
Important Nearby Features: BOULDER CREEK CORRIDOR															
Physical Features:															
Red Flag (Y/N): N	Area (Acres): 0.0														
Corridor (Y/N): Y	Elevation (feet): 5250														
Literature:	Ownership:														

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-51

Justification for Overall Quality Rating:

Small size limits the existing wildlife value of the site. Nice micro-sites exist, however disturbance is evident.

General Comments:

The site could be developed into an attractive, small nature area. Ponds, trees and moist meadows could be developed in the midst of encroaching development.

Site I.D.: MMS-52 Location: T1S R71W SEC12 see memo
 Site Description: SKUNK CANYON 1 MI NW OF NCAR

Overall Habitat Quality Rating: 9 9-9

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 8	Mountain Lion: 8 ACTUAL
Raptors: 5	Black Bear: 8 ACTUAL
Water Birds:	Badger:
Deer: 8	Turkey:
Prairie Dogs:	Other Mammals: 8 MED-SIZED COYOTE
Herptiles: 3	Other Birds: 3

Species Diversity Ratings

Animal Species Diversity: 8 Plant Species Diversity: 8

Special Species: LONG-TAILED WEASEL GOLDEN EAGLE

Site I.D.: MMS-52 Other Evaluation Items

Pristine Quality: 9	Human Disturbance: 3
Ecosystem Function: 9	Livestock Disturbance:
Restoration Potential: 2	Current Human Use: 8
Wildlife Conflicts: 5	

Additional Site Characteristics

Habitat Types: MIXED MOUNTAIN SHRUBLAND MOUNTAIN GRASSLAND see memo
 Important Nearby Features: VARIOUS FOOTHILLS COMMUNITIES
 Physical Features: NARROW STREAM VALLEY

Red Flag (Y/N): Y see memo Area (Acres): 0.0
 Corridor (Y/N): Y Elevation (feet): 5750-5900
 Literature: Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MMS-52

Justification for Overall Quality Rating:

Excellent habitat diversity; mostly undisturbed and excellent habitat for deer and a variety of other wildlife species.

Additional Habitat Types:

TALL GRASS PRAIRIE SKUNKBUSH SUMAC SHRUBLAND MIXED PLAINS SHRUBLAND
PONDEROSA PINE SAVANNA ROCK OUTCROPS

Red Flag:

Golden Eagle

Complete Location Information:

T1S R71W SEC12 NE1/4; T1S R70W SEC6 SW1/4

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-53

Justification for Overall Quality Rating:

Housing area with remnant grassland and shrubland. Native landscaping in places. Many horticultural species. Fencing and homes reduce the overall value for wildlife.

Additional Habitat Types:

TALL GRASS PRAIRIE

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: ROC-54		Location: T2N R71W SEC26 see memo
Site Description: LEFT HAND CANYON CLIFF-FACE 1.5 MI W OF FOOTHILLS HIWAY		
Overall Habitat Quality Rating: 9 9-10		
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 7 Raptors: 9 Water Birds: Deer: 7 Prairie Dogs: Herptiles: 8 RATTLESNAKES	Mountain Lion: 6 ACTUAL Black Bear: 6 POTENTIAL Badger: Turkey: 6 POTENTIAL Other Mammals: 9 SMALL MAMMALS Other Birds:	
Species Diversity Ratings		
Animal Species Diversity: 7		Plant Species Diversity: 7
Special Species: POTENTIAL EAGLE AND FALCON AERIE ROCK WRENS CACTUS		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.: ROC-54		Other Evaluation Items
Pristine Quality: 9 Ecosystem Function: 9 Restoration Potential: 1 Wildlife Conflicts: 6	Human Disturbance: 2 Livestock Disturbance: Current Human Use: 3	
Additional Site Characteristics		
Habitat Types: ROCK OUTCROPS PONDEROSA PINE FOREST see memo Important Nearby Features: STREAM FOOTHILLS PRAIRIE RESERVOIR Physical Features: CLIFFS AND STREAM Red Flag (Y/N): Y Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 6250 Literature: Ownership:		

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: ROC-54

Justification for Overall Quality Rating:

Unique cliff habitat, remote. Large expanse of coniferous forest.

Red Flag:

Golden eagles nest in this area. Rare cactus species along base of cliff.

General Comments:

Designated as a unique ecological feature in the Boulder Valley Comprehensive Plan, June 1990. Coyotes occur in this area.

Additional Habitat Types:

MIXED MOUNTAIN SHRUBLAND RIPARIAN FOREST

Complete Location Information:

T2N R71W SEC26 NE1/4; SEC23 SE1/4

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: RPF-55 Site Description: LEFT HAND CREEK RIPARIAN 1 MI W OF HAYSTACK MOUNTAIN	Location: T2N R70W SEC29 see memo
Overall Habitat Quality Rating: 6 5-7	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 8 Raptors: 7 Water Birds: 1 Deer: 6 Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 6 SMALL MED-SIZE Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 7 Plant Species Diversity: 6	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: RPF-55	Other Evaluation Items
Pristine Quality: 4 Ecosystem Function: 5 Restoration Potential: 5 see memo Wildlife Conflicts:	Human Disturbance: 7 Livestock Disturbance: 8 Current Human Use: 1
Additional Site Characteristics	
Habitat Types: RIPARIAN FOREST DRYLAND DEVELOPED PASTURE Important Nearby Features: STREAM POND MOIST MEADOW Physical Features: STREAM BOTTOMLAND Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 6000-6080 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-55

Justification for Overall Quality Rating:

The site has large, mature cottonwoods. The moderate quality rating was given because of the degree of degradation in the forest understory.

Restoration Potential:

Removing grazing, seeding native grasses and planting native shrubs would improve the quality of the site.

General Comments:

Boulder County critical wildlife habitat area 14. Good riparian habitat - diversity and density of species. This site should be considered for purchase.

Complete Location Information:

T1N R70W SEC29 NE1/4; SEC28 SW1/4

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: RPF-56 Site Description: LEFT HAND CREEK RIPARIAN 0.5 MI SW OF HAYSTACK MOUNTAIN	Location: T2N R70W SEC28 see memo
Overall Habitat Quality Rating: 6 6-6	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 8 Raptors: 8 Water Birds: 5 Deer: 5 Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 5 SMALL MED-SIZE Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 6 Plant Species Diversity: 6	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: RPF-56	Other Evaluation Items
Pristine Quality: 4 Ecosystem Function: 8 Restoration Potential: 4 see memo Wildlife Conflicts: 5	Human Disturbance: 7 Livestock Disturbance: 8 Current Human Use: 9
Additional Site Characteristics	
Habitat Types: RIPARIAN FOREST DRYLAND DEVELOPED PASTURE Important Nearby Features: MOIST MEADOW Physical Features: STREAM BOTTOMLAND Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5200-5280 Literature: see memo Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-56

Justification for Overall Quality Rating:

Large, mature cottonwoods but the understory has been degraded by grazing. There is good size class variation in the trees.

Restoration Potential:

Control weeds in the understory, remove grazing and plant native grasses and shrubs in the understory.

General Comments:

The site is adjacent to a golf course. Raptors frequently use the large cottonwood trees.

Literature:

There may be a report available on the Dodd property that was prepared by the Department of Geography (CU). (The Dodd Property Natural Area Study).

Complete Location Information:

T1N R70W SEC28 SE1/4; SEC27 SW1/4

Site I.D.: PLR-57 Location: T1N R70W SEC3 see memo
 Site Description: COOT LAKE NE END OF BOULDER RESERVOIR

Overall Habitat Quality Rating: 7 6-7

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 5	Mountain Lion:
Raptors: 6	Black Bear:
Water Birds: 7	Badger:
Deer: 2	Turkey:
Prairie Dogs:	Other Mammals: 5 SMALL MED-SIZE
Herptiles: 5 TURTLES SNAKES	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 6 Plant Species Diversity: 5

Special Species:

Site I.D.: PLR-57 Other Evaluation Items

Pristine Quality: 5	Human Disturbance: 7
Ecosystem Function: 5	Livestock Disturbance:
Restoration Potential: 4 see memo	Current Human Use: 7
Wildlife Conflicts:	

Additional Site Characteristics

Habitat Types: POND PERENNIAL WEED COMMUNITY SEDGE MEADOW see memo
 Important Nearby Features: GRASSLANDS NEAR BOULDER RESERVOIR
 Physical Features: LAKE WITH A SERIES OF SMALLER PONDS

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): Y ENDPOINT	Elevation (feet): 5200
Literature:	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PLR-57

Justification for Overall Quality Rating:

This is a large lake with grassy shoreline. Newly restored wetland along lake shore. Cottonwoods and willows mostly less than four feet tall. Weedy. Some native perennial species.

Restoration Potential:

Tree plantings along the shoreline would improve the quality of the site.

Complete Location Information:

T1N R70W SEC3 NE1/4; SEC34 SE1/4

Additional Habitat Types:

MIXED GRASS PRAIRIE CATTAIL MARSH

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: RPF-58 Location: T1N R70W SEC15 see memo Site Description: FOUR MILE CANYON CREEK EAST AND WEST OF N 57TH STREET		
Overall Habitat Quality Rating: 7 7-8		
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 9 Raptors: 8 Water Birds: 2 Deer: 8 Prairie Dogs: Herptiles: 2 SNAKES	Mountain Lion: Black Bear: Badger: Turkey: 2 POTENTIAL Other Mammals: 8 MEDIUM SIZED Other Birds: 9 OWLS	
Species Diversity Ratings		
Animal Species Diversity: 7 Plant Species Diversity: 6		
Special Species: GREAT HORNED OWLS SCREECH OWLS		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2									
Site I.D.: RPF-58 Other Evaluation Items											
Pristine Quality: 5 Ecosystem Function: 6 Restoration Potential: 2 see memo Wildlife Conflicts: 5	Human Disturbance: 6 Livestock Disturbance: 5 Current Human Use: 7										
Additional Site Characteristics											
Habitat Types: RIPARIAN FOREST WET GRASSY MEADOW see memo Important Nearby Features: UPLAND PRAIRIE Physical Features: STREAM BOTTOMLAND WITH PERENNIAL STREAM <table style="width: 100%;"> <tr> <td style="width: 40%;">Red Flag (Y/N): N</td> <td style="width: 40%;">Area (Acres): 0.0</td> <td style="width: 20%;"></td> </tr> <tr> <td>Corridor (Y/N): Y</td> <td>Elevation (feet): 5200</td> <td></td> </tr> <tr> <td>Literature:</td> <td>Ownership: PRIVATE</td> <td></td> </tr> </table>			Red Flag (Y/N): N	Area (Acres): 0.0		Corridor (Y/N): Y	Elevation (feet): 5200		Literature:	Ownership: PRIVATE	
Red Flag (Y/N): N	Area (Acres): 0.0										
Corridor (Y/N): Y	Elevation (feet): 5200										
Literature:	Ownership: PRIVATE										

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-58

Justification for Overall Quality Rating:

Good riparian forest with plains cottonwoods and crack willow. Understory various with grazing in some places and houses in others. The eastern end of the site has the best native habitat.

Restoration Potential:

Control weeds, plant native grasses and shrubs in the understory.

Additional Habitat Types:

DRYLAND DEVELOPED PASTURE MIXED PLAINS SHRUBLAND

General Comments:

The Pearl Street extension will cross the eastern end of this area. The highway will create a major impediment to movement of wildlife unless some provision for wildlife crossings are considered as part of the construction plans.

Complete Location Information:

T1N R70W SEC15 SW1/4; SEC22 NE1/4

Site I.D.: RPF-59 Location: T1N R70W SEC22 see memo
 Site Description: BOULDER CREEK RIPARIAN JUST WEST OF SAWHILL PONDS

Overall Habitat Quality Rating: 6 5-7

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds:	8	Mountain Lion:	
Raptors:	6	Black Bear:	
Water Birds:	5	Badger:	
Deer:	7	Turkey:	
Prairie Dogs:		Other Mammals:	6 SMALL MED-SIZE
Herptiles:	6	Other Birds:	

Species Diversity Ratings

Animal Species Diversity: 6 Plant Species Diversity: 5

Special Species:

Site I.D.: RPF-59 Other Evaluation Items

Pristine Quality:	3	Human Disturbance:	7
Ecosystem Function:	6	Livestock Disturbance:	4
Restoration Potential:	6 see memo	Current Human Use:	3
Wildlife Conflicts:	2		

Additional Site Characteristics

Habitat Types: RIPARIAN FOREST SEDGE MEADOW OPEN WATER see memo
 Important Nearby Features: UPLAND PRAIRIE VALMONT BUTTE
 Physical Features:

Red Flag (Y/N):	N	Area (Acres):	0.0
Corridor (Y/N):	Y	Elevation (feet):	5200
Literature:		Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-59

Justification for Overall Quality Rating:

Scattered trees, meadow and stream provide a rather large expanse of habitat, but the area is quite disturbed.

Restoration Potential:

Noxious weeds are present on the site and should be controlled. Site restoration would require weed control followed by seeding of native grasses and planting native shrubs.

Additional Habitat Types:

PERENNIAL WEED COMMUNITIES

General Comments:

Beaver in this area. "This is one of the most diverse riparian forest areas in the Boulder Valley"-Tina Proctor (1982). Fox dens, beaver dams, mule and white-tailed deer.

This area will become more important as a corridor when Pearl Street extension is constructed.

Complete Location Information:

T1N R70W SEC22 E1/2; SEC23 NW1/4

Site I.D.: RGM-60 Location: T1N-R70W SEC14 see memo
 Site Description: GRAVEL PONDS NORTHWEST OF SAWHILL PONDS

Overall Habitat Quality Rating: 7 7-8

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 6	Mountain Lion:
Raptors: 7	Black Bear:
Water Birds: 8	Badger:
Deer: 6	Turkey:
Prairie Dogs:	Other Mammals: 6 SMALL MED-SIZE
Herptiles: 6 TURTLES	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 7 Plant Species Diversity: 6

Special Species: OSPREY OWLS

Site I.D.: RGM-60 Other Evaluation Items

Pristine Quality: 2	Human Disturbance: 8
Ecosystem Function: 5	Livestock Disturbance:
Restoration Potential: 8 see memo	Current Human Use: 5
Wildlife Conflicts:	

Additional Site Characteristics

Habitat Types: RECLAIMED GRAVEL MINE PONDS see memo
 Important Nearby Features: BOULDER CREEK CORRIDOR
 Physical Features: ABANDONED GRAVEL PITS AND BOULDER CREEK

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): Y	Elevation (feet): 5150
Literature:	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RGM-60

Justification for Overall Quality Rating:

Ponds provide attractive waterbird habitat, but there are only a few trees and the site is quite weedy. Nice stretch of stream, parts of which have not been channelized.

Restoration Potential:

Restoration of the site would best involve weed control, reshaping of mine "high walls", reseeding and reintroduction of riparian communities. Thinning of some of the young cottonwoods would improve the tree stands.

Complete location information:

T1N R70W SEC14 SE1/4; SEC23 NW1/4

Additional Habitat Types:

CATTAIL MARSH RIPARIAN FOREST SEDGE MEADOW PERENNIAL WEED COMMUNITY
WILLOW SHRUBLAND MIXED PLAINS SHRUBLAND

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: RGM-61 Location: T1N R7OW SEC23 see memo Site Description: SAWHILL PONDS .5 MI N OF VALMONT RESERVOIR		
Overall Habitat Quality Rating: 8 7-9		
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 9 Raptors: 8 Water Birds: 9 Deer: 7 Prairie Dogs: Herptiles: 9 TURTLES SNAKES	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 8 SMALL MED-SIZE Other Birds:	
Species Diversity Ratings		
Animal Species Diversity: 9 Plant Species Diversity: 6		
Special Species: LEAST BITTERN OSPREY WOOD DUCK WHITE-TAILED DEER OWLS		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.: RGM-61 Other Evaluation Items		
Pristine Quality: 1 Ecosystem Function: 5 Restoration Potential: 8 Wildlife Conflicts: 7	Human Disturbance: 7 Livestock Disturbance: Current Human Use: 6	
Additional Site Characteristics		
Habitat Types: RIPARIAN FOREST CATTAIL MARSH see memo Important Nearby Features: SAWHILL PONDS Physical Features: NATURALLY RECLAIMED GRAVEL PIT SITES Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5150 Literature: Y Ownership:		

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RGM-61

Justification for Overall Quality Rating:

While this is a highly disturbed area, it offers a diverse riparian habitat. Abundant open water and riparian vegetation.

