
KS LAND, LLC

December 21, 2024
Patrick Lennberg
Colorado Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203

Preliminary Adequacy Response; M-2014-033

Mr. Lennberg,

Please find our responses to each of the items addressed in the Preliminary Adequacy Review letter dated October 23, 2024 addressed below:

General Requirements of Exhibits

1. Updated maps have been included, with north arrow and scale located in the lower right hand corner of each map.
 - 1.1. Reclamation Plan map with the direction and rate of slope for reclaimed lands has been provided.

Exhibit C

1. Mining Plan Amendment Map has been updated to reflect total affected area to be equal to permit area.
 - 1.1. Haul road dimensions have been defined and acreage affected is now updated.
 - 1.2. Mining Areas A and B have been updated.

Exhibit D

1. An updated exhibit D, mining plan, is attached. This reflects a change in the mining area to accommodate current disrupted areas.

2. Updated Mining Plan Map with stockpile locations is attached.
3. In response to Preliminary Adequacy Review item 6, KS Land, LLC does acknowledge the requirement and Division's expected timeline to deem an area reclaimed.
4. A Mining Plan Map- Future Haul Road has been attached, with proposed connection points, defined dimensions, and explanation that 12" steel culverts will be installed, and removed upon reclamation.

Exhibit E

1. Stockpiles will be stored in windrow fashion along the edge of the mining area, as shown in Mining Plan Map. The grading will be a gentle slope, and the tenant that grazes the property will cover with a wheat crop. The soil type present is very sandy, gravelly soil so large stockpiles of topsoil are not anticipated.
2. The haul road through the mining area A will not be reclaimed, as it is the main access to the stock well and tank, per the property owner. See attached letter. Reclamation Plan Map - Ranch Road Exclusion outlines dimension of said road. The future haul road to Mining Area B would be reclaimed.
3. KS Land, LLC has conferred with local agricultural spraying companies to develop an Adaptive Weed Management Plan. Per Matt Baker, of D&M Spraying, LLC, our plan includes an annual inspection of the property in late March- early April followed by an application of a broadleaf herbicide by airplane in late April- early May. The application of the broadleaf would not disrupt native vegetation.
 - 3.1.Regular inspection will be made by KS Land, LLC as well as the tenant who grazes the property. Any noxious weed infestations not covered by annual spraying will be addressed as needed, and consultation with the Morgan County Extension Office or the NRCS office may be utilized to determine best course of action.
 - 3.2.KS Land, LLC acknowledges the ideas presented by the Morgan Conservation District Manager. They MCD office was difficult to communicate with during our planning time, and our Weed Control Plan has been set with help from other local professionals. Additionally, KS Land LLC will not be following the MCD suggestion to install a tree windbreak, due to the lack of available water, and poor growing conditions.

Exhibit F

1. An updated Reclamation Plan Map is attached, with contour lines as suggested by our engineer.

Exhibit L

1. Details of the equipment that will be used include use of a medium-sized dozer, similar to a Cat D7, to make final grade 3:1 or flatter and blended with existing slopes per the Reclamation Plan Map. After grading is complete, topsoil would be spread with same dozer. A 200 horsepower tractor with a 20 ft no-till drill would be used to seed.

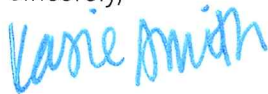
1.1. Push/haul distances would average approximately 500-600 feet, dependent upon terrain.

Other

1. Letter of notice to Owners of Record is attached.
2. Proof of this response and updated attachments will be emailed, following same protocol as previous submissions.

Thank you for your time, and assistance in the process of this amendment.

