



CRESTONE PEAK
RESOURCES



WILDLIFE PROTECTION PLAN & ENVIRONMENTAL ASSESSMENT

FOR

Alamosa 5-64 6-1 Pad

Prepared For:



COLORADO
Oil & Gas Conservation
Commission
Department of Natural Resources

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1. INTRODUCTION

This Wildlife Protection Plan (WPP) was prepared by RPG Resources (RPG), on behalf of Crestone Peak Resources (Civitas Resources, Inc.), for the proposed Alamosa 5-64 6-1 Pad. This plan was prepared to adhere to the Colorado Oil and Gas Conservation Commission’s (COGCC) updated rules pursuant to 304.c.(17) & 1201.a for Oil and Gas Locations located outside High Priority Habitats. The WPP serves as a framework for wildlife protection and a communication tool to foster cooperative relationships between Crestone Peak Resources (CPR) and its stakeholders. Implementation of this plan will serve to avoid and minimize adverse effects to wildlife populations, their associated habitats, and their respective productivity levels in anticipation of the development of oil and gas resources by CPR.

This WPP addresses CPR’s plans to comply with all applicable operating requirements and includes a site-specific environmental assessment. Additional measures may be implemented based on any new environmental constraints that arise or site-specific recommendations.

2. SITE DESCRIPTION

CPR’s Alamosa 5-64 6-1 (Site) is located in Sections 5 and 6 of Township 4 South, Range 64 West, in an unincorporated area of Arapahoe County, CO. Proposed development of the location includes the development one new multi-well pad and an associated road for Site access. Boundaries of the Site are defined as the limits of disturbance.

The Site is in the Western Great Plains Range and Irrigated Region Land Resource Region (LRR) of the Central High Plains, Southern Part Major Land Resource Region (MLRA; NRCS 2006). The field-verified surrounding land type is native grassland dominated by Spanish bayonet (*Yucca glauca*), western wheatgrass (*Pascopyrum smithii*), blue grama grass (*Bouteloua gracilis*), and prairie three-awn (*Aristida purpurea*).

3. OPERATING REQUIREMENTS

Below is a review of the operating requirements described in COGCC Rule 1202 and CPR’s plans to adhere to those which are applicable to the Site. CPR’s contractors will also comply with all applicable operating requirements.

a. *The operating requirements identified in Rule 1202.a apply to Oil and Gas Operations statewide unless the Operator obtains a signed waiver from Colorado Parks and Wildlife (CPW) and the Director or Commission approves a Form 4, Sundry Notice or Form 2A documenting the relief.*

(1) *In black bear habitat, Operators will install and utilize bear-proof dumpsters and trash receptacles for food-related trash at all facilities that generate trash.*

The Site is not located within black bear habitat.

(2) *Operators will disinfect water suction hoses and water transportation Tanks withdrawing from or discharging into surface waters (other than contained Pits) used previously in another river, intermittent or perennial stream, lake, pond, or wetland and discard rinse water in an approved disposal facility. Disinfection practices will be repeated prior to completing work and before moving to the next waterbody. Disinfection will be performed by scrubbing and pre-rinsing*

equipment away from water bodies to remove all mud, plants, and organic materials and then by implementing one of the following practices:

- A. Spray/soak equipment with a CPW-approved disinfectant solution capable of killing whirling disease spores and other aquatic nuisance species defined by CPW; or*
- B. Spray/soak equipment with water greater than 140° Fahrenheit for at least 10 minutes. All equipment and any compartments they contain will be completely drained and dried between each use.*

CPR will not be withdrawing from or discharging into any surface waters.

- (3) At new and existing Oil and Gas Locations, Operators will not situate new staging, refueling, or Chemical storage areas within 500 feet of the Ordinary High Water Mark (“OHWM”) of any river, perennial or intermittent stream, lake, pond, or wetland.*

There will be no new staging, refueling, or chemical storage areas within 500 feet of the OHWM of any river, perennial or intermittent stream, lake, pond, or wetland. (The closest potential feature is >500 feet from the proposed Working Pad Surface.)