Restoration Potential:

Restoration of some areas would greatly improve the site. Pond margins could be reshaped to more closely resemble natural ponds. Weed control and planting of native grasses and shrubs would improve the site.

Additional Habitat Types:

PERENNIAL WEED COMMUNITIES ANNUAL WEED COMMUNITIES

General Comments:

Boulder County Critical Wildlife Habitat Area 25. Nesting Least Bittern (rare breeding species locally)

Literature:

1946 Thesis by R. Beidleman.

Complete Location Information:

T1N R7OW SEC23 NE1/4; SEC24 NW1/4

Site I.D.: RPF-62

Location: T1N R69W SEC18 NW1/4

Site Description: BOULDER CRK RIPARIAN AND PASTURE .5 MI E OF 75TH

Overall Habitat Quality Rating: 8 7-9

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 9
 Raptors: 9
 Water Birds: 7
 Deer: 7
 Prairie Dogs: 2
 Herptiles: 6

Mountain Lion:
 Black Bear:
 Badger: 2 POTENTIAL
 Turkey:
 Other Mammals: 7 SMALL MED-SIZE
 Other Birds: 8

Species Diversity Ratings

Animal Species Diversity: 9

Plant Species Diversity: 8

Special Species: EUSTOMA GRANDIFLORUM WOOD DUCK BARN OWL LONG-EARED OWL

Site I.D.: RPF-62

Other Evaluation Items

Pristine Quality: 7
 Ecosystem Function: 5
 Restoration Potential: 6
 Wildlife Conflicts: 2 BEAVER

Human Disturbance: 4 RANCH
 Livestock Disturbance: 7 GRAZING
 Current Human Use: 2

Additional Site Characteristics

Habitat Types: RIPARIAN FOREST MIXED PLAINS SHRUBLAND STREAM see memo
 Important Nearby Features: WHITE ROCKS
 Physical Features: SANDSTONE OUTCROPS STREAM AND FLOODPLAIN

Red Flag (Y/N): Y see memo
 Corridor (Y/N): Y
 Literature:

Area (Acres): 0.0
 Elevation (feet): 5200
 Ownership: PRIVATE WEISER

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-62

Justification for Overall Quality Rating:

The site has high habitat diversity, but has been degraded by grazing. Riparian forest and adjacent grazed pastures.

Restoration Potential:

The site could be improved by eliminating grazing and with some weed control. Also, limited planting of cottonwoods, willows and other shrubs could be beneficial.

Additional Habitat Types:

BOTTOMLAND GRASSLAND POND CATTAIL MARSH SEDGE MEADOW
WET GRASSY MEADOW

Red Flag:

Eustoma grandiflorum is a rare and potentially endangered species in the Boulder Valley. Most of the suitable habitat for this species has been destroyed by development or by agricultural activities.

General Comments:

Boulder County critical wildlife habitat area 26 - White Rocks Natural Area.
High raptor diversity. Status of special interest bird species:

Swainson's Hawk - Declining

Wood Duck - Isolated and restricted breeding population

Barn Owl - Rare

Long-eared Owl - Rare and Declining

Site I.D.: RPF-63

Location: T1N R69W SEC18 see memo

Site Description: WHITE ROCKS ON BOULDER CREEK 1 MI W OF 95TH

Overall Habitat Quality Rating: 10

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 10
Raptors: 9
Water Birds: 9
Deer: 7 ALL YEAR
Prairie Dogs: 6
Herptiles: 8

Mountain Lion:
Black Bear:
Badger: 5 POTENTIAL
Turkey:
Other Mammals: 9 SMALL MED-SIZE
Other Birds:

Species Diversity Ratings

Animal Species Diversity: 10

Plant Species Diversity: 10

Special Species: BARN OWL ASPLENIUM ADIANTUM-NIGRUM WHITE-TAILED DEER

Site I.D.: RPF-63

Other Evaluation Items

Pristine Quality: 8
Ecosystem Function: 9
Restoration Potential: 2 see memo
Wildlife Conflicts:

Human Disturbance: 2
Livestock Disturbance: 5 PAST
Current Human Use: 3

Additional Site Characteristics

Habitat Types: RIPARIAN FOREST MIXED PLAINS SHRUBLAND see memo
Important Nearby Features: RECLAIMED GRAVEL PONDS
Physical Features: SANDSTONE BLUFFS AND LEDGES

Red Flag (Y/N): Y see memo Area (Acres): 0.0
Corridor (Y/N): Y Elevation (feet): 5150
Literature: Y see memo Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-63

Justification for Overall Quality Rating:

This is one of the best natural sites in the Boulder Valley. There are a variety of habitat types and a diversity of landforms. The site also has rare plant and animal species.

Complete Location Information:

T1N R69W SEC18 SE1/4; SEC17 SW1/4

Special Species:

There are several rare plant and animal species including:

Animals: Barn Owl, White-tailed Deer (see comments for RPF-62)

Plant: *Asplenium andrewsii*, *Apios americana*,
Aristida basiramea

Physical Features:

The weathering of the Laramie Formation sandstone has produced an unusual rounded hexagonal surface pattern known as turtlebacks. This pattern occurs elsewhere in sandstone outcrops but it is unique in the Boulder Valley.

Restoration Potential:

The site needs some weed control for cheatgrass and musk thistle (*Carduus nutans*). This is especially true on the upland areas just east of the main White Rocks escarpment.

Additional Habitat Types:

BOTTOMLAND GRASSLAND CATTAIL MARSH SEDGE MEADOW WET GRASSY MEADOW MIXED GRASS PRAIRIE

Red Flag:

See comments for special plant species.

Literature:

MacPhail, D. D. 1970. White Rocks Natural Area Study. Dept. of Geography, University of Colorado, Boulder. 51 pp.

Listed as a unique ecological feature in Boulder Valley Comprehensive Plan, June 1990.

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: RPF-64		Location: T1N R69W SEC16 SW1/4
Site Description: BOULDER CREEK HERONRY .5 MI E OF 95TH		
Overall Habitat Quality Rating: 8		8-8
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 7 Raptors: 6 Water Birds: 9 REPRO Deer: 6 Prairie Dogs: Herptiles:		Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: RED FOX Other Birds: 7 HERONRY
Species Diversity Ratings		
Animal Species Diversity: 7		Plant Species Diversity: 5
Special Species: GREAT BLUE HERONS GREAT EGRETS BLACK-CROWNED NIGHT-HERONS		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.: RPF-64		Other Evaluation Items
Pristine Quality: 6 Ecosystem Function: 7 Restoration Potential: 4 Wildlife Conflicts: 3		Human Disturbance: 5 Livestock Disturbance: 6 Current Human Use: 2
Additional Site Characteristics		
Habitat Types: RIPARIAN FOREST BOTTOMLAND MEADOW Important Nearby Features: WET MEADOWS Physical Features: COTTONWOOD STAND ALONG BOULDER CREEK Red Flag (Y/N): Y see memo Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5120 Literature: Y see memo Ownership:		

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-64

Justification for Overall Quality Rating:

The heronry is unique in the Boulder Valley. The understory of the cottonwood forest has been degraded by grazing. Boulder Creek has been channelized in this area.

Red Flag:

Heron nesting is vulnerable to human disturbance from mid-March through mid-August.

Special Species:

Only nesting site in Colorado for Great Egrets. Black-crowned Night Herons are restricted in distribution.

General Comments:

Boulder County critical wildlife habitat area 27. Restricted State Natural Area.

Restoration:

Some restoration of riparian forest vegetation undertaken by Water Department in 1990.

Literature:

Various reports submitted to Flatiron Companies.

Site I.D.: RPF-65 Location: T1N R70W SEC22 see memo
Site Description: BOULDER CREEK RIPARIAN AT VALMONT BUTTE

Overall Habitat Quality Rating: 5 5-6

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 5	Mountain Lion:
Raptors: 8	Black Bear:
Water Birds: 6	Badger:
Deer: 6	Turkey:
Prairie Dogs:	Other Mammals: 6 MED-SIZE
Herptiles: 3	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 4 Plant Species Diversity: 6

Special Species:

Site I.D.: RPF-65 Other Evaluation Items

Pristine Quality: 4	Human Disturbance: 8
Ecosystem Function: 6	Livestock Disturbance: 5
Restoration Potential: 6 see memo	Current Human Use: 2
Wildlife Conflicts: 5	

Additional Site Characteristics

Habitat Types: RIPARIAN FOREST BOTTOMLAND GRASSLAND see memo
Important Nearby Features: WET MEADOWS
Physical Features: BOTTOMLAND AREA ALONG BOULDER CREEK

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): Y	Elevation (feet): 5150
Literature: Y	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-65

Justification for Overall Quality Rating:

Disturbed riparian forest with some old pastureland. Scattered trees, grasses and stream channel, but the area is highly disturbed and quite weedy.

Restoration Potential:

Restore tall grass prairie on non-forested areas. It may be possible to increase the wetland areas.

Additional Habitat Types:

WET GRASSY MEADOW SEDGE MEADOW POND CATTAIL MARSH

Literature:

Valmont Butte is listed as a unique geological feature in the Boulder Valley Comprehensive Plan, June 1990.

Complete Location Information:

T1N R70W SEC22 SW1/4; SEC27 NW1/4

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: DFF-66 Location: T1S R71W SEC13 NE1/4 Site Description: UPPER FERN CANYON-FERN CANYON TRAIL AREA	
Overall Habitat Quality Rating: NOT RATED	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 6 Raptors: 7 Water Birds: 4 Deer: 4 Prairie Dogs: Herptiles:	Mountain Lion: 7 Black Bear: 7 Badger: Turkey: Other Mammals: COYOTE Other Birds:
Species Diversity Ratings	
Animal Species Diversity: Plant Species Diversity:	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: DFF-66	Other Evaluation Items
Pristine Quality: 7 Ecosystem Function: 7 Restoration Potential: 3 Wildlife Conflicts: 3	Human Disturbance: 5 Livestock Disturbance: Current Human Use: 7
Additional Site Characteristics	
<div style="border: 1px solid black; padding: 10px; min-height: 150px;"> Habitat Types: Important Nearby Features: Physical Features: Red Flag (Y/N): Area (Acres): 0.0 Corridor (Y/N): Elevation (feet): 6800-7280 Literature: Ownership: </div>	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: DFF-66

This site was not evaluated. Habitat ratings for this area were provided by Boulder Mountain Parks personnel.

Site I.D.: PPF-67 Location: T1S R71W SEC24 see memo
 Site Description: ELDORADO CANYON TRAIL

Overall Habitat Quality Rating: NOT RATED

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds:	7	Mountain Lion:	7
Raptors:	6	Black Bear:	7
Water Birds:		Badger:	
Deer:	5	Turkey:	5
Prairie Dogs:		Other Mammals:	
Herptiles:	3	Other Birds:	

Species Diversity Ratings

Animal Species Diversity: Plant Species Diversity:

Special Species:

Site I.D.: PPF-67 Other Evaluation Items

Pristine Quality:	7	Human Disturbance:	3
Ecosystem Function:	6	Livestock Disturbance:	
Restoration Potential:		Current Human Use:	4
Wildlife Conflicts:	5		

Additional Site Characteristics

Habitat Types:
 Important Nearby Features:
 Physical Features:

Red Flag (Y/N): Area (Acres): 0.0
 Corridor (Y/N): Elevation (feet): 6800-7280
 Literature: Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PPF-67

This site was not evaluated. Ratings for this area were provided by Boulder Mountain Parks personnel.

Complete Location Information:

T1S R71W SEC24 SW1/4; SEC23; PORTIONS OF NON-SURVEYED SEC25

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: RPF-68 Location: T1N R71W SEC12 see memo Site Description: FOURMILE CREEK WEST OF BROADWAY TO GAP IN HOGBACK	
Overall Habitat Quality Rating: 6 5-6	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 5 Raptors: 4 Water Birds: Deer: 7 ALL YEAR Prairie Dogs: Herptiles:	Mountain Lion: 5 Black Bear: Badger: Turkey: Other Mammals: 3 COYOTE Other Birds: 2
Species Diversity Ratings	
Animal Species Diversity: 4 Plant Species Diversity: 4	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: RPF-68	Other Evaluation Items
Pristine Quality: 4 Ecosystem Function: 3 Restoration Potential: 5 see memo Wildlife Conflicts: 8	Human Disturbance: 9 Livestock Disturbance: 7 HISTORIC Current Human Use: 6
Additional Site Characteristics	
Habitat Types: RIPARIAN FOREST DRYLAND DEVELOPED PASTURE Important Nearby Features: FOOTHILLS GRASSLANDS Physical Features: STREAM CHANNEL AND ADJACENT AREAS Red Flag (Y/N): Y see memo Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5520-5680 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-68

Justification for Overall Quality Rating:

Important deer wintering habitat, but of limited value to other species.
Some scattered trees.

Mule Deer:

This is a very important mule deer wintering area.

Restoration Potential:

The site could be improved with weed control, channel reconstruction and seeding with native species. Reconstruction would be difficult on east end of site but somewhat less difficult on west end.

Red Flag:

Deer - Car collisions on Lee Hill road are a significant hazard.

Complete Location Information:

T1N R71W SEC12 SE1/4; SEC13 NE1/4

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: RPF-69 Site Description: FOURMILE RIPARIAN JUST E OF BROADWAY	Location: T1N R70W SEC18 NW1/4
Overall Habitat Quality Rating: 3 2-4	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 4 Raptors: 1 Water Birds: 4 Deer: 4 Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals:3 Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 2 Plant Species Diversity: 3	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.:RPF-69	Other Evaluation Items
Pristine Quality: 1 Ecosystem Function: 4 Restoration Potential: 7 Wildlife Conflicts: 5	Human Disturbance: 9 Livestock Disturbance:3 Current Human Use: 5
Additional Site Characteristics	
Habitat Types: RIPARIAN FOREST MIXED GRASS PRAIRIE Important Nearby Features: Physical Features:INTERMITTENT STREAM Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5350 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-69

Justification for Overall Quality Rating:

Highly disturbed. Young cottonwoods provide about only habitat, apart from the surrounding annual weeds. The stream has been channelized.

Restoration Potential:

With selective cutting, weed control and re-introduction of native riparian species, this site could be greatly improved.

General Comments:

This area is an important movement corridor. Deer and other species funnel from Dakota Ridge into the Violet/19th Street area.

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: RPF-70		Location: T1N R7OW SEC17 SW1/4
Site Description: FOURMILE RIPARIAN JUST W OF 28TH - ELKS CLUB AREA		
Overall Habitat Quality Rating: 3		3-3
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 5 Raptors: 3 Water Birds: Deer: 3 Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 3 Other Birds: 2	
Species Diversity Ratings		
Animal Species Diversity: 2		Plant Species Diversity: 2
Special Species:		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.: RPF-70		Other Evaluation Items
Pristine Quality: 1 Ecosystem Function: 3 Restoration Potential: 3 Wildlife Conflicts: 6	Human Disturbance: 9 Livestock Disturbance: Current Human Use: 7	
Additional Site Characteristics		
Habitat Types: RIPARIAN FOREST Important Nearby Features: Physical Features: SHORT DISTURBED SECTION OF CREEK Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5350 Literature: Ownership:		

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-70

Justification for Overall Quality Rating:

Tall trees along small drainage provide about the only habitat. Essentially no understory. High human use.