Sincerely,



Kasie Smith

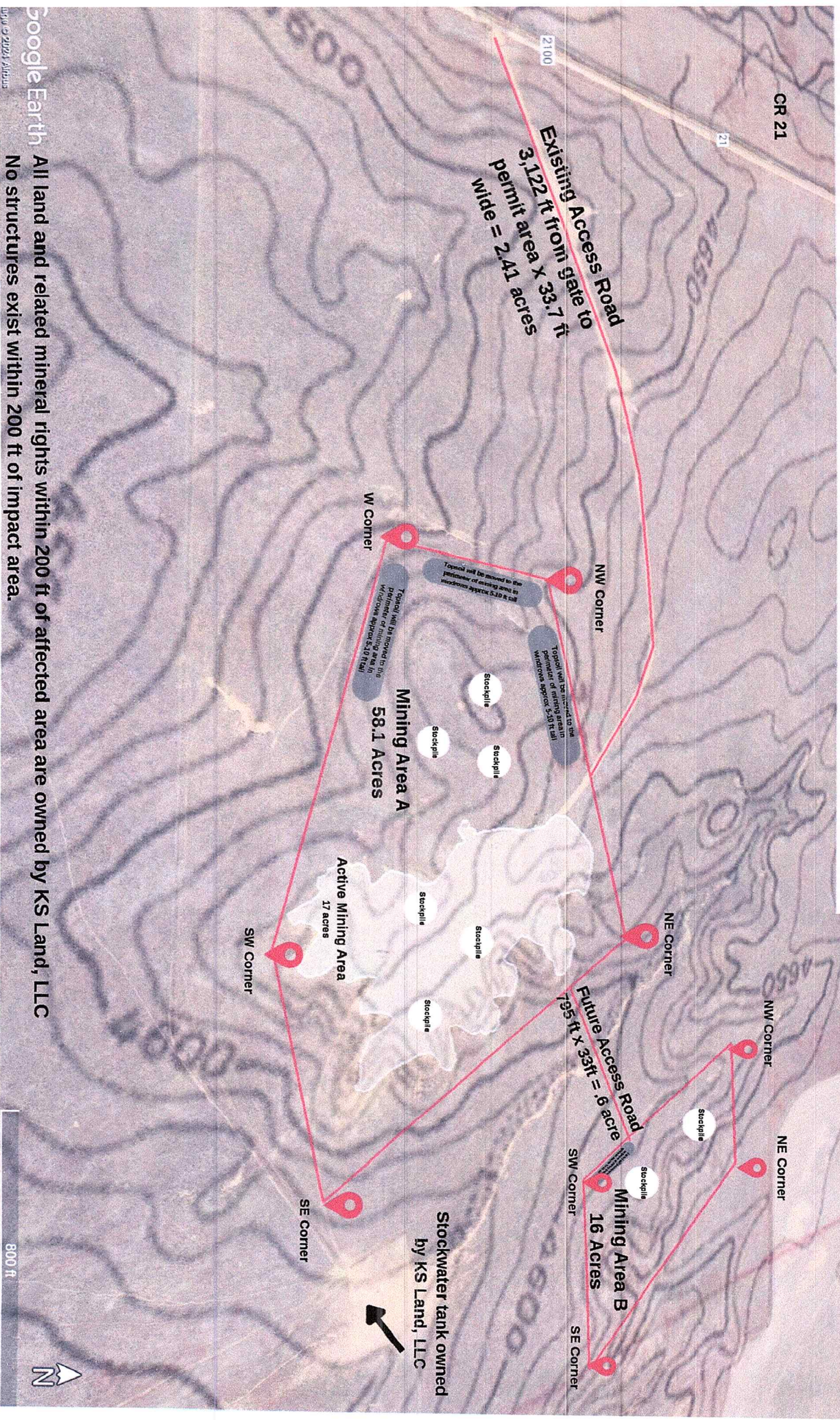
Mining Plan Amendment Map

Total area to be involved is 77.1 acres

KS LAND, LLC

Four X Ranch Gravel Pit
28850 CR 21, Fort Morgan, CO 80701

PART of the NE 1/4 of the SW 1/4 and NW 1/4 of the SE 1/4 and SE 1/4 of the NW 1/4 of Section 15 - T5N - R57W, 6th P.M., Morgan County, COLORADO



Google Earth
All land and related mineral rights within 200 ft of affected area are owned by KS Land, LLC
No structures exist within 200 ft of impact area.

Land cover is native rangeland
Predominant soil type is Cascajo soils and gravelly land.