- (4) To prevent access by wildlife, including birds and bats, Operators will fence and net or install other CPW-approved exclusion devices on new Drilling Pits, Production Pits, and other Pits associated with Oil and Gas Operations that are intended to contain Fluids.*
 - A. Such fencing and netting or other CPW-approved exclusion device will be installed within 5 days after the cessation of active drilling and completion activities and maintained until the Pit is removed from service and dried or closed pursuant to the Commission’s 900 Series Rules.*
 - B. The Director may require an operator to fence and net or install other CPW-approved exclusion devices on an existing Pit if the Director determines that the installation is necessary and reasonable to protect Wildlife Resources based on the analysis required by Rule 909.j, or other information that demonstrates additional protections for Wildlife Resources are appropriate.*
 - C. Operators will properly maintain and repair all fences, nets, and CPW-approved exclusion devices required by this Rule 1202.a.(4).*

The Site will not include Drilling Pits, Production Pits, or other Pits associated with Oil and Gas Operations.

- (5) For trenches that are left open for more than 5 consecutive days during construction of Pipelines regulated pursuant to the Commission’s 1100 Series Rules, Operators will install wildlife escape ramps at a minimum of one ramp per 1/4 mile of trench.*

If a trench is left open for more than 5 consecutive days during pipeline construction, CPR will install wildlife escape ramps at a minimum of one ramp per ¼ mile of trench.

- (6) *When conducting interim and final Reclamation pursuant to Rules 1003 and 1004, Operators will use CPW-recommended seed mixes for Reclamation when consistent with the Surface Owner's approval and any local soil conservation district requirements.*

CPR will use CPW-recommended seed mixes for interim and final reclamation when consistent with the Surface Owner's approval and any local soil conservation district requirements.

- (7) *Operators will use CPW-recommended fence designs when consistent with the Surface Owner's approval and any Relevant Local Government requirements.*

CPR will use CPW-recommended fence designs with consistent with the Surface Owner's approval and any Relevant Local Government requirements.

- (8) *Operators will conduct all vegetation removal necessary for Oil and Gas Operations outside of the nesting season for migratory birds (April 1 to August 31). For any vegetation removal that must be scheduled between April 1 to August 31, Operators may implement appropriate hazing or other exclusion measures prior to April 1 to avoid take of migratory birds. If hazing or other exclusion measures are not implemented, Operators will conduct pre-construction nesting migratory bird surveys within the approved disturbance area prior to any vegetation removal during the nesting season. If active nests are located, Operators will provide work zone buffers around active nests.*

CPR will conduct all vegetation removal necessary for Oil and Gas Operations outside of the nesting season for migratory birds (April 1 to August 31). For any vegetation removal that must be scheduled between April 1 to August 31, CPR will implement appropriate hazing or other exclusion measures prior to April 1. If hazing or other exclusion measures are not implemented, CPR will assign a qualified contractor to conduct pre-construction nesting migratory bird surveys within the approved disturbance area prior to any vegetation removal during the nesting season. If active nest(s) are located, CPR will establish work zone buffers around active nests.

- (9) *Operators will treat Drilling Pits, Production Pits, and any other Pit associated with Oil and Gas Operations containing water that provides a medium for breeding mosquitoes with Bti (*Bacillus thuringiensis v. israelensis*) or take other effective action to control mosquito larvae that may spread West Nile virus to Wildlife Resources. Such treatment will be conducted in a manner which will not adversely affect aquatic Wildlife Resources.*

The Site will not include Drilling Pits, Production Pits, or other Pits associated with Oil and Gas Operations.