Restoration Potential:

Native trees and shrubs could be planted. The stream channel could also be restored.

Page 1 of 2

Site I.D.: RPF-71 Location: T1N R70W SEC17 SW1/4
Site Description: DISTURBED RIPARIAN ALONG FOURMILE CREEK E OF 28TH

Overall Habitat Quality Rating: 3 2-5

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds:	5	Mountain Lion:
Raptors:	3	Black Bear:
Water Birds:		Badger:
Deer:	4	Turkey:
Prairie Dogs:		Other Mammals: 4
Herptiles:		Other Birds: 4

Species Diversity Ratings

Animal Species Diversity: 3 Plant Species Diversity: 3

Special Species:

Page 2 of 2

Site I.D.:RPF-71 Other Evaluation Items

Pristine Quality:	2	Human Disturbance:	8
Ecosystem Function:	4	Livestock Disturbance:	
Restoration Potential:	6 see memo	Current Human Use:	6
Wildlife Conflicts:	4		

Additional Site Characteristics

Habitat Types: RIPARIAN FOREST PERENNIAL AND ANNUAL WEED COMMUNITIES
Important Nearby Features:
Physical Features: STREAM BOTOMLAND

Red Flag (Y/N): N Area (Acres): 0.0
Corridor (Y/N): Y Elevation (feet): 5350
Literature: Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-71

Justification for Overall Quality Rating:

Some large cottonwood and willow trees. Site is quite weedy.

Restoration Potential:

Remove drop structures and redesign the floodway using bioengineering techniques. Plant native shrubs and establish herbaceous understory. Weed control is also needed.

This area was included as part of an urban drainage restoration project in 1991. The overall quality of the site is better than the original assessments made in 1990.

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: BLG-72 Site Description: FOURMILE CREEK E OF 30TH ST.	Location: T1N R70W SEC17 SE1/4
Overall Habitat Quality Rating: 2 2-2	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 2 Raptors: 1 Water Birds: 2 Deer: 2 Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 2 Plant Species Diversity: 2	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: BLG-72	Other Evaluation Items
Pristine Quality: 1 Ecosystem Function: 2 Restoration Potential: 7 see memo Wildlife Conflicts: 4	Human Disturbance: 9 Livestock Disturbance: Current Human Use: 6
Additional Site Characteristics	
Habitat Types: BOTTOMLAND GRASSLAND ANNUAL AND PERENNIAL WEEDS see memo Important Nearby Features: Physical Features: STREAM CHANNEL Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5300 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: BLG-72

Justification for Overall Quality Rating:

Weedy channelized, essentially treeless stream area. Some small pools and a few remnant species.

Restoration Potential:

Bioengineered drop structures in conjunction with weed control and establishment of native trees, shrubs and herbaceous understory would be necessary to restore the site.

Additional Habitat Types:

CATTAIL MARSH STREAM PONDS

Site I.D.: BLG-73

Location: T1N R70W SEC18 SE1/4

Site Description: WONDERLAND CREEK BETWEEN 19TH AND 26TH

Overall Habitat Quality Rating: 2 1-3

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds:	2	Mountain Lion:	
Raptors:		Black Bear:	
Water Birds:	1	Badger:	
Deer:	3	Turkey:	
Prairie Dogs:		Other Mammals:	4
Herptiles:	1	Other Birds:	2

Species Diversity Ratings

Animal Species Diversity: 1

Plant Species Diversity: 2

Special Species:

Site I.D.:BLG-73

Other Evaluation Items

Pristine Quality:	1	Human Disturbance:	8
Ecosystem Function:	3	Livestock Disturbance:	3
Restoration Potential:	4 see memo	Current Human Use:	7
Wildlife Conflicts:	4		

Additional Site Characteristics

Habitat Types: BOTTOMLAND GRASSLAND PERENNIAL WEED COMMUNITY see memo
Important Nearby Features:
Physical Features:ENCLOSED STREAM

Red Flag (Y/N): N
Corridor (Y/N): Y
Literature:

Area (Acres): 0.0
Elevation (feet): 5350
Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: BLG-73

Justification for Overall Quality Rating:

Narrow, disturbed drainage with residences along each side. Few native trees and shrubs.

Restoration Potential:

Would be useful as a teaching/learning resource. Break stream out of pipe, restore channel and allow it to flow through the school grounds. Restore wet grassy meadows or lowland prairie with shrublands and scattered trees. Need to control noxious weeds.

Additional Habitat Types:

WET GRASSY MEADOW

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: MSD-74	Location: T1N R70W SEC18 SW1/4
Site Description: WONDERLAND CREEK BETWEEN BROADWAY AND 19TH	
Overall Habitat Quality Rating: 2 1-3	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 3 Raptors: Water Birds: 1 Deer: 4 Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 5 MEDIUM SIZED Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 2 Plant Species Diversity: 2	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: MSD-74	Other Evaluation Items
Pristine Quality: 1 Ecosystem Function: 4 Restoration Potential: 5 see memo Wildlife Conflicts: 5	Human Disturbance: 7 Livestock Disturbance: 6 Current Human Use: 8
Additional Site Characteristics	
Habitat Types: SCATTERED TREES STREAM see memo Important Nearby Features: WONDERLAND LAKE Physical Features: STREAM BOTTOMLAND Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5350 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MSD-74

Justification for Overall Quality Rating:

Narrow disturbed drainage with residences along each side. Small stream with scattered trees.

Restoration Potential:

Weed control. Planting native shrubs and herbaceous species would improve the site. The proximity of houses reduces the potential for this site to provide high quality wildlife habitat. The stream channel could also be modified to provide a more natural setting.

Additional Habitat Types:

DRYLAND DEVELOPED PASTURE PERENNIAL WEED COMMUNITIES

Site I.D.: RPF-75

Location: T1N R70W SEC20 NW1/4

Site Description: WONDERLAND CREEK SOUTH OF KALMIA AND N OF IRIS

Overall Habitat Quality Rating: 4

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds:	4	Mountain Lion:	
Raptors:	4	Black Bear:	
Water Birds:	2	Badger:	
Deer:	2	Turkey:	
Prairie Dogs:	3	Other Mammals:	6 MEDIUM SIZED
Herptiles:	1	Other Birds:	

Species Diversity Ratings

Animal Species Diversity: 4

Plant Species Diversity: 4

Special Species:

Site I.D.: RPF-75

Other Evaluation Items

Pristine Quality:	2	Human Disturbance:	9
Ecosystem Function:	5	Livestock Disturbance:	
Restoration Potential:	9 see memo	Current Human Use:	5
Wildlife Conflicts:	5		

Additional Site Characteristics

Habitat Types: RIPARIAN FOREST CATTAIL MARSH BULRUSH MARSH see memo

Important Nearby Features:

Physical Features: STREAM BOTTOMLAND WITH CONCRETE DROPS

Red Flag (Y/N): N

Area (Acres): 0.0

Corridor (Y/N): Y

Elevation (feet): 5300

Literature:

Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-75

Justification for Overall Quality Rating:

Channelized stream with nice wetland containing bulrushes, sedges and cattails. Many small native and introduced trees. Used by medium sized mammals.

Restoration Potential:

Careful widening of channel to allow for adequate flood flow could enhance the size of existing wetlands. Potential for planting native riparian tree species and native shrubs. Potential also exists for establishing native tall grass prairie.

Additional Habitat Types:

SEDGE MEADOW PERENNIAL WEED COMMUNITY ANNUAL WEED COMMUNITY

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: SCT-76 Location: T1N R70W SEC20 SE1/4 Site Description: HEUSTON PARK, WONDERLAND CREEK AND IRRIGATION DITCH	
Overall Habitat Quality Rating: 4 3-5	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 4 Raptors: Water Birds: 1 Deer: Prairie Dogs: Herptiles: 1	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 4 MEDIUM SIZED Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 3 Plant Species Diversity: 4	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: SCT-76	Other Evaluation Items
Pristine Quality: 3 Ecosystem Function: 4 Restoration Potential: 5 see memo Wildlife Conflicts: 3	Human Disturbance: 7 Livestock Disturbance: Current Human Use: 6
Additional Site Characteristics	
Habitat Types: SCATTERED TREES CATTAIL MARSH RIPARIAN FOREST see memo Important Nearby Features: UPPER WONDERLAND CREEK Physical Features: STREAM BOTTOMLAND Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5300 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: SCT-76

Justification for Overall Quality Rating:

The park has many trees; the ditch has water and numerous scattered trees. Human use is high and the riparian habitat along the ditch is narrow.

Restoration Potential:

Establish wild plum and chokecherry thickets along edges of corridor to improve wildlife habitat. Weed control is also needed.

Additional Habitat Types:

PERENNIAL WEED COMMUNITIES

Site I.D.: WGM-77 Location: T1N R70W SEC28 see memo
 Site Description: WONDERLAND CREEK BETWEEN FOOTHILLS PKWY AND VALMONT

Overall Habitat Quality Rating: 2 2-3

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 4	Mountain Lion:
Raptors: 2	Black Bear:
Water Birds: 2	Badger:
Deer:	Turkey:
Prairie Dogs:	Other Mammals: 3 MEDIUM SIZED
Herptiles: 1	Other Birds: 1

Species Diversity Ratings

Animal Species Diversity: 4 Plant Species Diversity: 3

Special Species:

Site I.D.: WGM-77 Other Evaluation Items

Pristine Quality: 1	Human Disturbance: 6
Ecosystem Function: 4	Livestock Disturbance: 6
Restoration Potential: 7 see memo	Current Human Use: 4
Wildlife Conflicts: 3	

Additional Site Characteristics

Habitat Types: WET GRASSY MEADOW POND ANNUAL AND PERENNIAL WEEDS
 Important Nearby Features:
 Physical Features:

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): Y	Elevation (feet): 5400
Literature:	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: WGM-77

Justification for Overall Quality Rating:

A very disturbed, weedy area with development in close proximity. Some native herbaceous species and a mixture of native and introduced trees.

Restoration Potential:

Control weeds and establish more diverse shrub communities. Potential exists for the creation of small sedge/rush wetlands in association with the small pond on the site.

Additional Habitat Types:

SEDGE MEADOW RIPARIAN FOREST CATTAIL MARSH POND

Complete Location Information:

T1N R70W SEC28 NW1/4; SEC21 SW1/4

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: SCT-78		Location: T1N R70W SEC28 NE1/4
Site Description: WONDERLAND CREEK BETWEEN OLD PEARL ST AND PEARL PARKWAY		
Overall Habitat Quality Rating: 2		1-3
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 3 Raptors: 1 Water Birds: Deer: Prairie Dogs: 3 Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 1 SMALL MAMMALS Other Birds:	
Species Diversity Ratings		
Animal Species Diversity: 2		Plant Species Diversity: 2
Special Species:		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.: SCT-78		Other Evaluation Items
Pristine Quality: 1 Ecosystem Function: 1 Restoration Potential: 9 Wildlife Conflicts: 3	Human Disturbance: 9 Livestock Disturbance: Current Human Use: 2	
Additional Site Characteristics		
Habitat Types: SCATTERED TREES WETLAND Important Nearby Features: COTTONWOOD RIPARIAN FOREST Physical Features: <div style="display: flex; justify-content: space-between;"> <div> Red Flag (Y/N): N Corridor (Y/N): Y Literature: </div> <div> Area (Acres): 0.0 Elevation (feet): 5400 Ownership: </div> </div>		

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: SCT-78

Justification for Overall Quality Rating:

Mowed grassed waterway with concrete lined channel. Very little cover for wildlife.

Restoration Potential:

Remove concrete trickle channel. Stabilize channel using bioengineering techniques and introduce wetland and tallgrass prairie species.

Site I.D.: RPF-79

Location: T1N R70W SEC30 NE1/4

Site Description: GOOSE CREEK AT VALMONT AND FOLSOM

Overall Habitat Quality Rating: 2 1-3

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 3
 Raptors: 2
 Water Birds:
 Deer: 6
 Prairie Dogs:
 Herptiles:

Mountain Lion:
 Black Bear:
 Badger:
 Turkey:
 Other Mammals: 4 MEDIUM SIZED
 Other Birds:

Species Diversity Ratings

Animal Species Diversity: 2

Plant Species Diversity: 2

Special Species:

Site I.D.: RPF-79

Other Evaluation Items

Pristine Quality: 2
 Ecosystem Function: 2
 Restoration Potential: 9 see memo
 Wildlife Conflicts: 5

Human Disturbance: 9
 Livestock Disturbance:
 Current Human Use:

Additional Site Characteristics

Habitat Types: RIPARIAN FOREST PERENNIAL WEED COMMUNITY
 Important Nearby Features: BLUFF
 Physical Features: STREAM CHANNEL

Red Flag (Y/N): N
 Corridor (Y/N): Y
 Literature:

Area (Acres): 0.0
 Elevation (feet): 5400
 Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-79

Justification for Overall Quality Rating:

Channelized riparian area with many introduced species. Upland areas with weedy species. A few scattered trees.

Restoration Potential:

Weed control and wetland improvement. Plant trees in riparian habitat. Create native herbaceous species understory. Use bioengineering techniques to improve channel.

General Comments:

Deer road kill data suggests that this is an important deer movement corridor.

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: MSD-80	Location: T1N R70W SEC33 SW1/4
Site Description: BEAR CREEK FROM FOOTHILLS PKWY TO BASELINE	
Overall Habitat Quality Rating: 3 2-4	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 4 Raptors: 1 Water Birds: 1 Deer: 1 Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 3 MEDIUM SIZED Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 3 Plant Species Diversity: 3	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: MSD-80	Other Evaluation Items
Pristine Quality: 1 Ecosystem Function: 3 Restoration Potential: 9 Wildlife Conflicts: 2	Human Disturbance: 9 Livestock Disturbance: Current Human Use: 4
Additional Site Characteristics	
Habitat Types: RIPARIAN FOREST BOTTOMLAND GRASSLAND Important Nearby Features: Physical Features: STREAM BOTTOMLAND Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5400 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MSD-80

Justification for Overall Quality Rating:

Narrow channelized, entrenched stream through a dense residential neighborhood. Some regeneration of trees along lower portion. Upper portion has grouted rip-rap.

Restoration Potential:

Important area for children to wander and explore. Could plant native trees, shrubs and grasses to improve shade and cover. This could possibly be a neighborhood project. Widen buffer in lower areas by decreasing mowing.

General Comments:

Beaver occur in this area.

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: MSD-81	Location: T1S R70W SEC5 NE1/4
Site Description: BEAR CREEK FROM BASELINE TO HIWAY 36	
Overall Habitat Quality Rating: 5 3-7	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 6 Raptors: 5 Water Birds: 2 Deer: 3 Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 8 MEDIUM SIZED Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 3 Plant Species Diversity: 4	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: MSD-81	Other Evaluation Items
Pristine Quality: 2 Ecosystem Function: 7 Restoration Potential: 2 see memo Wildlife Conflicts: 1	Human Disturbance: 6 Livestock Disturbance: Current Human Use: 5
Additional Site Characteristics	
Habitat Types: RIPARIAN FOREST MIXED PLAINS SHRUBLAND Important Nearby Features: TREE PLANTINGS Physical Features: STREAM BOTTOMLAND Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5600 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MSD-81

Justification for Overall Quality Rating:

Nice stream channel; numerous medium-sized trees and good understory.
Narrow riparian zone in close proximity to residences.

Restoration Potential:

Widen riparian corridor by planting shrub thickets (American plum, chokecherry, skunkbush sumac, golden currant).

General Comments:

This is a good example of how other riparian areas could be restored.