Yoni Smith 12/21/24

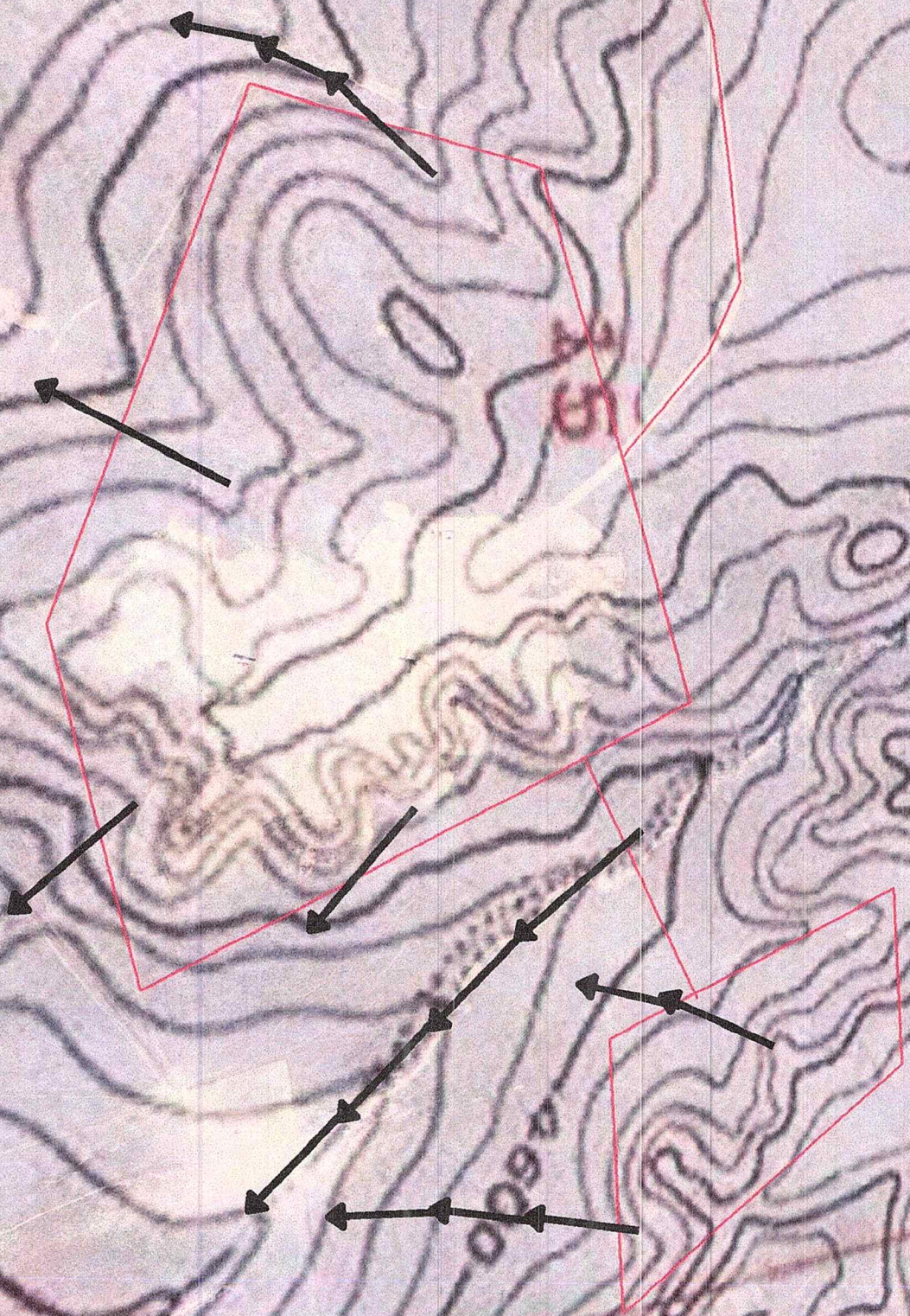
Reclamation Plan Map

KS LAND, LLC

Four X Ranch Gravel Pit

PART of the NE 1/4 of the SW 1/4 and NW 1/4 of the SE 1/4 of Section 15 - T5N - R57W, 6th P.M., Morgan County, COLORADO

Slopes 3:1 or FLATTER and blended into existing slopes



All land and related mineral rights within 200 ft of affected area are owned by KS Land, LLC
All impacted slopes will be graded to 3:1 or flatter, blended into existing slopes, and reseeded and