- (10) *Operators will employ the following minimum Best Management Practices on new Oil and Gas Locations with a Working Pad Surface located between 500 feet and 1000 feet hydraulically upgradient from a High Priority Habitat identified in Rule 1202.c.(1). Q–S:*

- A. *Contain Flowback and Stimulation Fluids in Tanks that are placed on a Working Pad Surface in an area with downgradient perimeter berming;*
- B. *Construct lined berms or other lined containment devices pursuant to Rule 603.o around any new crude oil, condensate, and produced water storage Tanks that are installed after January 15, 2021;*

- C. *Inspect the Oil and Location on a daily basis, unless the approved Form 2A provides for different inspection frequency or alternative method of compliance;*
- D. *Maintain adequate Spill response equipment at the Oil and Gas Location during drilling and completion operations; and*
- E. *Not construct or utilize any Pits, except that Operators may continue to utilize existing Pits that were properly permitted, constructed, operated, and maintained in compliance prior to January 15, 2021.*

The Site is not located between 500 feet and 1000 feet hydraulically upgradient from a High Priority Habitat identified in Rule 1202.c.(1). Q-S.

- b. *Operators will bore, rather than trench, Flowline and utility crossings of perennial streams identified as aquatic High Priority Habitat unless the Operator obtains a signed waiver from CPW and the Director or Commission approves a Form 4 or Form 2A documenting the relief. When installing culverts or bridges, such structures will not impact or prevent the passage of fish unless otherwise directed by CPW.*

Flowlines and utilities associated with the Site will not cross any perennial streams identified as aquatic High Priority Habitat.

Rules 1202.c and 1202.d describe operating requirements for proposed Oil and Gas Operations that are located within High Priority Habitats. This plan addresses proposed locations that are located outside of High Priority Habitat and, therefore, these rules do not apply to any locations for which this plan is provided.

4. GENERAL PROTECTION MEASURES & BMPs

CPR strives to avoid and minimize impacts to wildlife by incorporating general and site-specific guidance into development plans and project design. In addition to the above-discussed standard operating requirements, additional wildlife protection measures are considered and implemented as appropriate for each project.

When possible, seasonal avoidance of important breeding, nesting, and winter habitats is the primary protection measure to reduce oil and gas development impacts on wildlife populations, productivity, and habitat use. Consultation with CPW and/or other wildlife agencies may be initiated to determine which other site-specific protection measures, if any, should be included in each project. Data collected during preliminary survey efforts is considered during project planning and design, and subsequent follow-up surveys and/or monitoring efforts are scheduled as needed. Protection measures are not limited to those identified in wildlife plans, and CPR recognizes the nature of fluctuating wildlife conditions and remains adaptable to new wildlife constraints that may arise.

Additionally, CPR will implement the following general wildlife BMPs:

- CPR will ensure all personnel and contractors are aware of and adhere to all applicable wildlife mitigation measures and BMPs;

- CPR personnel and contractors will not harm any wildlife observed on site and will maintain recommended buffer distances related to wildlife;
- CPR personnel and contractors will report any wildlife concerns, including the discovery of injured or orphaned wildlife, to on-site management and applicable EHSR personnel;
- CPR will consult CPW, and/or any other applicable agencies, upon the discovery of new wildlife constraints, as needed;
- CPR will use qualified third-party contractors for wildlife surveys, monitoring, and other consultation purposes; and
- CPR and/or its contractors will document any wildlife-related issues or changes.

5. ENVIRONMENTAL SITE ASSESSMENT

RPG conducted a comprehensive Environmental Site Assessment (ESA) of the proposed Site and provided recommendations based on site-specific observations. RPG's considerations included, but were not limited to, resources protected under the Bald and Golden Eagle Protection Act (BGEPA), Migratory Bird Treaty Act (MBTA), Endangered Species Act, Colorado Nongame, Endangered, or Threatened Species Conservation Act, and the Clean Water Act (CWA). The ESA included a desktop review of aerial imagery, agency-mapped sensitive natural resources, and a site-specific U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) report. Following the desktop review, RPG conducted a field survey on February 10, 2022 to assess the potential for other protected or sensitive natural resources to be impacted by operations. Detailed results of the ESA are provided in Appendix A and an Environmental Site Map is provided in Appendix B.