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: MSD-82 Location: T1S R70W SEC5 SW1/4 Site Description: BEAR CREEK JUST S OF HIWAY 36		
Overall Habitat Quality Rating: 2 2-3		
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 2 Raptors: Water Birds: 1 Deer: 1 Prairie Dogs: Herptiles: 2	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: Other Birds:	
Species Diversity Ratings		
Animal Species Diversity: 2 Plant Species Diversity: 3		
Special Species:		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.: MSD-82 Other Evaluation Items		
Pristine Quality: 1 Ecosystem Function: 3 Restoration Potential: 2 see memo Wildlife Conflicts: 2	Human Disturbance: 9 Livestock Disturbance: Current Human Use: 4	
Additional Site Characteristics		
Habitat Types: RIPARIAN FOREST (sparse) ANNUAL AND PERENNIAL WEEDS Important Nearby Features: Physical Features: STREAM CHANNEL Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5600 Literature: Ownership:		

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MSD-82

Justification for Overall Quality Rating:

Some overstory developing in this channelized, gabioned stream course. Very narrow corridor with scattered tree planting.

Restoration Potential:

Construct pools and riffles in stream. Planting trees and shrubs adjacent to stream would improve overall habitat.

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: MSD-83 Site Description: BEAR CREEK AT MARTIN PARK	Location: T1S R70W SEC5 SW1/4
Overall Habitat Quality Rating: 3 3-3	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 3 Raptors: 1 Water Birds: 1 Deer: 1 Prairie Dogs: 1 Herptiles: 1	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 3 MEDIUM SIZED Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 2 Plant Species Diversity: 2	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: MSD-83	Other Evaluation Items
Pristine Quality: 1 Ecosystem Function: 2 Restoration Potential: 8 see memo Wildlife Conflicts: 3	Human Disturbance: 9 Livestock Disturbance: Current Human Use: 6
Additional Site Characteristics	
Habitat Types: RIPARIAN FOREST BOTOMLAND GRASSLAND Important Nearby Features: Physical Features: STREAM CHANNEL Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5600 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MSD-83

Justification for Overall Quality Rating:

Channelized stream with grouted rock drop structures. Some moderately sized trees. Site is quite disturbed.

Restoration Potential:

This channelized stream could be greatly improved by addition of native shrub thickets. Since this stream section goes through both park and school areas, the space may be available to broaden channel area and restore some stream meanders, and wetlands. This could serve in flood abatement and as a natural area for the school and community.

Page 1 of 2

Location: T1S R70W SEC8 NW1/4

BEAR CREEK BETWEEN LEHIGH AND BROADWAY

1-1

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

2

Raptors:

1

2

Prairie Dogs:

2

Mountain Lion:

Black Bear:

Badger:

Turkey:

Other Mammals:

Other Birds:

Species Diversity Ratings

Plant Species Diversity: 2

Plant Species Diversity: 2

Special Species:

Page 2 of 2

Site I.D.:MSD-84

Other Evaluation Items

1

2

9 see memo

7

10

Livestock Disturbance:

2

Additional Site Characteristics

BOTTOMLAND GRASSLAND see memo

Important Nearby Features: UPPER BEAR CREEK

Physical Features:CONTAINED STREAM CHANNEL

N

0.0

Y

5600

Literature:

Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MSD-84

Justification for Overall Quality Rating:

Almost no habitat except for grasses bordering the drainage. The two lanes of traffic border the site.

Restoration Potential:

If enough space is available, shrubs could be planted and still maintain necessary flood flows.

General Comments:

This area is used by deer as a movement corridor.

Additional Habitat Types:

BULRUSH MARSH

Site I.D.: WGM-85 Location: T1N R70W SEC27 SW1/4
 Site Description: SOUTH BOULDER CREEK BETWEEN VALMONT AND ARAPAHOE

Overall Habitat Quality Rating: 6 5-8

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 8	Mountain Lion:
Raptors: 6	Black Bear:
Water Birds: 8	Badger:
Deer: 4	Turkey:
Prairie Dogs:	Other Mammals: 7 SMALL MED-SIZE
Herptiles: 7	Other Birds: 6

Species Diversity Ratings

Animal Species Diversity: 7 Plant Species Diversity: 6

Special Species:

Site I.D.: WGM-85 Other Evaluation Items

Pristine Quality: 3	Human Disturbance: 7
Ecosystem Function: 6	Livestock Disturbance:
Restoration Potential: 8 see memo	Current Human Use: 3 TRAIL
Wildlife Conflicts: 2 ROADS	

Additional Site Characteristics

Habitat Types: WET GRASSY MEADOW SCATTERED TREES PONDS see memo
 Important Nearby Features: BOULDER CREEK CORRIDOR
 Physical Features: CHANNELIZED STREAM CHANNEL

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): Y	Elevation (feet): 5600
Literature:	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: WGM-85

Justification for Overall Quality Rating:

Large expanse of wetland habitat with scattered trees and ponds.
Channelized stream with concrete drop structures. Some riparian reforestation occurring naturally

Restoration Potential:

Pond improvement and planting of native species in localized areas would improve the overall habitat. The site needs protection from any further disturbance. Good potential for restoration of riparian area. Native shrublands, riparian forest and tall grass prairie could all be restored in this area.

Additional Habitat Types:

STREAM BOTTOMLAND GRASSLAND RIPARIAN FOREST CATTAIL MARSH
MIXED PLAINS SHRUBLAND PERENNIAL WEED COMMUNITY MIXED GRASS
PRAIRIE

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: MSD-86 Site Description: BEAR CREEK .5 MI E OF NCAR	Location: T1S R70W SEC7 NE1/4
Overall Habitat Quality Rating: 7 3-9	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 7 Raptors: 3 Water Birds: 1 Deer: 5 Prairie Dogs: 3 Herptiles: 3	Mountain Lion: 3 Black Bear: 3 Badger: Turkey: Other Mammals: 8 MEDIUM SIZED Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 5 Plant Species Diversity: 6	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: MSD-86	Other Evaluation Items
Pristine Quality: 7 Ecosystem Function: 9 Restoration Potential: 2 see memo Wildlife Conflicts: 7	Human Disturbance: 5 Livestock Disturbance: Current Human Use: 7
Additional Site Characteristics	
Habitat Types: RIPARIAN FOREST Important Nearby Features: FOOTHILLS PRAIRIE PONDEROSA PINE Physical Features: STREAM CHANNEL Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5600 Literature: Ownership:	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MSD-86

Justification for Overall Quality Rating:

Very diverse and relatively pristine section of Bear Creek. Native trees in various age classes.

Restoration Potential:

Stream channel could be improved with small pools and riffles.
Concentration of human traffic onto a single trail would improve area.

General Comments:

Coyotes and red fox known from this area.

Site I.D.: RPF-87

Location: T1N R70W SEC34 SE1/4

Site Description: SOUTH BOULDER CREEK NORTH OF BASELINE ROAD

Overall Habitat Quality Rating: 6

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 6	Mountain Lion:
Raptors: 2	Black Bear:
Water Birds: 4	Badger:
Deer: 6	Turkey:
Prairie Dogs:	Other Mammals: 3 MEDIUM SIZED
Herptiles: 1 SNAKES	Other Birds: 2

Species Diversity Ratings

Animal Species Diversity: 6

Plant Species Diversity: 6

Special Species: BOBOLINK (nearby)

Site I.D.: RPF-87

Other Evaluation Items

Pristine Quality: 4	Human Disturbance: 8
Ecosystem Function: 6	Livestock Disturbance:
Restoration Potential: 8 see memo	Current Human Use: 7 HOMES
Wildlife Conflicts: 4 ROADS	

Additional Site Characteristics

Habitat Types: RIPARIAN FOREST CATTAIL MARSH STREAM
 Important Nearby Features: SOUTH BOULDER CREEK CORRIDOR
 Physical Features: STREAM AND ASSOCIATED FLOODPLAIN

Red Flag (Y/N): N

Area (Acres): 0.0

Corridor (Y/N): Y

Elevation (feet): 5280

Literature:

Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-87

Justification for Overall Quality Rating:

Channelized riparian area. Many native trees with a few introduced willows.
Close proximity to backyards.

Restoration Potential:

Stream channel improvements would create better habitat for fishes. Species diversity could be improved with riparian tree and shrub plantings. Understory could be improved with reseeding of native species.

Site I.D.: MPS-88 Location: T2N R71W SEC25 SE1/4
 Site Description: VALLEY NORTH OF BEECH PROPERTY

Overall Habitat Quality Rating: 9

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 8	Mountain Lion: 5
Raptors: 5	Black Bear: 3
Water Birds:	Badger:
Deer: 6	Turkey:
Prairie Dogs:	Other Mammals: 3 MEDIUM SIZED
Herptiles: 3 SNAKES	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 9 Plant Species Diversity: 9

Special Species: GREEN VIOLET DOUBLE BLADDERPOD see memo

Site I.D.: MPS-88 Other Evaluation Items

Pristine Quality: 7	Human Disturbance: 3
Ecosystem Function: 7	Livestock Disturbance: 2
Restoration Potential: 1	Current Human Use: 1
Wildlife Conflicts: 7 see memo	

Additional Site Characteristics

Habitat Types: MIXED PLAINS SHRUBLAND RIPARIAN FOREST
 Important Nearby Features: FOOTHILLS OPEN SPACE AND HOGBACK
 Physical Features: SMALL STREAM CORRIDOR SHALE OUTCROPS

Red Flag (Y/N): Y see memo	Area (Acres): 0.0
Corridor (Y/N): Y see memo	Elevation (feet): 5600
Literature: Y	Ownership:

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MPS-88

Justification for Overall Quality Rating:

Significant wildlife corridor for big animals. Only slightly grazed. Road crossing is a major wildlife conflict. Interesting flora on adjacent uplands.

Special Species:

Blue grosbeaks nest here. Important movement corridor for mule deer, mountain lion and black bear.

Interesting plant species include green violet (*Hybanthus verticillatus*) and double bladderpod (*Physaria bellii*).

General Comments:

Coyotes in this area.

Literature:

Six Mile Fold Natural Area Study, University of Colorado Department of Geography.

Listed as Unique Geological Feature in the Boulder County Comprehensive Plan, June 1990.

Red Flag:

Rare plant species. See comments for special species.

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: ROC-89 Site Description: WEISER PROPERTY - WHITE ROCKS UPLAND AREA	Location: T1N R69W SEC18 NW1/4
Overall Habitat Quality Rating: 9	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 8 Raptors: 9 Water Birds: Deer: 8 Prairie Dogs: Herptiles: 9 SNAKES	Mountain Lion: Black Bear: Badger: 2 POTENTIAL Turkey: Other Mammals: 9 SMALL AND MEDIUM Other Birds: 7
Species Diversity Ratings	
Animal Species Diversity: 10 Plant Species Diversity: 9	
Special Species: ASPLENIUM ANDREWSII PERDITA PERDITA see memo	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: ROC-89	Other Evaluation Items
Pristine Quality: 8 Ecosystem Function: 10 Restoration Potential: 1 Wildlife Conflicts:	Human Disturbance: 1 Livestock Disturbance: 3 HISTORIC Current Human Use: 1
Additional Site Characteristics	
Habitat Types: ROCK OUTCROP MIXED PLAINS SHRUBLAND see memo Important Nearby Features: BOULDER CREEK CORRIDOR Physical Features: SANDSTONE OUTCROPS NARROW RAVINES Red Flag (Y/N): Y Area (Acres): 0.0 Corridor (Y/N): Y IN PART Elevation (feet): 5160 Literature: Ownership: PRIVATE - WEISER	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: ROC-89

Justification for Overall Quality Rating:

While there is some weediness on the site that suggests past grazing, this area (along with the adjacent portions of the White Rocks) is unique and has many rare and interesting species.

Red Flag:

Unique area both in terms of flora and fauna.

Special Species:

This site includes a wide range of interesting and unusual species:

Andrews Spleenwort - *Asplenium andrewsii*

Hog Peanut - *Apios americana* (possibly)

Annual Three-awn - *Aristida basiramea*

Miner Bee - *Perdita perdita*

Additional Habitat Types:

SKUNKBUSH SUMAC PONDEROSA PINE SAVANNA MIXED GRASS PRAIRIE

See also comments for RPF-62.

**TABULAR SUMMARIES FOR
WILDLIFE HABITAT PARCELS
IN AREA 3**

The pages which follow present the information for each of the records in the data base for the wildlife habitat parcels included in the study. The map that accompanies this report shows the individual locations for each parcel.

In all, 40 parcels were included in the inventory of Area 3. They were numbered sequentially beginning with number 301. For ease of accessing the information, the parcels are listed in order.

Site I.D.: MGP-301

Location: T2N R71W SEC25 S1/2

Site Description: SHALE AREA NORTH OF BEECH PROPERTY WEST OF FOOTHILLS

Overall Habitat Quality Rating: 9

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 8	Mountain Lion: 6 CORRIDOR
Raptors: 9	Black Bear: 1 POTENTIAL
Water Birds:	Badger:
Deer: 8	Turkey:
Prairie Dogs:	Other Mammals: 8 MEDIUM SIZED
Herptiles: 8 RATTLESNAKES	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 10

Plant Species Diversity: 10

Special Species: see memo

Site I.D.: MGP-301

Other Evaluation Items

Pristine Quality: 8	Human Disturbance: 1
Ecosystem Function: 9	Livestock Disturbance: 3 IN PAST
Restoration Potential:	Current Human Use: 3
Wildlife Conflicts: 7 see memo	

Additional Site Characteristics

Habitat Types: MIXED GRASS PRAIRIE MIXED PLAINS SHRUBLAND
 Important Nearby Features: ROCK OUTCROPS WILDLIFE CORRIDOR
 Physical Features: SMALL DRAINAGES ROCK OUTCROPS FOSSILS

Red Flag (Y/N): Y see memo

Area (Acres): 0.0

Corridor (Y/N): Y

Elevation (feet): 5600-6400

Literature:

Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-301

Justification for Overall Quality Rating:

Relatively undisturbed mixed grass foothill prairie.

Special Species:

This site is potentially important for black bear and mountain lion.

Rattlesnakes occur on the site as well as deer and red fox.

Special plant species include a species of green violet (*Hybanthus verticillatus*), double bladderpod (*Physaria bellii*) and an unusual species of prickly pear cactus (*Opuntia phaeacantha*).

Red Flag:

See comments for special species.

Wildlife Conflict:

Potential for road kills is significant.

Literature:

Six Mile Fold Natural Area Study. University of Colorado Department of Geography. 1970.

Listed as unique geological feature in Boulder County Comprehensive Plan, June 1990.