Google Earth revegetated in accordance with the approved state reclamation plan

Unit 141124

Imagery © 2023, 2022

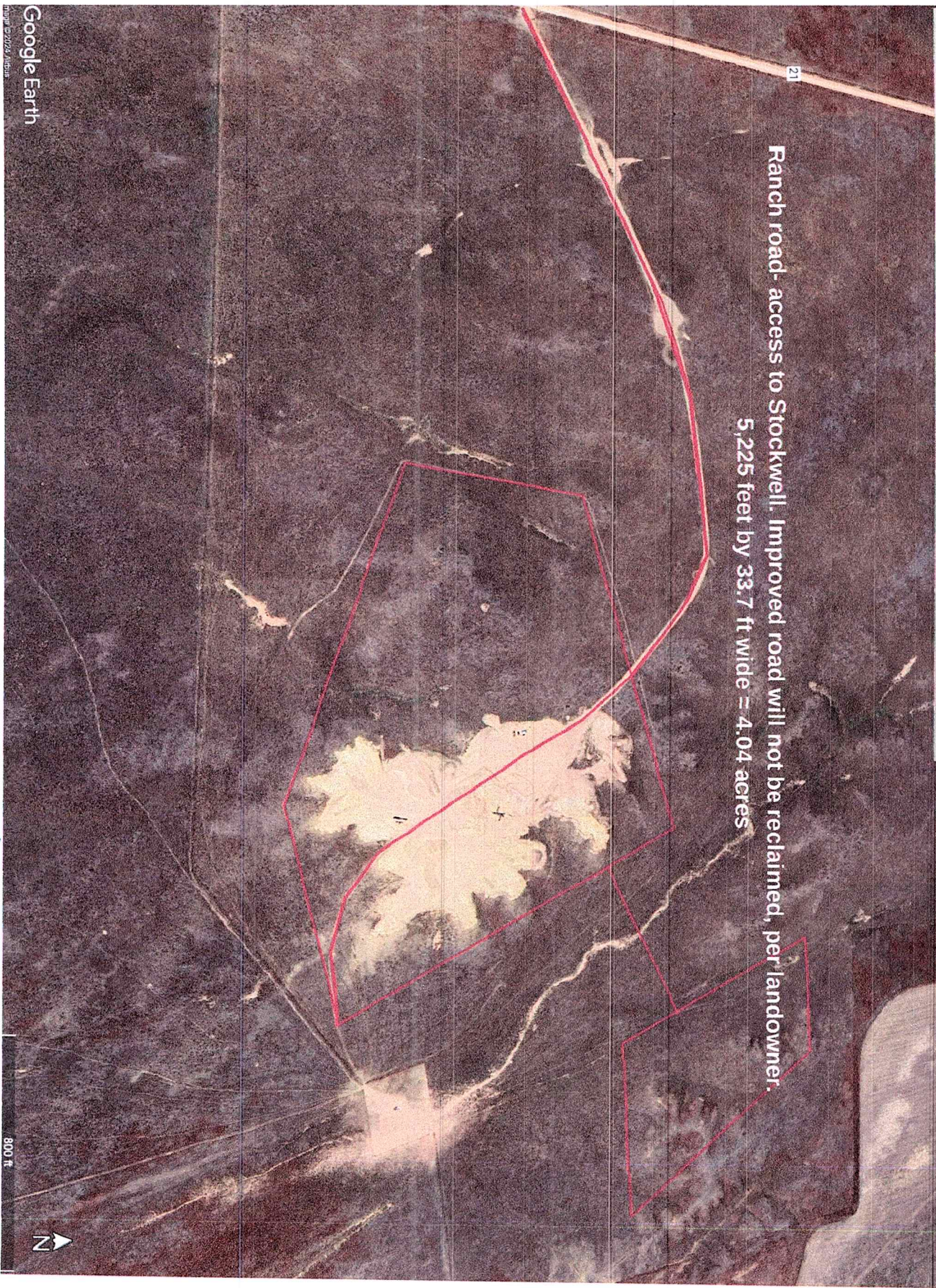


Reclamation Plan Map - Ranch Road Exclusion

KS LAND, LLC

Four X Ranch Gravel Pit

PART of the NE1/4 and NW1/4 of the SE1/4 and SE1/4 of the NW1/4 of Section 15 - T5N - R57W, 6th P.M., Morgan County, COLORADO



21

Ranch road - access to Stockwell. Improved road will not be reclaimed, per landowner.

5,225 feet by 33.7 ft wide = 4.04 acres

Google Earth

Image © 2022, Airbus

800 ft



Verigreen 12/21/24

Mining Plan Map - Future Haul Road

KS LAND, LLC

Four X Ranch Gravel Pit

PART of the NE1/4 of the SW1/4 and NW1/4 of the SE1/4 and SE1/4 of the NW1/4 of Section 15 - T5N - R57W, 6th P.M., Morgan County, COLORADO



Yours truly
12/21/24

Exhibit D
Mining Plan

Mining Area A	Latitude	Longitude
NW Corner	40°23'56.00"N	103°44'31.00"W
W Corner	40°23'48.00"N	103°44'32.00"W
SW Corner	40°23'43.26"N	103°44'14.83"W
SE Corner	40°23'45.40"N	103°44'3.70"W
NE Corner	40°24'0.80"N	103°44'12.30"W
Mining Area B	Latitude	Longitude
NW Corner	40°24'8.35"N	103°44'4.78"W
SW Corner	40°23'58.17"N	103°44'0.26"W
SE Corner	40°23'58.61"N	103°43'49.99"W
NE Corner	40°24'8.71"N	103°43'57.64"W

At the time of the amendment KS Land, LLC is in process of mining and cleaning up areas that had been affected by the previous owner. There are approximately 17 acres that have been affected as of December 2024. The objective of this amendment is to establish updated plans for our operation, and to correctly utilize our permit to extract aggregate material.