5.1. Eagles

There is suitable nesting habitat for bald eagles (*Haliaeetus leucocephalus*) within ½ mile of the Site; however, no nests or nesting activity were observed during the field survey. There are no CPW-mapped bald eagle winter night roost areas within ½ mile of the Site.

There is no suitable nesting habitat for golden eagles (*Aquila chrysaetos*) within ½ mile of the Site.

If work begins between December 1 and July 31, bald eagle nesting surveys will be conducted by qualified biologists within approximately one week of the start of construction.

5.2. Burrowing Owls

Suitable burrowing owl (*Athene cunicularia*) habitat (i.e., prairie dog town) was identified within ¼ mile of the Site; however, no burrowing owls were observed during the assessment (conducted outside the typical Colorado burrowing owl season).

If operations are scheduled to commence between March 15 and October 31, burrowing owl surveys will be conducted by qualified biologists to determine potential presence or absence of this species within ¼ mile of the Site. If burrowing owls are determined to be present, CPW will be consulted prior to the start of construction to establish additional wildlife conservation BMPs, as necessary.

5.3. Other Raptors

There is one non-eagle raptor nest approximately 0.29 mile west of the Site, which was inactive at the time of the field survey. No raptor nesting activity was observed at the time of the field survey. Additional suitable raptor nesting habitat, including trees and artificial structures (e.g. utility poles and oil and gas structures), were observed within ½ mile of the Site.

If work begins between February 1 and July 31, raptor nesting surveys will be conducted by qualified biologists within approximately one week of the start of construction.

5.4. Migratory Birds

The Site assessment was conducted outside the standard Colorado non-raptor migratory bird nesting season. No nests or nesting activity were observed; however, suitable nesting habitat, including surface topography, vegetation, and artificial structures, is present at and immediately surrounding the Site.

If work begins between April 1 and August 31, migratory bird nesting surveys will be conducted by qualified biologists within one week of the start of construction.

5.5. Threatened, Endangered, and Candidate Species

The IPaC report included six (6) federally listed threatened, endangered, or candidate species that have potential to exist within or in the immediate vicinity of the Site. These species include: the Preble's meadow jumping mouse (*Zapus hudsonius preblei*), piping plover (*Charadrius melodus*), Ute ladies'-tresses (*Spiranthes diluvialis*), western prairie fringed orchid (*Platanthera praeclara*), monarch butterfly¹ (*Danaus plexippus*), and pallid sturgeon (*Scaphirhynchus albus*). No suitable habitat for any of these species was identified at the Site.

The burrowing owl is the only Colorado state-listed threatened or endangered (T&E) species that has potential to occur at the Site, which is discussed above in Section 5.2.

The Site is located within the CPW-mapped overall range for the swift fox, a Colorado Species of Special Concern. One non-prairie dog mammal burrow was identified during the field survey; however, the structure did not exhibit physical characteristics (e.g., pronounced tailings) typical of swift fox construction and use. No swift fox activity was observed during the field survey.

If work begins between March 15 and June 15 (while swift fox kits are den-dependent), surveys for swift fox occupancy will be conducted by qualified biologists. If potentially active dens are identified, game cameras will be established and monitored. If any active swift fox dens are confirmed to be present, CPW will be consulted prior to the start of construction to establish additional wildlife conservation BMPs, as necessary. No further action is recommended for *federally* listed species.

¹ The monarch butterfly is currently a USFWS candidate species and is not yet listed as threatened or endangered. There are generally no section 7 requirements for candidate species; however, efforts to conserve this species and its associated habitats are strongly encouraged while an official federal listing determination is being considered.