Ownership:

Boulder County Open Space
City Open Space

City of Boulder Wildlife Habitat Data Base Page 1 of 2																									
Site I.D.: MGP-302	Location: T1N R71W SEC1 N1/2																								
Site Description: DRAINAGE W OF FOOTHILLS HWY 1.25 MILE N OF LEE HILL RD																									
Overall Habitat Quality Rating: 6																									
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">Songbirds:</td><td style="padding: 2px;">7</td></tr> <tr><td style="padding: 2px;">Raptors:</td><td style="padding: 2px;">9</td></tr> <tr><td style="padding: 2px;">Water Birds:</td><td style="padding: 2px;"></td></tr> <tr><td style="padding: 2px;">Deer:</td><td style="padding: 2px;">8</td></tr> <tr><td style="padding: 2px;">Prairie Dogs:</td><td style="padding: 2px;">3</td></tr> <tr><td style="padding: 2px;">Herptiles:</td><td style="padding: 2px;">7 SNAKES</td></tr> </table>	Songbirds:	7	Raptors:	9	Water Birds:		Deer:	8	Prairie Dogs:	3	Herptiles:	7 SNAKES	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">Mountain Lion:</td><td style="padding: 2px;">4 POTENTIAL</td></tr> <tr><td style="padding: 2px;">Black Bear:</td><td style="padding: 2px;">1 POTENTIAL</td></tr> <tr><td style="padding: 2px;">Badger:</td><td style="padding: 2px;"></td></tr> <tr><td style="padding: 2px;">Turkey:</td><td style="padding: 2px;"></td></tr> <tr><td style="padding: 2px;">Other Mammals:</td><td style="padding: 2px;">8 MEDIUM COYOTE</td></tr> <tr><td style="padding: 2px;">Other Birds:</td><td style="padding: 2px;"></td></tr> </table>	Mountain Lion:	4 POTENTIAL	Black Bear:	1 POTENTIAL	Badger:		Turkey:		Other Mammals:	8 MEDIUM COYOTE	Other Birds:	
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Species Diversity Ratings																									
Animal Species Diversity: 7	Plant Species Diversity: 7																								
Special Species:																									

City of Boulder Wildlife Habitat Data Base Page 2 of 2															
Site I.D.: MGP-302	Other Evaluation Items														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">Pristine Quality:</td><td style="padding: 2px;">4</td></tr> <tr><td style="padding: 2px;">Ecosystem Function:</td><td style="padding: 2px;">7</td></tr> <tr><td style="padding: 2px;">Restoration Potential:</td><td style="padding: 2px;">2 see memo</td></tr> <tr><td style="padding: 2px;">Wildlife Conflicts:</td><td style="padding: 2px;">6</td></tr> </table>	Pristine Quality:	4	Ecosystem Function:	7	Restoration Potential:	2 see memo	Wildlife Conflicts:	6	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">Human Disturbance:</td><td style="padding: 2px;">2</td></tr> <tr><td style="padding: 2px;">Livestock Disturbance:</td><td style="padding: 2px;">7</td></tr> <tr><td style="padding: 2px;">Current Human Use:</td><td style="padding: 2px;"></td></tr> </table>	Human Disturbance:	2	Livestock Disturbance:	7	Current Human Use:	
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Habitat Types: MIXED GRASS PRAIRIE MIXED PLAINS SHRUBLAND see memo															
Important Nearby Features: FOOTHILLS OPEN SPACE															
Physical Features: ROCK OUTCROPS PEDIMENT EPHEMERAL STRM.															
Red Flag (Y/N): N	Area (Acres): 0.0														
Corridor (Y/N): Y	Elevation (feet): 5600-6000														
Literature:	Ownership: PRIVATE														

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-302

Justification for Overall Quality Rating:

Heavily grazed prairie - quite weedy. Upper drainage in better condition. Important corridor on west end.

Restoration Potential:

Currently over grazed and weedy. Cheatgrass and Russian knapweed need control.

Additional Habitat Types:

RIPARIAN FOREST PONDEROSA PINE FOREST MIXED MOUNTAIN SHRUBLAND

Site I.D.: MGP-303 Location: T1N R71W SEC 12 NE1/4
 Site Description: FOOTHILLS PRAIRIE - PARSONS/MANN AREA EAST

Overall Habitat Quality Rating: 6

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 6	Mountain Lion: 2 POTENTIAL
Raptors: 6	Black Bear: 1 POTENTIAL
Water Birds:	Badger:
Deer: 6	Turkey:
Prairie Dogs:	Other Mammals: 6 MEDIUM SIZED
Herptiles: 5	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 4 Plant Species Diversity: 5

Special Species:

Site I.D.: MGP-303 Other Evaluation Items

Pristine Quality: 5	Human Disturbance: 4
Ecosystem Function: 7	Livestock Disturbance: 3
Restoration Potential: 1 see memo	Current Human Use: 4
Wildlife Conflicts: 2	

Additional Site Characteristics

Habitat Types: MIXED GRASS PRAIRIE PONDEROSA PINE SAVANNA
 Important Nearby Features: FOOTHILLS OPEN SPACE CORRIDOR
 Physical Features: PEDIMENT BASE OF FIRST HOGBACK

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5600
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-303

Justification for Overall Quality Rating:

Relatively undisturbed prairie adjacent to open space foothills parcel.
Some grazing on site.

General Comments:

This site could be a possible addition to open space for prairie preservation.

Restoration Potential:

Removal of grazing would improve the site. Currently the site is not very weedy.

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: MGP-304 Site Description: PRAIRIE SOUTHEAST OF MESA RESERVOIR	Location: T1N R70W SEC8
Overall Habitat Quality Rating: 5	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 6 Raptors: 6 Water Birds: Deer: 4 Prairie Dogs: 4 Herptiles: 2 SNAKES	Mountain Lion: Black Bear: Badger: 3 POTENTIAL Turkey: Other Mammals: 7 SMALL AND MED. Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 5 Plant Species Diversity: 5	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: MGP-304	Other Evaluation Items
Pristine Quality: 4 Ecosystem Function: 7 Restoration Potential: 2 see memo Wildlife Conflicts: 1	Human Disturbance: 4 Livestock Disturbance: 7 Current Human Use: 2
Additional Site Characteristics	
Habitat Types: MIXED GRASS PRAIRIE PERENNIAL WEED COMMUNITY see memo Important Nearby Features: Physical Features: EPHEMERAL STREAM AND UPLANDS Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5400 Literature: Ownership: PRIVATE	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-304

Justification for Overall Quality Rating:

Moderately weedy mixed grass prairie with some very weedy parcels. Small ephemeral stream.

Restoration Potential:

Weed control for Russian knapweed and cheatgrass would improve the quality of the prairie.

Additional Habitat Types:

STREAM RIPARIAN FOREST

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: MGP-305 Site Description: HILLSIDE JUST N OF JUNCTION OF 28TH AND BROADWAY	Location: T1N R71W SEC1 SE1/4
Overall Habitat Quality Rating: 4	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 3 Raptors: 5 Water Birds: Deer: Prairie Dogs: Herptiles: 4 SNAKES	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 5 SMALL AND MED. Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 3 Plant Species Diversity: 4	
Special Species: PHYSARIA BELLII ON SHALE	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: MGP-305	Other Evaluation Items
Pristine Quality: 4 Ecosystem Function: 6 Restoration Potential: 2 see memo Wildlife Conflicts:	Human Disturbance: 5 Livestock Disturbance: 5 Current Human Use: 4
Additional Site Characteristics	
Habitat Types: MIXED GRASS PRAIRIE SHORT GRASS PRAIRIE Important Nearby Features: EPHEMERAL STREAM Physical Features: HILLTOP AND SHALE OUTCROP Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): N Elevation (feet): 5620 Literature: Ownership: PRIVATE	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-305

Justification for Overall Quality Rating:

Vegetation is relatively undisturbed. Site is small. Mixed grass prairie remnant on top and north side. South side is more disturbed.

Restoration Potential:

Potential to clear concrete debris and restore short and mixed grass prairie. Weed control necessary for Russian knapweed.

Site I.D.: MGP-306

Location: T1N R70W SEC7 NW1/4

Site Description: PRAIRIE 0.5 MILE SOUTHWEST OF MESA RESERVOIR

Overall Habitat Quality Rating: 6

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds:	5	Mountain Lion:	
Raptors:	7	Black Bear:	
Water Birds:		Badger:	2 POTENTIAL
Deer:	2	Turkey:	
Prairie Dogs:	5	Other Mammals:	5 MEDIUM SIZED
Herptiles:	3 SNAKES	Other Birds:	

Species Diversity Ratings

Animal Species Diversity: 4

Plant Species Diversity: 5

Special Species:

Site I.D.:MGP-306

Other Evaluation Items

Pristine Quality:	6	Human Disturbance:	2
Ecosystem Function:	7	Livestock Disturbance:	4
Restoration Potential:	1 see memo	Current Human Use:	2
Wildlife Conflicts:	2		

Additional Site Characteristics

Habitat Types: MIXED GRASS PRAIRIE ROCK OUTCROP
 Important Nearby Features:FOOTHILLS OPENSOURCE
 Physical Features:VALLEY AND UPLANDS/ SMALL ROCK OUTCROPS

Red Flag (Y/N): N

Area (Acres): 0.0

Corridor (Y/N): Y

Elevation (feet): 5620

Literature:

Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-306

Justification for Overall Quality Rating:

Lightly grazed mixed grass prairie with a small valley and adjacent uplands.
Few weeds and east and south; some Russian knapweed on west side.

Restoration Potential:

Russian knapweed control needed on west side. Little improvement needed
except for grazing management on east side of parcel.

General Comments:

This site is a former prairie dog town with a confirmed badger sighting in
the early 1980's.

Site I.D.: MGP-307

Location: T1N R70W SEC7 SE1/4

Site Description: WEEDY PRAIRIE CORRIDOR WEST OF OLD N. BOULDER LANDFILL

Overall Habitat Quality Rating: 7

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 6

Raptors: 8

Water Birds: 1

Deer: 7

Prairie Dogs:

Herptiles: 3 SNAKES

Mountain Lion:

Black Bear:

Badger: 2 POTENTIAL

Turkey:

Other Mammals: 6 SMALL MEDIUM

Other Birds: 2

Species Diversity Ratings

Animal Species Diversity: 7

Plant Species Diversity: 4

Special Species:

Site I.D.: MGP-307

Other Evaluation Items

Pristine Quality: 3

Ecosystem Function: 6

Restoration Potential: 3 see memo

Wildlife Conflicts: 1

Human Disturbance: 5

Livestock Disturbance: 7 PAST

Current Human Use: 2

Additional Site Characteristics

Habitat Types: MIXED GRASS PRAIRIE PERENNIAL WEED COMMUNITY see memo

Important Nearby Features:

Physical Features:

Red Flag (Y/N): Y see memo

Corridor (Y/N): Y

Literature:

Area (Acres): 0.0

Elevation (feet): 5350

Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-307

Justification for Overall Quality Rating:

Weedy, modified prairie with small stock pond. Some shrubs along drainage. Habitat value is somewhat higher than it otherwise would be because of its value as a corridor.

Restoration Potential:

Reclaim old landfill site. Control Russian knapweed and Canada thistle.

Red Flag:

This parcel is part of an important open space corridor.

General Comments:

There are fossil clams and ammonites in the shale outcrops.

Additional Habitat Types:

DRYLAND DEVELOPED PASTURE POND MIXED PLAINS SHRUBLANDS ROCK OUTCROP

Site I.D.: BLG-308 Location: T1N R70W SEC9 see memo
 Site Description: VALLEY NORTH OF PLEASANT RIDGE

Overall Habitat Quality Rating: 10

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 10	Mountain Lion:
Raptors: 9	Black Bear:
Water Birds:	Badger: 3 POTENTIAL
Deer: 9	Turkey:
Prairie Dogs: 7	Other Mammals: 6 SMALL MEDIUM
Herptiles: 5	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 9 Plant Species Diversity: 8

Special Species: GREAT HORNED OWL

Site I.D.: BLG-308 Other Evaluation Items

Pristine Quality: 5	Human Disturbance: 6
Ecosystem Function: 7	Livestock Disturbance: 4
Restoration Potential: 4 see memo	Current Human Use: 5
Wildlife Conflicts: 2	

Additional Site Characteristics

Habitat Types: BOTTOMLAND GRASSLAND CATTAIL MARSH see memo
 Important Nearby Features:
 Physical Features: PIEDMONT VALLEY SHELTERED ON N AND S

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): Y	Elevation (feet): 5220-5290
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: BLG-308

Justification for Overall Quality Rating:

Small stream and associated ditches with large native and some introduced trees and shrubs. Nice bottomland wetlands. Prairie dog town. Important wildlife movement corridor.

Restoration Potential:

Limited potential for development of tall grass prairie on some of the disturbed sites.

Additional Habitat Types:

WET GRASSY MEADOW RIPARIAN FOREST PERENNIAL WEED COMMUNITY IRRIGATED
DEVELOPED PASTURE

General Comments:

This would be an excellent parcel for purchase.

Complete Location Information:

T1N R70W SEC9 S1/2; SEC8 S1/2

Site I.D.: TGP-309 Location: T1N R70W SEC8 see memo
 Site Description: OPEN HAY MEADOWS, WETLANDS SOUTH OF PLEASANT RIDGE

Overall Habitat Quality Rating: 8

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 4	Mountain Lion:
Raptors: 7	Black Bear:
Water Birds:	Badger:
Deer: 5	Turkey:
Prairie Dogs:	Other Mammals: 6 SMALL AND MEDIUM
Herptiles:	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 5 Plant Species Diversity: 8

Special Species:

Site I.D.: TGP-309 Other Evaluation Items

Pristine Quality: 7	Human Disturbance: 1
Ecosystem Function: 8	Livestock Disturbance: 1
Restoration Potential: 1	Current Human Use:
Wildlife Conflicts: 1	

Additional Site Characteristics

Habitat Types: TALL GRASS PRAIRIE IRRIGATED DEVELOPED PASTURE
 Important Nearby Features: LARGE VALLEY TO NORTH
 Physical Features: NEARLY LEVEL UPLAND AREA

Red Flag (Y/N): Y see memo	Area (Acres): 0.0
Corridor (Y/N): Y see memo	Elevation (feet): 5300
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: TGP-309

Justification for Overall Quality Rating:

Good stand of tall grass prairie. Used primarily as a hay meadow. Not heavily grazed. Few weeds.

Red Flag:

This is a nice remnant of tall grass prairie in North Boulder. There are some introduced species as well as native tall grass prairie species.

Corridor Comments:

While this is not a riparian corridor, it is an important un-developed area that allows for movement of wildlife.

Complete Location Information:

T1N R70W SEC8 SE1/4; SEC17 NE1/4

Site I.D.: DDP-310

Location: T1N R70W SEC17 NE1/4

Site Description: POND AND PASTURE SOUTH OF PLEASANT RIDGE

Overall Habitat Quality Rating: 6

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds:	6	Mountain Lion:	
Raptors:	8	Black Bear:	
Water Birds:	8	Badger:	
Deer:	5	Turkey:	
Prairie Dogs:		Other Mammals:	6 SMALL AND MEDIUM
Herptiles:	5	Other Birds:	

Species Diversity Ratings

Animal Species Diversity: 6

Plant Species Diversity: 5

Special Species:

Site I.D.:DDP-310

Other Evaluation Items

Pristine Quality:	3	Human Disturbance:	7
Ecosystem Function:	6	Livestock Disturbance:	5
Restoration Potential:	4	Current Human Use:	3
Wildlife Conflicts:	2		

Additional Site Characteristics

Habitat Types: DRYLAND DEVELOPED PASTURE CATTAIL MARSH BULRUSH MARSH
 Important Nearby Features: WILDLIFE CORRIDOR ON NORTH SIDE
 Physical Features: POND AND ADJACENT UPLAND

Red Flag (Y/N):	N	Area (Acres):	0.0
Corridor (Y/N):	Y (+/-)	Elevation (feet):	5300
Literature:		Ownership:	PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: DDP-310

Justification for Overall Quality Rating:

Reseeded slightly weedy pasture with wetland and pond.

Restoration Potential:

Potential for restoring tall grass prairie on modified pasture. Could add shrub thickets to improve cover and recreational potential as a trail site.

Site I.D.: CTM-311 Location: T1N R70W SEC16 NW1/4
 Site Description: CATTAIL MARSH NE OF JAY RD AND 47TH ST

Overall Habitat Quality Rating: 5

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 4	Mountain Lion:
Raptors: 4	Black Bear:
Water Birds:	Badger:
Deer:	Turkey:
Prairie Dogs:	Other Mammals:2
Herptiles:	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 4 Plant Species Diversity: 4

Special Species:

Site I.D.:CTM-311 Other Evaluation Items

Pristine Quality: 5	Human Disturbance: 2
Ecosystem Function: 6	Livestock Disturbance:3
Restoration Potential: 2 see memo	Current Human Use:
Wildlife Conflicts: 1	

Additional Site Characteristics

Habitat Types: CATTAIL MARSH SCATTERED TREES
 Important Nearby Features:LARGE OPEN TRACTS TO WEST AND NORTH
 Physical Features:LOWLAND AREA IN A SHALLOW DRAINAGE

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): Y	Elevation (feet): 5300
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: CTM-311

Justification for Overall Quality Rating:

Medium sized cattail marsh with pond and adjacent pasture. Upland areas grazed. Part of area seeded with introduced pasture grasses.