Within our 77.1 permitted acres a maximum of approximately 30 acres may be disturbed at any given time. Once 5-10 acres in the disturbed area are deemed mined out, the reclamation process will begin on said acreage, working from south to north. Once vegetation has been established the Division will be contacted to review the status of the reclamation.

Mining will be done with standard excavation equipment- excavators, wheel loaders, and dozers. Raw material will be screened or crushed using mobile units. All material will be stockpiled as close to mining area as possible, general locations have been marked on the mining plan map. While extracting material from the ground a 3:1 or flatter slope will be maintained, with few exceptions. We will have no more than 1,500 linear feet at a 1:1 "straightwall."

Mining Plan extraction from Exhibit D of Four X Ranch Gravel Pit application:

There are no streams, springs, lakes or stock water ponds that will received drainage directly from this mining operation. All drainage in the region is toward the South Platte River Runoff in the area of the pit limits is toward the south-southwest. Excavation and grade management will be used to minimize any stormwater runoff from the mining area. Any incidental runoff leaving the site will be filtered by adjacent grassland, which is owned by KS Land, LLC.

Within 5 years	Mine area A, with no more than 30 acres at a time disturbed. Reclamation will begin as 5-10 acres are deemed mined out. We acknowledge that credit for reclamation may take 2-5 years.
Within 10 years	Plan to have ~20 acres reclaimed, and move into the western part of mining area a.
Within 15 years	Plan for ~30 acres reclaimed, install haul road to area B
Within 20 years	Have ~40 acres reclaimed, and working in mining area b to close out the mining in this permitted area.
Within 25 years	Complete mining and have all remaining acreage in the process of reclamation.

Mining Plan extraction from Exhibit D of Four X Ranch Gravel Pit application:
"Thickness of aggregate material to be mined is" estimated "10 to 20 feet. The topsoil generally directly overlays the fractured rock to be mined. An overburden thickness of 0.5 ft is used as a conservative estimate for reclamation purposes. The actual average overburden thickness is likely to be less. The primary commodity to be produced from the site is rock aggregate, which will likely be used for road improvement and other construction related projects. No secondary commodities will be produced from the mining area.

No incidental products are expected to be produced.

No explosive or chemicals will be utilized.

There is currently a road that is 5,236 ft long x 33.7 ft wide working as the main haul road for the gravel pit operation. It will not be reclaimed, as it is the access to the livestock water tank/well. In the future phases of mining, a road to mining area B will be installed per "Mining Plan Map - Future Haul Road" addendum.

NOTICE TO PROPERTY OWNER - KS LAND, LLC

KS Land, LLC ; 28850 CR 21, Fort Morgan, CO (580)222-5672, has filed a permit amendment application for a Regular (112) Construction Materials Operation Reclamation Permit with the Colorado Mined Land Reclamation Board under provisions of the Colorado Land Reclamation Act for the Extraction of Construction Materials. The mine is known as the Four X Ranch Gravel Pit , and is located at or near Section 15 , Township 5, Range 57W, 6th Prime Meridian. The date of commencement was May 7, 2015, and the proposed date of completion is , 12/30/2044 . The proposed future use of the land is rangeland . Additional information and tentative decision date may be obtained from the Division of Reclamation, Mining, and Safety, 1313 Sherman Street, Room 215, Denver, Colorado 80203, (303) 866-3567, or at the Morgan County Clerk and Recorder's office; 231 Ensign Street, Fort Morgan, CO 80701, or the above-named applicant.

Comments must be in writing and must be received by the Division of Reclamation, Mining, and Safety by 4:00 p.m. on October 23, 2024.

Please note that under the provisions of C.R.S. 34-32.5-101 et seq. Comments related to noise, truck traffic, hours of operation, visual impacts, effects on property values and other social or economic concerns are issues not subject to this Office's jurisdiction. These subjects, and similar ones, are typically addressed by your local governments, rather than the Division of Reclamation, Mining, and Safety or the Mined Land Reclamation Board.

RECEIVED

SEP 05 2024

by KS Land LLC

KS Land, LLC

November 11, 2024

KS Land, LLC
28850 County Road 21
Fort Morgan, CO

To Whom It May Concern,

KS Land, LLC does not wish for the ranch road, which has been improved by our company, to be reclaimed upon completion of mining activity at our ranch. This road, which runs from *County Road 21 through the permit area to our stock well and tank*, is used in our regular cattle grazing operation.

Sincerely yours,



Kasie Smith

Chairman, KS Land, LLC

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