5.6. Wetlands, Waters of the U.S., and Floodplains

There are four (4) NHD/NWI stream/riverine features and one (1) NWI freshwater pond mapped within ½ mile of the Site; however, all are greater than 1000 feet from the Site and do not pose a constraint to the project.

There is one unmapped potential wetland approximately 550 feet southeast of the proposed Working Pad Surface (approximately 440 feet east-southeast of the proposed Site boundaries); no impacts to this feature are expected to occur and no chemical/fuel storage will occur within 500 feet of it. No other potential wetlands or waters were observed around the Site.

The Site is not located within a Federal Emergency Management Agency (FEMA)-mapped 100-year floodplain. The closest mapped 100-year floodplain is greater than one mile from the Site.

No further action is recommended.

5.7. Noxious Weeds and Vegetation

Cheat grass (*Bromus tectorum*), a Colorado State List C noxious weed, was observed throughout the Site.

No further action is recommended at this time; however, noxious weed management may be necessary during interim and final reclamation phases of development to limit establishment of this species until adequate vegetative stabilization is achieved at the Site.

5.8. High Priority Habitats

The Site is not located within any CPW-mapped High Priority Habitats.

No further action is recommended.

5.9. Safety or Other Concerns

No safety issues or other concerns were identified at the Site.

No further action is recommended.

6. SUMMARY

The Site is not located within any mapped High Priority Habitats. Therefore, a Wildlife Mitigation Plan is not needed per COGCC Rule 1201.b. and this Wildlife Protection Plan fulfills the obligations of COGCC Rule 1201.a.

No active wildlife constraints were observed at the time of the field survey. However, suitable nesting habitat for raptors, including eagles and burrowing owls, and other migratory birds was identified within applicable CPW-recommended species-specific buffers. **If operations will begin between December 1 and October 31, burrowing owl surveys and/or raptor and migratory bird nesting surveys will be conducted by qualified biologists in accordance with agency-recommended protocols, as needed. If active nests are observed within applicable CPW-recommended species-specific buffers, CPW will be consulted and appropriate mitigation measures will be implemented as needed.**

No impacts to any wetlands, waters of the U.S., or floodplains are expected as a result of project activities associated with the Site.

CPR and all associated contractors agree to adhere to all relevant operating requirements outlined in this WPP. In addition to the standard operating requirements, supplementary measures and protocols may be implemented in response to specific needs identified at the Site.

PHOTOS



1. From southeastern edge of proposed pad looking northwest.



2. Near southern edge of proposed pad looking south towards proposed access road.



3. Along proposed access road looking north towards proposed pad.



4. Near southwest corner of pad looking east along south perimeter.



5. Near southwest corner of pad looking southeast along upland swale. No wetland vegetation or ordinary high-water mark observed.



6. Beyond west perimeter of Site looking southwest along upland swale feature. No wetland vegetation or ordinary high-water mark observed.



7. Beyond west perimeter of Site looking southwest along upland swale feature. No wetland vegetation or ordinary high-water mark observed.



8. Beyond west perimeter of Site looking west along upland swale feature and a potential raptor nest. The nest was inactive at the time of survey.

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- Colorado Parks and Wildlife. Species Profiles. <https://cpw.state.co.us/learn/Pages/SpeciesProfiles.aspx>. Accessed January 3, 2022.
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- U.S. Fish and Wildlife Service. 2021. Featured Pollinator Monarch butterfly (*Danaus plexippus plexippus*). https://www.fws.gov/pollinators/features/Monarch_Butterfly.html. Accessed December 8, 2021.
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- U.S. Fish and Wildlife Service. 2021. Recovery Outline for the Eastern black rail (*Laterallus jamaicensis jamaicensis*).