Restoration Potential:

Area could be improved by restoring tall grass prairie and possibly creating a shallow open water feature.

Site I.D.: MGP-312 Location: T1N R70W SEC17 see memo
 Site Description: PRAIRIE/PASTURES ON NORTH 20TH STREET

Overall Habitat Quality Rating: 6

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 6	Mountain Lion:
Raptors: 7	Black Bear:
Water Birds:	Badger:
Deer:	Turkey:
Prairie Dogs: 4	Other Mammals: 6 SMALL AND MEDIUM
Herptiles: 4 SNAKES	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 5 Plant Species Diversity: 8

Special Species:

Site I.D.: MGP-312 Other Evaluation Items

Pristine Quality: 6	Human Disturbance: 2
Ecosystem Function: 7	Livestock Disturbance: 4
Restoration Potential: 1 see memo	Current Human Use: 1
Wildlife Conflicts: 1	

Additional Site Characteristics

Habitat Types: MIXED GRASS PRAIRIE
 Important Nearby Features: CORRIDOR TO NORTH
 Physical Features: MOSTLY LEVEL UPLAND

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5400
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-312

Justification for Overall Quality Rating:

Many remnant mixed grass prairie species. Strong evidence of past overgrazing. One of the few mixed grass prairie sites in the Boulder area that is of reasonable quality.

Restoration Potential:

The site could be restored, but it would require a fairly intensive selective weed treatment. Seed or plant collections from this site could be used to enhance other areas. This option should be strongly considered, especially if the site is developed.

Complete Location Information:

T1N R70W SEC17 NW1/4; SEC8 SW1/4; SEC18 NE1/4

Site I.D.: RPF-313 Location: T1N R70W SEC15 NW1/4
Site Description: RIPARIAN ZONE ALONG DITCH AND CREEK NEAR PIONEER ROAD

Overall Habitat Quality Rating: 7

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 8	Mountain Lion: 1 REPORTED '86-87
Raptors: 8	Black Bear:
Water Birds: 9	Badger:
Deer: 8	Turkey:
Prairie Dogs:	Other Mammals: 7 MEDIUM SIZED
Herptiles: 6 TURTLES	Other Birds: 6 KING FISHER

Species Diversity Ratings

Animal Species Diversity: 6 Plant Species Diversity: 5

Special Species:

Site I.D.: RPF-313 Other Evaluation Items

Pristine Quality: 5	Human Disturbance: 4
Ecosystem Function: 6	Livestock Disturbance: 4
Restoration Potential: 3	Current Human Use: 3
Wildlife Conflicts: 5 see memo	

Additional Site Characteristics

Habitat Types: RIPARIAN FOREST MIXED PLAINS SHRUBLAND see memo
Important Nearby Features: CORRIDOR TO TWIN LAKES 4 MILE CREEK
Physical Features: ROLLING PASTURES IRRIGATION DITCH

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): Y	Elevation (feet): 5200
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-313

Justification for Overall Quality Rating:

Riparian area along ditch and creek with young cottonwoods, introduced willows and Russian olives. Some areas grazed by sheep and cattle. Pond on site used by waterfowl. Important corridor.

Restoration Potential:

Eroding creek bank could be stabilized using bioengineering techniques. Some weed control necessary. Tall grass prairie species could be planted.

Wildlife Conflict:

Colorado 119 is adjacent to site.

Additional Habitat Types:

IRRIGATED DEVELOPED PASTURE CATTAIL MARSH IRRIGATION DITCH

Site I.D.: MGP-314

Location: T1N R7OW SEC1 SE1/4

Site Description: GUNBARREL RIDGE

Overall Habitat Quality Rating: 4

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 6	Mountain Lion:
Raptors: 7	Black Bear:
Water Birds:	Badger:
Deer: 1	Turkey:
Prairie Dogs:	Other Mammals: 8 SMALL AND MEDIUM
Herptiles: 3 SNAKES	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 4

Plant Species Diversity: 5

Special Species:

Site I.D.: MGP-314

Other Evaluation Items

Pristine Quality: 3	Human Disturbance: 3
Ecosystem Function: 6	Livestock Disturbance: 7
Restoration Potential: 8 see memo	Current Human Use: 1
Wildlife Conflicts: 5	

Additional Site Characteristics

Habitat Types: MIXED GRASS PRAIRIE MIXED PLAINS SHRUBLAND see memo

Important Nearby Features:

Physical Features: ROLLING UPLAND WITH SHALLOW GULLIES

Red Flag (Y/N): N

Area (Acres): 0.0

Corridor (Y/N): N

Elevation (feet): 5120

Literature:

Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-314

Justification for Overall Quality Rating:

Heavily grazed farmed area with small remnants of native prairie. Scattered upland shrublands.

Restoration Potential:

With additional shrub plantings, this area could provide habitat for sharp-tailed grouse.

Additional Habitat Types:

ANNUAL WEED COMMUNITIES DRYLAND PASTURES

City of Boulder Wildlife Habitat Data Base		Page 1 of 2
Site I.D.: PLR-315	Location: T1N R7OW SEC21 NW1/4	
Site Description: HAYDEN LAKE		
Overall Habitat Quality Rating: 7		
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups		
Songbirds: 9 Raptors: 8 Water Birds: 9 Deer: 8 Prairie Dogs: Herptiles: 8 TURTLES	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 7 MEDIUM SIZED Other Birds: 8 KING FISHERS	
Species Diversity Ratings		
Animal Species Diversity: 7		Plant Species Diversity: 7
Special Species: OSPREY IN MIGRATION		

City of Boulder Wildlife Habitat Data Base		Page 2 of 2
Site I.D.: PLR-315	Other Evaluation Items	
Pristine Quality: 5 Ecosystem Function: 7 Restoration Potential: 3 Wildlife Conflicts: 4	Human Disturbance: 4 Livestock Disturbance: Current Human Use: 4	
Additional Site Characteristics		
Habitat Types: RESERVOIR RIPARIAN FOREST CATTAIL MARSH see memo Important Nearby Features: COTTONWOOD TRAIL PRAIRIE DOG TOWN Physical Features: RESERVOIR AND ASSOCIATED SHORELINE Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): N Elevation (feet): 5150 Literature: Y see memo Ownership: PRIVATE		

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PLR-315

Justification for Overall Quality Rating:

Nice reservoir with associated riparian woodland composed of peach-leaved willows and plains cottonwoods. Small cattail and bulrush wetlands. Many native species. Waterfowl, painted turtles, raccoons and great blue herons.

Restoration Potential:

Even with water level fluctuations, this manages to be a very nice lake. Some weed control would improve species composition. Canada thistle and teasel need control.

General Comments:

Proximity of airport may influence wildlife use. There is a prairie dog town along Independence Road just west of Hayden Lake.

Additional Habitat Types:

ANNUAL WEED COMMUNITY BULRUSH MARSH IRRIGATION DITCH

Literature:

Hayden Lake Area Study. Department of Geography, University of Colorado. 1972.

City of Boulder Wildlife Habitat Data Base Page 1 of 2													
Site I.D.: MGP-316 Site Description: UPLAND AREAS NORTH AND EAST OF BOULDER AIRPORT	Location: T1N R70W SEC22 see memo												
Overall Habitat Quality Rating: 6													
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups													
<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">Songbirds: 7</td><td style="width: 50%;">Mountain Lion:</td></tr> <tr><td>Raptors: 7</td><td>Black Bear:</td></tr> <tr><td>Water Birds: 1</td><td>Badger:</td></tr> <tr><td>Deer: 8</td><td>Turkey:</td></tr> <tr><td>Prairie Dogs:</td><td>Other Mammals: 7 MEDIUM SIZED</td></tr> <tr><td>Herptiles: 1 SNAKES</td><td>Other Birds: 3</td></tr> </table>	Songbirds: 7	Mountain Lion:	Raptors: 7	Black Bear:	Water Birds: 1	Badger:	Deer: 8	Turkey:	Prairie Dogs:	Other Mammals: 7 MEDIUM SIZED	Herptiles: 1 SNAKES	Other Birds: 3	
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Raptors: 7	Black Bear:												
Water Birds: 1	Badger:												
Deer: 8	Turkey:												
Prairie Dogs:	Other Mammals: 7 MEDIUM SIZED												
Herptiles: 1 SNAKES	Other Birds: 3												
Species Diversity Ratings													
Animal Species Diversity: 6	Plant Species Diversity: 6												
Special Species: BLACK VARIANT OF RED FOX													

City of Boulder Wildlife Habitat Data Base Page 2 of 2													
Site I.D.: MGP-316	Other Evaluation Items												
<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">Pristine Quality: 6</td><td style="width: 50%;">Human Disturbance: 5</td></tr> <tr><td>Ecosystem Function: 6</td><td>Livestock Disturbance: 4</td></tr> <tr><td>Restoration Potential: 3</td><td>Current Human Use: 4</td></tr> <tr><td>Wildlife Conflicts: 3</td><td></td></tr> </table>	Pristine Quality: 6	Human Disturbance: 5	Ecosystem Function: 6	Livestock Disturbance: 4	Restoration Potential: 3	Current Human Use: 4	Wildlife Conflicts: 3						
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Additional Site Characteristics													
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Habitat Types: MIXED GRASS PRAIRIE DRYLAND PASTURES see memo</td> <td></td> </tr> <tr> <td>Important Nearby Features: FOUR MILE CREEK RIPARIAN CORRIDOR</td> <td></td> </tr> <tr> <td>Physical Features: UPLAND AREAS SOUTH OF FOUR MILE CREEK</td> <td></td> </tr> <tr> <td>Red Flag (Y/N): N</td> <td>Area (Acres): 0.0</td> </tr> <tr> <td>Corridor (Y/N): Y somewhat</td> <td>Elevation (feet): 5200</td> </tr> <tr> <td>Literature:</td> <td>Ownership: PRIVATE</td> </tr> </table>		Habitat Types: MIXED GRASS PRAIRIE DRYLAND PASTURES see memo		Important Nearby Features: FOUR MILE CREEK RIPARIAN CORRIDOR		Physical Features: UPLAND AREAS SOUTH OF FOUR MILE CREEK		Red Flag (Y/N): N	Area (Acres): 0.0	Corridor (Y/N): Y somewhat	Elevation (feet): 5200	Literature:	Ownership: PRIVATE
Habitat Types: MIXED GRASS PRAIRIE DRYLAND PASTURES see memo													
Important Nearby Features: FOUR MILE CREEK RIPARIAN CORRIDOR													
Physical Features: UPLAND AREAS SOUTH OF FOUR MILE CREEK													
Red Flag (Y/N): N	Area (Acres): 0.0												
Corridor (Y/N): Y somewhat	Elevation (feet): 5200												
Literature:	Ownership: PRIVATE												

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-316

Justification for Overall Quality Rating:

Combination of mixed grass prairie and dryland developed pasture. Scattered trees and irrigation ditches. Houses and agricultural activity.

Special Species:

Black variant of red fox occurs in this area.

Additional Habitat Types:

MIXED PLAINS SHRUBLAND IRRIGATION DITCH POND

Complete Location Information:

T1N R70W SEC22 N1/2; SEC21 NE1/4

Site I.D.: PLR-317

Location: T1N R70W SEC24 NW1/4

Site Description: PONDS EAST OF SAWHILL PONDS

Overall Habitat Quality Rating: 4

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds:	4	Mountain Lion:	
Raptors:	3	Black Bear:	
Water Birds:	7	Badger:	
Deer:	1	Turkey:	
Prairie Dogs:		Other Mammals:	3 SMALL
Herptiles:	2 TURTLES	Other Birds:	1 KING FISHER

Species Diversity Ratings

Animal Species Diversity: 4

Plant Species Diversity: 4

Special Species:

Site I.D.: PLR-317

Other Evaluation Items

Pristine Quality:	1	Human Disturbance:	9
Ecosystem Function:	3	Livestock Disturbance:	7
Restoration Potential:	9 see memo	Current Human Use:	1
Wildlife Conflicts:	5		

Additional Site Characteristics

Habitat Types: POND ANNUAL AND PERENNIAL WEED COMMUNITIES CATTAIL MARSH
 Important Nearby Features: SAWHILL PONDS BOULDER CREEK CORRIDOR
 Physical Features: UPLAND PASTURE WITH POND

Red Flag (Y/N):	N	Area (Acres):	0.0
Corridor (Y/N):	N	Elevation (feet):	5150
Literature:		Ownership:	PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PLR-317

Justification for Overall Quality Rating:

Heavily grazed pasture with ponds. Many weeds, but some interesting native species. Some small cottonwoods and Russian olives.

Restoration Potential:

Good potential for wetland expansion and tall grass prairie restoration. Weed control necessary.

General Comments:

The pond immediately west of the house is a very rich waterfowl pond.

Site I.D.: WGM-318

Location: T1N R70W SEC24 NE1/4

Site Description: WETLAND PASTURE SOUTHEAST OF SAWHILL PONDS

Overall Habitat Quality Rating: 7

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 8	Mountain Lion:
Raptors: 6	Black Bear:
Water Birds: 4	Badger:
Deer:	Turkey:
Prairie Dogs:	Other Mammals: 7 MEDIUM SIZED
Herptiles:	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 5

Plant Species Diversity: 8

Special Species: TULIP GENTIAN (*Eustoma grandiflorum*)

Site I.D.: WGM-318

Other Evaluation Items

Pristine Quality: 6	Human Disturbance: 3
Ecosystem Function: 7	Livestock Disturbance: 4
Restoration Potential: 5 see memo	Current Human Use: 1
Wildlife Conflicts: 4	

Additional Site Characteristics

Habitat Types: WET GRASSY MEADOW CATTAIL MARSH BULRUSH MARSH
 Important Nearby Features: BOULDER CREEK FLOODPLAIN SAWHILL POND
 Physical Features: FLOODPLAIN AREA

Red Flag (Y/N): Y see memo	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5150
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: WGM-318

Justification for Overall Quality Rating:

Grazed wetland and prairie areas. Many native grasses and forbs. Not very weedy. Site would be better if it were not grazed.

Restoration Potential:

Remove grazing and control weeds.

Species Species:

Tulip gentian (*Eustoma grandiflorum*) occurs on this site.

Red Flag:

Tulip gentian is a rare species in the Boulder Valley.

Site I.D.: RGM-319

Location: T1N R70W SEC14 see memo

Site Description: GRAVEL PONDS AND BOULDER CREEK S OF JAY ROAD; E OF 63RD

Overall Habitat Quality Rating: 8

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds:	9	Mountain Lion:	
Raptors:	9	Black Bear:	
Water Birds:	9	Badger:	
Deer:	9	Turkey:	
Prairie Dogs:		Other Mammals:	8 MEDIUM SIZED
Herptiles:	8 TURTLES	Other Birds:	8

Species Diversity Ratings

Animal Species Diversity: 9

Plant Species Diversity: 6

Special Species:

Site I.D.:RGM-319

Other Evaluation Items

Pristine Quality:	2	Human Disturbance:	9
Ecosystem Function:	6	Livestock Disturbance:	2
Restoration Potential:	8 see memo	Current Human Use:	6
Wildlife Conflicts:	2		

Additional Site Characteristics

Habitat Types: REVEGETATED GRAVEL MINE SITE CATTAIL MARSH see memo
 Important Nearby Features:BOULDER CREEK CORRIDOR
 Physical Features:NATURALLY REVEGETATED GRAVEL MINE SITE

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): Y	Elevation (feet): 5150
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RGM-319

Justification for Overall Quality Rating:

Complex of Boulder Creek stream side and gravel pits offers much edge and diversity for wildlife. Weedy areas and poor land shaping detract from overall quality rating.