APPENDIX A

Environmental Site Assessment Results



ENVIRONMENTAL SITE ASSESSMENT



Project Name:	Alamosa 5-64 6-1 Pad	County, State:	Arapahoe County, CO
Report Date:	March 2022	Region:	DJ Basin
Inspection Date:	2/10/2022	Field Name:	Wildcat
Inspector Name:	Russell Beam, Emma Johnson	Location:	T5S, R64W, S6
ESA Type:	New Development	Project Lat-Long:	39.649723, -104.586316

RAPTORS

Bald and Golden Eagle Active Nests:	No	Status:	TEMPORARILY CLEARED
There are no bald or golden eagle nests; however suitable habitat for potential eagle nesting is present within 1/2 mile of the Site. Additional eagle nesting surveys are recommended if construction will begin between December 1 and July 31. Not currently a constraint.			
Bald Eagle Winter Night Roost/Communal Roost:	No	Status:	CLEARED
There are no CPW-mapped bald eagle winter night roosts / communal roosts within 1/2 mile of the Site. Not a constraint.			
*Burrowing Owl Active Nests:	No	Status:	TEMPORARILY CLEARED
Suitable burrowing owl habitat (i.e. prairie dog towns) was observed within the proposed access road area and approximately 0.19 mile south of the proposed location. No burrowing owls were observed during the site assessment (conducted outside the standard Colorado burrowing owl season). If construction will begin between March 15 and October 31, burrowing owl surveys, in accordance with CPW protocol, are recommended. If owls are determined to be present, CPW consultation is recommended prior to the start of construction.			
Other Raptor Nests:	No	Status:	TEMPORARILY CLEARED
One inactive raptor nest was identified 0.29 mile west of the pad, and additional suitable habitat (trees, structures, and ground vegetation) for potential raptor nesting exists within 1/2 mile. No nesting activity was observed during the site assessment. Raptor surveys are recommended within one week of construction if project activities will occur between February 1 and July 31. Not currently a constraint.			

OTHER BIRDS

Grouse or Prairie Chicken High Priority Habitats:	No	Status:	CLEARED
The Site is not within any grouse or prairie chicken HPHs. Not a constraint.			
Non-Raptor Migratory Bird Nests:	No	Status:	TEMPORARILY CLEARED
No active non-raptor migratory bird nests or nesting behavior were observed (the field assessment was conducted outside the standard Colorado migratory bird nesting season). If work begins between April 1 and August 31, migratory bird nesting surveys will be conducted by qualified biologists within one week of the start of construction.			

MAMMALS

Big Game High Priority Habitats:	No	Status:	CLEARED
The Site is not located within any Big Game High Priority Habitats. Not a constraint.			
** Preble's Meadow Jumping Mouse (PMJM) Habitat:	No	Status:	CLEARED
There is no suitable habitat for the Preble's meadow jumping mouse at the Site. Not a constraint.			
Swift Fox Dens:	No	Status:	TEMPORARILY CLEARED
The Site is within CPW-mapped swift fox overall range. One non-prairie dog mammal burrow was identified during the field survey; however, the structure did not exhibit physical characteristics (e.g. pronounced tailings) typical of swift fox construction and use. No swift fox activity during the survey. If work begins between March 15 and June 15, surveys for swift fox occupancy will be conducted by qualified biologists. If potentially active dens are identified, game cameras will be established and monitored. If any active swift fox dens are confirmed to be present, CPW will be consulted prior to the start of construction.			

VEGETATION

**Ute ladies'-tresses orchid (ULTO):	No	Status:	CLEARED
There is no suitable Ute ladies'-tresses orchid habitat at the Site. Not a constraint.			
Colorado State Noxious Weeds - List A,B,C:	No	Status:	CLEARED
Cheat grass (<i>Bromus tectorum</i>), A Colorado State List C noxious weed, was observed throughout the location. No action required prior to construction; weed management may be necessary during eventual reclamation.			