Restoration Potential:

High potential for re-establishing floodplain communities. Land shaping, weed control, seeding and topsoiling would be necessary in some areas.

General Comments:

Proposed critical wildlife habitat for Boulder County on basis of being a good quality riparian area.

Additional Habitat Types:

RIPARIAN FOREST

Complete Location Information:

T1N R70W SEC14 SE1/4; SEC23 NW1/4

City of Boulder Wildlife Habitat Data Base Page 1 of 2																									
Site I.D.: MGP-320 Site Description: VALMONT BUTTE	Location: T1N R70W SEC22 SE1/4																								
Overall Habitat Quality Rating: 6																									
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups																									
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City of Boulder Wildlife Habitat Data Base Page 2 of 2															
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Corridor (Y/N):	N Elevation (feet): 5200														
Literature:	Y see memo Ownership: PRIVATE														

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-320

Justification for Overall Quality Rating:

Prominent geologic feature. Some mining activity. Good native grassland and shrub communities on north side. A significant geologic landmark.

Restoration Potential:

South side is weedy with an industrial area. Disturbed areas could be restored to prairie with a seeding program and weed control. West end mined and scarred - difficult to restore. Mining still on-going.

Red Flag:

The north side of Valmont Butte supports excellent remnants of mixed grass prairie and native shrublands. It has a good diversity of grasses, forbs and shrubs.

Literature:

Valmont Dike Natural Area Study. University of Colorado Department of Geography. 1970.

City of Boulder Wildlife Habitat Data Base Page 1 of 2																									
Site I.D.: RGM-321	Location: T1N R70W SEC23 SE1/4																								
Site Description: GRAVEL PONDS NORTH OF VALMONT ROAD AT VALMONT BUTTE																									
Overall Habitat Quality Rating: 6																									
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City of Boulder Wildlife Habitat Data Base Page 2 of 2															
Site I.D.: RGM-321	Other Evaluation Items														
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Corridor (Y/N): Y	Elevation (feet): 5150														
Literature:	Ownership: PRIVATE														

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RGM-321

Justification for Overall Quality Rating:

Heavily grazed and disturbed gravel pond area. Good connection with similar areas along Boulder Creek. Some cottonwoods and willows. Small cattail marsh.

Restoration Potential:

With reshaping and reseeding, the area could be made more diverse. It would be possible to add wetlands, some prairie areas and some shrub communities.

Additional Habitat Types:

RIPARIAN FOREST PERENNIAL WEED COMMUNITIES DRYLAND DEVELOPED PASTURE
MIXED PLAINS SHRUBLAND

Site I.D.: MGP-322

Location: T1N R70W SEC25 NW1/4

Site Description: PENINSULA INTO VALMONT RESERVOIR FROM EAST SIDE

Overall Habitat Quality Rating: 8

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 7	Mountain Lion:
Raptors: 9	Black Bear:
Water Birds:	Badger:
Deer: 7	Turkey:
Prairie Dogs: 9	Other Mammals: 8 MEDIUM SIZED
Herptiles: 7 SNAKES	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 5

Plant Species Diversity: 6

Special Species:

Site I.D.: MGP-322

Other Evaluation Items

Pristine Quality: 4	Human Disturbance: 7
Ecosystem Function: 8	Livestock Disturbance:
Restoration Potential: 1 see memo	Current Human Use: 3
Wildlife Conflicts: 3	

Additional Site Characteristics

Habitat Types: MIXED GRASS PRAIRIE ANNUAL AND PERENIAL WEEDS see memo
 Important Nearby Features: VALMONT RESERVOIR
 Physical Features: GENTLY ROLLING UPLAND SITE

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5250
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-322

Justification for Overall Quality Rating:

Large parcel with two light industrial buildings. Nice prairie on upland. Large prairie dog town. Weedy area possibly caused by prairie dogs and past human activities.

Restoration Potential:

Restoration of an area where prairie dogs are present is not possible unless the prairie dogs are removed. At this site it may be appropriate to control expansion of the prairie dog town.

Additional Habitat Types:

RIPARIAN FOREST DRYLAND DEVELOPED PASTURE IRRIGATION DITCH

Site I.D.: WGM-323 Location: T1N R69W SEC19 see memo
 Site Description: NORTH END OF DRY CREEK DRAINAGE EAST OF VALMONT ROAD

Overall Habitat Quality Rating: 4

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 5	Mountain Lion:
Raptors: 1	Black Bear:
Water Birds: 5	Badger:
Deer: 2	Turkey:
Prairie Dogs:	Other Mammals: 6 MEDIUM SIZED
Herptiles:	Other Birds: 4 KING FISHER

Species Diversity Ratings

Animal Species Diversity: 4 Plant Species Diversity: 3

Special Species:

Site I.D.: WGM-323 Other Evaluation Items

Pristine Quality: 2	Human Disturbance: 8
Ecosystem Function: 3	Livestock Disturbance: 6
Restoration Potential: 9 see memo	Current Human Use:
Wildlife Conflicts: 1	

Additional Site Characteristics

Habitat Types: WET GRASSY MEADOW STREAM RIPARIAN FOREST see memo
 Important Nearby Features: BOULDER CREEK CORRIDOR
 Physical Features: LOWLAND PASTURES AND CROPLANDS STREAM

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): Y	Elevation (feet): 5120
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: WGM-323

Justification for Overall Quality Rating:

Heavy agricultural modification reduces the value of this perennial stream. Very few natives remain.

Restoration Potential:

This area could be restored to a much more useful and natural condition by creating a 25-foot buffer zone along it. Bioengineering procedures for bank stabilization; weed control; and reseedling native species would do much for the quality of wildlife habitat and water quality.

Additional Habitat Types:

PERENNIAL WEED COMMUNITIES IRRIGATED DEVELOPED PASTURE CULTIVATED CROPLAND

Complete Location Information:

T1N R69W SEC19 NE1/4; SEC20 NW1/4

Site I.D.: WGM-324

Location: T1N R89W SEC19 see memo

Site Description: DRY CREEK

Overall Habitat Quality Rating: 6

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 5	Mountain Lion:
Raptors: 9	Black Bear:
Water Birds: 5	Badger:
Deer: 8	Turkey:
Prairie Dogs:	Other Mammals: 8 MEDIUM SIZED
Herptiles:	Other Birds: 6 KING FISHER

Species Diversity Ratings

Animal Species Diversity: 6

Plant Species Diversity: 5

Special Species:

Site I.D.: WGM-324

Other Evaluation Items

Pristine Quality: 3	Human Disturbance: 8
Ecosystem Function: 4	Livestock Disturbance: 8
Restoration Potential: 9	Current Human Use: 6
Wildlife Conflicts: 3	

Additional Site Characteristics

Habitat Types: WET GRASSY MEADOW IRRIGATED DEVELOPED PASTURE see memo
 Important Nearby Features: BOULDER CREEK CORRIDOR
 Physical Features: SMALL PERENNIAL STREAM ROLLING FARMLAND

Red Flag (Y/N): N

Area (Acres): 0.0

Corridor (Y/N): Y

Elevation (feet): 5200

Literature:

Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: WGM-324

Justification for Overall Quality Rating:

Nice stream, but it needs relief from agricultural pressure. Weed control needed to improve habitat. Good channel configuration.

Restoration Potential:

Good restoration potential. Need to stabilize banks (use bioengineering techniques). Established 25-foot buffer zone on either side of creek. Remove grazing, control weeds and plant tall grass prairie or wetland species.

Additional Habitat Types:

PERENNIAL WEED COMMUNITY STREAM SEDGE MEADOW RIPARIAN FOREST

Complete Location Information:

T1N R69W SEC19 SE1/4; SEC30 NW1/4

Site I.D.: RPF-325 Location: T1N R69W SEC30 see memo
 Site Description: DRY CREEK WEST OF WILLOW CREEK SUBDIVISION

Overall Habitat Quality Rating: 8

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 8	Mountain Lion:
Raptors: 9	Black Bear:
Water Birds: 6	Badger:
Deer: 6	Turkey:
Prairie Dogs:	Other Mammals: 8 MEDIUM SIZED
Herptiles:	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 8 Plant Species Diversity: 7

Special Species:

Site I.D.: RPF-325 Other Evaluation Items

Pristine Quality: 2	Human Disturbance: 3
Ecosystem Function: 7	Livestock Disturbance: 5
Restoration Potential: 2 see memo	Current Human Use: 2
Wildlife Conflicts: 3	

Additional Site Characteristics

Habitat Types: RIPARIAN FOREST POND PERENNIAL WEED COMMUNITY see memo
 Important Nearby Features: BOULDER CREEK CORRIDOR
 Physical Features:

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): Y	Elevation (feet): 5200
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: RPF-325

Justification for Overall Quality Rating:

Many mature cottonwoods, willows and Russian olives. Open pasture and adjacent grasslands. Good cover and permanent water. Excellent corridor.

Restoration Potential:

Some weed control and restoration of native riparian species would improve the site. Habitat improvement could occur in farm lands on west side. East side is mostly private homes.

Additional Habitat Types:

DRYLAND DEVELOPED PASTURE CULTIVATED CROPLAND ANNUAL WEED COMMUNITIES
SEDGE MEADOW

Complete Location Information:

T1N R69W SEC30 W1/2; T1N R70W SEC25

Site I.D.: WGM-326

Location: T1N R70W SEC36 NE1/4

Site Description: DRY CREEK BETWEEN 75TH AND ARAPAHOE

Overall Habitat Quality Rating: 5

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds:	5	Mountain Lion:	
Raptors:	4	Black Bear:	
Water Birds:	3	Badger:	
Deer:	4	Turkey:	
Prairie Dogs:		Other Mammals:	7 MEDIUM SIZED
Herptiles:		Other Birds:	3 KING FISHER

Species Diversity Ratings

Animal Species Diversity: 6

Plant Species Diversity: 6

Special Species:

Site I.D.:WGM-326

Other Evaluation Items

Pristine Quality:	6	Human Disturbance:	4
Ecosystem Function:	8	Livestock Disturbance:	4
Restoration Potential:	2 see memo	Current Human Use:	
Wildlife Conflicts:	1		

Additional Site Characteristics

Habitat Types: WET GRASSY MEADOW STREAM SEDGE MEADOW RIPARIAN FOREST
Important Nearby Features:BOULDER CREEK CORRIDOR
Physical Features:MEANDERING PERMANENT STREAM UPLANDS

Red Flag (Y/N): N	Area (Acres):	0.0
Corridor (Y/N): Y	Elevation (feet):	5200
Literature:	Ownership:	PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: WGM-326

Justification for Overall Quality Rating:

Meandering stream through agricultural area. Some large cottonwoods and small Russian olives. Native species in sedge meadows. Only a little cover.

Restoration Potential:

Establish a 25-foot corridor along each side of the stream. Remove grazing and plant cottonwoods, peach-leaved willow trees and native shrubs.

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: WGM-327 Site Description: DRY CREEK SOUTHWEST OF 75TH STREET	Location: T1N R70W SEC36 SW1/4
Overall Habitat Quality Rating: 3	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 4 Raptors: 2 Water Birds: 2 Deer: 2 Prairie Dogs: Herptiles:	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 3 SMALL MAMMALS Other Birds:
Species Diversity Ratings	
Animal Species Diversity: 5 Plant Species Diversity: 3	
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: WGM-327	Other Evaluation Items
Pristine Quality: 2 Ecosystem Function: 3 Restoration Potential: 9 see memo Wildlife Conflicts:	Human Disturbance: 5 Livestock Disturbance: 7 Current Human Use: 1
Additional Site Characteristics	
Habitat Types: WET GRASSY MEADOW STREAM see memo Important Nearby Features: IRRIGATION DITCH AND SCATTERED TREES Physical Features: MEANDERING PERENNIAL STREAM Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): Y Elevation (feet): 5350 Literature: Ownership: PRIVATE	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: WGM-327

Justification for Overall Quality Rating:

Scattered cottonwoods and willows along perennial stream. Heavily used agriculturally.

Restoration Potential:

A narrow (25-foot) corridor along each side of the creek removed from agriculture would serve to protect the stream from agricultural run-off and sedimentation. It would also allow for establishment of native grasslands and shrublands which would increase the overall habitat quality rating. Nearby grazing likely causes water quality problems.

Additional Habitat Types:

IRRIGATED DEVELOPED PASTURE CULTIVATED CROPLAND RIPARIAN FOREST

Site I.D.: MGP-328

Location: T1N R70W SEC36 see memo

Site Description: HOOVER HILL

Overall Habitat Quality Rating: 7

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 7	Mountain Lion:
Raptors: 9	Black Bear:
Water Birds:	Badger:
Deer: 4	Turkey:
Prairie Dogs:	Other Mammals: 8 MEDIUM AND SMALL
Herptiles: 3 SNAKES	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 6

Plant Species Diversity: 7

Special Species:

Site I.D.: MGP-328

Other Evaluation Items

Pristine Quality: 5	Human Disturbance: 6
Ecosystem Function: 7	Livestock Disturbance: 5
Restoration Potential: 3 see memo	Current Human Use: 6
Wildlife Conflicts: 2	

Additional Site Characteristics

Habitat Types: MIXED GRASS PRAIRIE DRYLAND DEVELOPED PASTURE
 Important Nearby Features: BASELINE AND VALMONT RESERVOIRS
 Physical Features: GENTLY ROLLING UPLAND

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5350
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-328

Justification for Overall Quality Rating:

Significant upland area with high visibility. Prairie remnants. Good raptor and small mammal habitat.

Restoration Potential:

Control annual rye and cheatgrass by mowing. Monitor or eliminate grazing.

Complete Location Information:

T1N R7OW SEC36 NW1/4; SEC35 NE1/4

Site I.D.: IRD-329

Location: T1S R70W SEC25 see memo

Site Description: SOUTH BOULDER CANYON DITCH

Overall Habitat Quality Rating: 5

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds:	7	Mountain Lion:	
Raptors:	7	Black Bear:	
Water Birds:	2	Badger:	
Deer:	4	Turkey:	
Prairie Dogs:		Other Mammals:	7 MEDIUM SIZED
Herptiles:		Other Birds:	

Species Diversity Ratings

Animal Species Diversity: 5

Plant Species Diversity: 5

Special Species:

Site I.D.: IRD-329

Other Evaluation Items

Pristine Quality:	2	Human Disturbance:	4
Ecosystem Function:	4	Livestock Disturbance:	4
Restoration Potential:	3	Current Human Use:	4
Wildlife Conflicts:	2		

Additional Site Characteristics

Habitat Types: IRRIGATION DITCH OPEN WATER POND
Important Nearby Features: PRAIRIE DOG TOWN MIXED GRASS PRAIRIE
Physical Features: IRRIGATION DITCH

Red Flag (Y/N): N
Corridor (Y/N): Y
Literature:

Area (Acres): 0.0
Elevation (feet): 5350
Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: IRD-329

Justification for Overall Quality Rating:

Irrigation ditch with some large trees and native shrubs and grasses. Large trees important for raptors especially on south end near native grassland and prairie dog town.

Complete Location Information:

T1S R70W SEC2 SE1/4; SEC1 NW1/4

Site I.D.: MGP-330

Location: T1S R70W SEC2 SE1/4

Site Description: HILLTOP NORTH OF S BOULDER ROAD; 1 MI E OF BASELINE RES

Overall Habitat Quality Rating: 7

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 7	Mountain Lion:
Raptors: 8	Black Bear:
Water Birds:	Badger:
Deer: 3	Turkey:
Prairie Dogs:	Other Mammals: 8 MEDIUM SIZED
Herptiles: 2 SNAKES	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 5

Plant Species Diversity: 6

Special Species:

Site I.D.: MGP-330

Other Evaluation Items

Pristine Quality: 7	Human Disturbance: 3
Ecosystem Function: 8	Livestock Disturbance: 2
Restoration Potential: 8 see memo	Current Human Use: 3
Wildlife Conflicts: 1	

Additional Site Characteristics

Habitat Types: MIXED GRASS PRAIRIE DRYLAND DEVELOPED PASTURE
 Important Nearby Features: PRAIRIE DOG TOWN IRRIGATION DITCH TREES
 Physical Features: PROMINENT UPLAND HILL CREST

Red Flag (Y/N): N
 Corridor (Y/N): N
 Literature:

Area (Acres): 0.0
 Elevation (feet): 5350
 Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-330

Justification for Overall Quality Rating:

Mixed grass prairie with some developed pasture. Moderately grazed.