Current Land Use:	Rangeland	Future Land Use:	Oil & Gas, Rangeland
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ENVIRONMENTAL SITE ASSESSMENT



AQUATIC HABITATS

Aquatic High Priority Habitats:	No	Status:	CLEARED
There are no Aquatic High Priority Habitats within 1000 feet of the Site. Not a constraint.			
Wetlands/WOUS:	No	Status:	CLEARED
There is one unmapped potential wetland approximately 550 feet southeast of the proposed Working Pad Surface (approximately 440 feet east-southeast of the proposed Site boundaries); no impacts to this feature are expected to occur and no chemical/fuel storage will occur within 500 feet of it. No other potential wetlands or waters were observed around the Site. All nearby NHD/NWI-mapped features are greater than 1000 feet from the Site. No constraints.			

OTHER/SAFETY

Other Issues:	No	Status:	CLEARED
None.			
Safety Issues:	No	Status:	CLEARED
None.			

FORM 2A

<i>Is HPH Present (309.e(2)A) ?</i>	No
<i>If <u>NO</u>, then Wildlife <u>Protection</u> Plan Needed (1201.a):</i>	Yes
<i>If <u>YES</u>, then Wildlife <u>Mitigation</u> Plan Needed (1201.b):</i>	N/A
<i>Is project in State Park or Wildlife Area (309.e(2)A) ?</i>	No
<i>Is project in federally designated critical habitat (309.e(2)B)?</i>	No
<i>**Federal or *Colorado T&E Species Present (309.e(2)B)?:</i>	No
<i>Is project in a wildlife habitat conservation easment (309.e(2)C)?:</i>	No
<i>CPW Consultation Needed (309.e)?:</i>	No
<i>Vegetation removal scheduled April 1 to August 31 (1202.a(8))?:</i>	TBD
<i>Working Pad Surface 500 to 1000' hydraulically upgradient from a HPH (1202.a(10))?:</i>	No
<i>Density of O&G locations exceed 1 per square mile w/in HPH (1202.d)?:</i>	N/A
<i>If <u>YES</u>, then Compensatory Mitigation Plan Needed (1203.a(1)):</i>	N/A

FIELD DATA COLLECTED

GENERAL COMMENTS

Site Photos:	Yes	There is suitable habitat for nesting raptors and other migratory birds; additional nesting surveys may be recommended based on project timing. There was also recent evidence of well maintenance on location.
Reference Area Photos:	Yes	
Updated Aerial Imagery Taken?:	Yes	
Ground Control Points?:	Yes	
Wetland Determination Data Form?	No	

Reviewed By: Lilah Hubbard
Signature:

Title: Environmental Coordinator
Date: 3/1/2022

APPENDIX B
Environmental Site Map

CRESTONE PEAK RESOURCES
 ALAMOSA 5-64 6-1
 E 1/2 SEC 6 and NWNW SEC 5, T5S, R64W, 6th P.M.
 ARAPAHOE COUNTY, COLORADO

Prepared For:

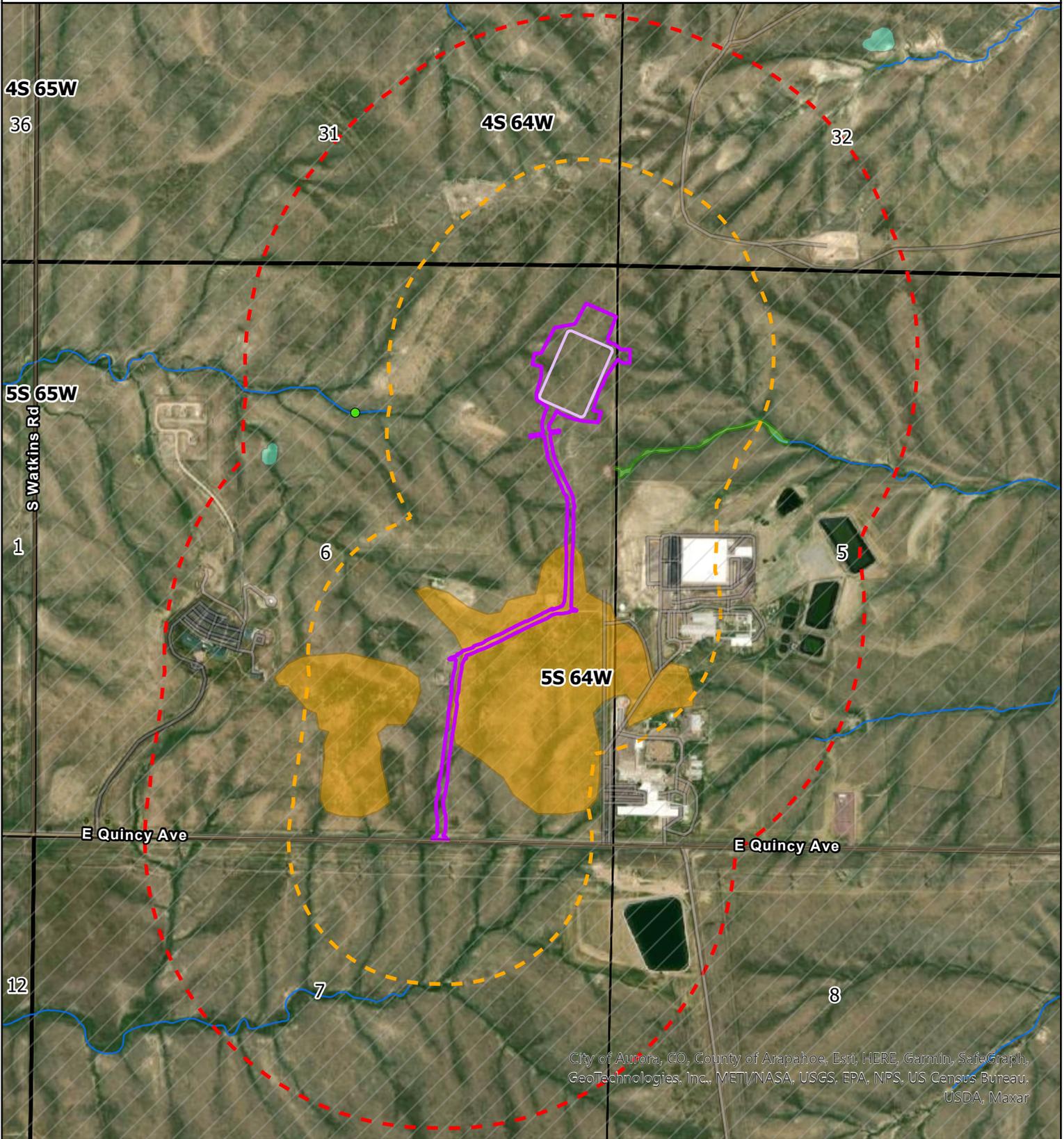
Prepared By:



CRESTONE PEAK
RESOURCES



RPG
RESOURCES

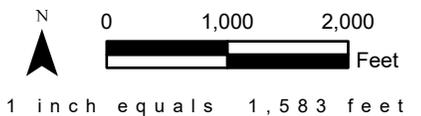


City of Aurora, CO, County of Arapahoe, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc., METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Maxar

ENVIRONMENTAL
SITE MAP

- Proposed Site Boundaries (Limits of Construction/Disturbance)
- Proposed Working Pad Surface
- - - Quarter-Mile Burrowing Owl Survey Buffer
- - - Half-Mile Nest Survey Buffer
- Inactive Non-Eagle Raptor Nest
- Burrowing Owl Habitat
- NHD/NWI-Mapped Stream/Riverine
- NWI-Mapped Freshwater Pond
- Field-Identified Potential Wetland
- CPW-Mapped Swift Fox Overall Range

Projection: WGS 1984
 Date: 03/02/2022
 Drafted by: LMH



Map Location: C:\Users\lhubbard\Documents\ArcGIS\Projects\Crestone\Alamosa 5-64 6-1