Restoration Potential:

Reduce grazing to allow more cover to develop for wildlife.

Site I.D.: SGP-331

Location: T1S R70W SEC2 SE1/4

Site Description: PRAIRIE DOG TOWN N OF S BLDR ROAD; 1 MI E OF BASE. RES

Overall Habitat Quality Rating: 9

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 4	Mountain Lion:
Raptors: 9	Black Bear:
Water Birds:	Badger:
Deer:	Turkey:
Prairie Dogs: 9	Other Mammals: 8 MEDIUM SIZED
Herptiles: 5 SNAKES	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 6

Plant Species Diversity: 6

Special Species:

Site I.D.: SGP-331

Other Evaluation Items

Pristine Quality: 8	Human Disturbance: 2
Ecosystem Function: 9	Livestock Disturbance: 4
Restoration Potential: 1	Current Human Use: 1
Wildlife Conflicts: 1	

Additional Site Characteristics

Habitat Types: SHORTGRASS PRAIRIE PRAIRIE DOG TOWN IRRIGATION DITCH
 Important Nearby Features: IRRIGATION DITCH AND RESERVOIR W/TREES
 Physical Features: GENTLY ROLLING PRAIRIE

Red Flag (Y/N): N

Area (Acres): 0.0

Corridor (Y/N): N

Elevation (feet): 5350

Literature:

Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: SGP-331

Justification for Overall Quality Rating:

Excellent short grass prairie - prairie dog town. Good model for restoration of other Boulder Valley prairie dog town sites.

Site I.D.: MGP-332 Location: T1S R70W SEC11 NE1/4
 Site Description: HILL SOUTH OF SOUTH BOULDER ROAD SOUTHWEST OF ABBEY

Overall Habitat Quality Rating: 8

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 7	Mountain Lion:
Raptors: 8	Black Bear:
Water Birds:	Badger:
Deer: 3	Turkey:
Prairie Dogs: 6	Other Mammals: 6 MEDIUM SIZED
Herptiles: 1 SNAKES	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 6 Plant Species Diversity: 7

Special Species:

Site I.D.: MGP-332 Other Evaluation Items

Pristine Quality: 8	Human Disturbance: 3
Ecosystem Function: 9	Livestock Disturbance: 2
Restoration Potential: 1	Current Human Use: 3
Wildlife Conflicts: 2	

Additional Site Characteristics

Habitat Types: MIXED GRASS PRAIRIE IRRIGATION DITCH
 Important Nearby Features: SOUTH BOULDER CANYON DITCH CORRIDOR
 Physical Features: GENTLY ROLLING UPLAND AREA

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5350
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-332

Justification for Overall Quality Rating:

Relatively pristine upland prairie. Some introduced species.

Site I.D.: IRD-333 Location: T1S R70W SEC11 NW1/4
 Site Description: SOUTH BOULDER CANYON DITCH S OF SOUTH BOULDER ROAD

Overall Habitat Quality Rating: 4

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 6	Mountain Lion:
Raptors: 4	Black Bear:
Water Birds: 2	Badger:
Deer: 2	Turkey:
Prairie Dogs:	Other Mammals: 5 MEDIUM SIZED
Herptiles:	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 4 Plant Species Diversity: 3

Special Species:

Site I.D.: IRD-333 Other Evaluation Items

Pristine Quality: 2	Human Disturbance: 3
Ecosystem Function: 4	Livestock Disturbance: 3
Restoration Potential: 1	Current Human Use:
Wildlife Conflicts: 4	

Additional Site Characteristics

Habitat Types: IRRIGATION DITCH SCATTERED TREES
 Important Nearby Features:
 Physical Features: DITCH FLOWING ACROSS PASTURE LAND

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): Y	Elevation (feet): 5350
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: IRD-333

Justification for Overall Quality Rating:

Scattered cottonwoods and Russian olives along ditch that runs through pasture.

Site I.D.: PLR-334

Location: T1S R70W SEC11 NE1/4

Site Description: POND 3/4 MILE SOUTHEAST OF ABBEY

Overall Habitat Quality Rating: 6

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 6	Mountain Lion:
Raptors: 5	Black Bear:
Water Birds: 7	Badger:
Deer: 3	Turkey:
Prairie Dogs:	Other Mammals: 6 MEDIUM SIZED
Herptiles: 3 SNAKES TURTLES	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 5

Plant Species Diversity: 2

Special Species:

Site I.D.: PLR-334

Other Evaluation Items

Pristine Quality: 2	Human Disturbance: 5
Ecosystem Function: 4	Livestock Disturbance: 2
Restoration Potential: 6 see memo	Current Human Use: 3
Wildlife Conflicts: 1	

Additional Site Characteristics

Habitat Types: POND IRRIGATION DITCH SEDGE MEADOW see memo
 Important Nearby Features: LARGE PRAIRIE UPLAND
 Physical Features: MAN MADE POND AND IRRIGATION DITCH

Red Flag (Y/N): N
 Corridor (Y/N): Y
 Literature:

Area (Acres): 0.0
 Elevation (feet): 5350
 Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PLR-334

Justification for Overall Quality Rating:

Pond in developed pasture adjacent to mixed grass prairie. A few large trees along ditch. Smooth brome (an introduced species) is one of the major species. The presence of water increases the value of the site.

Restoration Potential:

Planting shrub thickets in some of the more moist areas would increase the habitat diversity and improve the overall quality of the site.

Additional Habitat Types:

DRYLAND DEVELOPED PASTURE

Site I.D.: MGP-335 Location: T1S R70W SEC11 E1/2
 Site Description: HILLTOP 0.5 MILES SE OF ABBEY ON SOUTH BOULDER ROAD

Overall Habitat Quality Rating: 8

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 8	Mountain Lion:
Raptors: 8	Black Bear:
Water Birds:	Badger:
Deer: 2	Turkey:
Prairie Dogs:	Other Mammals: 8 MEDIUM SIZED
Herptiles: 3 SNAKES	Other Birds: 4

Species Diversity Ratings

Animal Species Diversity: 6 Plant Species Diversity: 9

Special Species:

Site I.D.: MGP-335 Other Evaluation Items

Pristine Quality: 7	Human Disturbance: 2
Ecosystem Function: 8	Livestock Disturbance: 3
Restoration Potential: 8	Current Human Use: 1
Wildlife Conflicts:	

Additional Site Characteristics

Habitat Types: MIXED GRASS PRAIRIE DRYLAND DEVELOPED PASTURE
 Important Nearby Features:
 Physical Features:

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5350
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-335

Justification for Overall Quality Rating:

Moderately grazed, large upland prairie site. Good species diversity.
Scattered shrubs. Some seeded areas.

Restoration Potential:

Clean up dump and eliminate grazing to increase cover.

Site I.D.: MGP-336

Location: T1S R70W SEC21 NW1/4

Site Description: NORTH FACING SLOPE BELOW MESA SWIM CLUB

Overall Habitat Quality Rating: 9

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 7	Mountain Lion: 5 TRACKS
Raptors: 8	Black Bear:
Water Birds:	Badger:
Deer: 3	Turkey:
Prairie Dogs:	Other Mammals: 7 SMALL
Herptiles: 5 SNAKES	Other Birds: 4

Species Diversity Ratings

Animal Species Diversity: 5

Plant Species Diversity: 8

Special Species:

Site I.D.: MGP-336

Other Evaluation Items

Pristine Quality: 8	Human Disturbance: 2
Ecosystem Function: 9	Livestock Disturbance:
Restoration Potential: 9 see memo	Current Human Use: 1
Wildlife Conflicts: 3	

Additional Site Characteristics

Habitat Types: MIXED GRASS PRAIRIE IRRIGATION DITCH
 Important Nearby Features: FOOTHILLS TALL GRASS PRAIRIE
 Physical Features: STEEP N-FACING SLOPE

Red Flag (Y/N): Y see memo	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5600
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-336

Justification for Overall Quality Rating:

Very clean mixed grass prairie with good diversity.

Restoration Potential:

Control weeds at bottom of slope. Remove concrete and other debris at the top of the slope.

Red Flag:

This is a relatively ungrazed and undisturbed mixed grass prairie site that is worth preserving. Reported by CU botanists as being an ungrazed site.

Site I.D.: RPF-337

Location: T1S R70W SEC20 see memo

Site Description: SOUTH BOULDER CREEK FLOODPLAIN WEST OF S. BROADWAY

Overall Habitat Quality Rating: 7

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds:	10	Mountain Lion:	6 ACTUAL
Raptors:	10	Black Bear:	
Water Birds:	2	Badger:	
Deer:	8	Turkey:	
Prairie Dogs:		Other Mammals:	8 SMALL AND MEDIUM
Herptiles:	4 BULL SNAKES	Other Birds:	

Species Diversity Ratings

Animal Species Diversity: 8

Plant Species Diversity: 9

Special Species: MOUNTAIN LION BOBCAT

Site I.D.: RPF-337

Other Evaluation Items

Pristine Quality:	6	Human Disturbance:	6
Ecosystem Function:	9	Livestock Disturbance:	4
Restoration Potential:	1 see memo	Current Human Use:	8
Wildlife Conflicts:	4		

Additional Site Characteristics

Habitat Types: RIPARIAN FOREST MIXED PLAINS SHRUBLAND STREAM see memo
 Important Nearby Features: FOOTHILLS OPEN SPACE
 Physical Features:

Red Flag (Y/N):	N	Area (Acres):	0.0
Corridor (Y/N):	Y	Elevation (feet):	5800
Literature:		Ownership:	PRIVATE

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COMMENTS FOR SITE: RPF-337

Justification for Overall Quality Rating:

Many large trees. Dense shrubs and small trees in forest understory. Homes in area detract from the overall quality.

Restoration Potential:

Limited weed control. Control grazing and restore understory.

Additional Habitat Types:

TALL GRASS PRAIRIE

Complete Location Information:

T1S R70W SEC20 SE1/4; SEC21 NW1/4; SEC29 NW1/4

Site I.D.: PPS-338 Location: T1S R70W SEC30 see memo
 Site Description: ELDORADO SPRINGS

Overall Habitat Quality Rating: 7

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 10	Mountain Lion: 7 ACTUAL
Raptors: 7	Black Bear: 3 POTENTIAL
Water Birds:	Badger: 7 ACTUAL
Deer: 10	Turkey:
Prairie Dogs:	Other Mammals: 7 SMALL AND MEDIUM
Herptiles: 8 SNAKES	Other Birds: 3

Species Diversity Ratings

Animal Species Diversity: 9 Plant Species Diversity: 8

Special Species: PRAIRIE FALCON PEREGRINE FALCON MOUNTAIN LION

Site I.D.: PPS-338 Other Evaluation Items

Pristine Quality: 6	Human Disturbance: 4
Ecosystem Function: 7	Livestock Disturbance:
Restoration Potential: 1	Current Human Use: 9
Wildlife Conflicts: 3	

Additional Site Characteristics

Habitat Types: PONDEROSA PINE SAVANNA MIXED MOUNTAIN SHRUBLAND see memo
 Important Nearby Features: FOOTHILLS OPEN SPACE ELDORADO ST. PARK
 Physical Features: ROCKY STEEP VALLEY STREAM

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): Y	Elevation (feet): 6000-6200
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: PPS-338

Justification for Overall Quality Rating:

Open ponderosa pine savanna with scattered shrub thickets. More dense shrublands in the valley bottom.

Additional Habitat Types:

MIXED GRASS PRAIRIE ROCK OUTCROPS STREAM

Complete Location Information:

T1S R70W SEC30 SW1/4; SEC31 NW1/4;

T1S R71W SEC25 (UNPLATTED) SE1/4

City of Boulder Wildlife Habitat Data Base Page 1 of 2	
Site I.D.: MPS-339 Site Description: DAVIDSON MESA	Location: T1S R70W SEC15 SW1/4
Overall Habitat Quality Rating: 8	
Habitat Ratings (1-10; Low to High) for Key Species/Species Groups	
Songbirds: 8 Raptors: 8 Water Birds: 8 Deer: 8 Prairie Dogs: 8 Herptiles: 6 SNAKES	Mountain Lion: Black Bear: Badger: Turkey: Other Mammals: 8 SMALL AND MEDIUM Other Birds: 8
Species Diversity Ratings	
Animal Species Diversity: 7	Plant Species Diversity: 8
Special Species:	

City of Boulder Wildlife Habitat Data Base Page 2 of 2	
Site I.D.: MPS-339	Other Evaluation Items
Pristine Quality: 6 Ecosystem Function: 8 Restoration Potential: 2 Wildlife Conflicts: 1	Human Disturbance: 4 Livestock Disturbance: Current Human Use: 4
Additional Site Characteristics	
Habitat Types: MIXED PLAINS SHRUBLAND TALL GRASS PRAIRIE see memo Important Nearby Features: DAVIDSON MESA MARSHALL MESA Physical Features: SOUTH FACING SLOPE WITH SMALL OUTCROPS Red Flag (Y/N): N Area (Acres): 0.0 Corridor (Y/N): N Elevation (feet): 5600 Literature: ? see memo Ownership: PRIVATE	

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MPS-339

Justification for Overall Quality Rating:

This site is just a portion of Davidson Mesa. The habitats represent continuation of the Mesa as a whole. Mixed plains shrublands and grasslands. Some disturbance from past mining and access.

Additional Habitat Types:

MIXED GRASS PRAIRIE ROCK OUTCROPS SCATTERED TREES

Literature:

There may be a report: Davidson Mesa Natural Area Study. University of Colorado Department of Geography.

Listed as a unique geological feature in the Boulder Valley Comprehensive Plan, June 1990.

Site I.D.: MGP-340 Location: T1S R70W SEC14 NE1/4
 Site Description: PASTURE SOUTHWEST OF HIGHWAY 36 ON DAVIDSON MESA

Overall Habitat Quality Rating: 3

Habitat Ratings (1-10; Low to High) for Key Species/Species Groups

Songbirds: 2	Mountain Lion:
Raptors: 3	Black Bear:
Water Birds:	Badger:
Deer:	Turkey:
Prairie Dogs:	Other Mammals: 3 SMALL AND MEDIUM
Herptiles: 2	Other Birds:

Species Diversity Ratings

Animal Species Diversity: 4 Plant Species Diversity: 4

Special Species:

Site I.D.: MGP-340 Other Evaluation Items

Pristine Quality: 3	Human Disturbance: 2
Ecosystem Function: 2	Livestock Disturbance: 8
Restoration Potential: 5 see memo	Current Human Use: 2
Wildlife Conflicts: 3	

Additional Site Characteristics

Habitat Types: MIXED GRASS PRAIRIE SHORT GRASS PRAIRIE
 Important Nearby Features: DAVIDSON MESA
 Physical Features: ROLLING PRAIRIE HILLS AND DRAINAGE

Red Flag (Y/N): N	Area (Acres): 0.0
Corridor (Y/N): N	Elevation (feet): 5600
Literature:	Ownership: PRIVATE

City of Boulder Wildlife Habitat Data Base

COMMENTS FOR SITE: MGP-340

Justification for Overall Quality Rating:

Heavily grazed horse pasture on east end of Davidson Mesa.

Restoration Potential:

To improve the damage caused by over grazing it would be necessary to control the weeds and seed native species.

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Koemmerer/Koemmerer