

---

# KS LAND, LLC

---

January 17, 2025  
Patrick Lennberg  
Colorado Division of Reclamation, Mining and Safety  
1313 Sherman Street, Room 215  
Denver, CO 80203

**Adequacy Review No. 2, 112c Construction Materials Amendment Application (AM-1)**

**Four X Ranch Gravel Pit, Permit no. M-2014-033**

Mr. Lennberg,

Please find our responses to each of the items addressed in the Adequacy Review No. 2 letter dated January 15, 2025 addressed below:

**General Requirements of Exhibits**

1. All maps have been updated with an adjusted angle view, as well as a congruent scale across all maps.

**Exhibit C**

2. Coordinates for the haul road have been updated on mining plan maps , as well as the mining plan.

3. Coordinates for the mining areas have been updated and are congruent with Division calculations.

**Exhibit D**

4. KS Land, LLC acknowledges the requirement for technical would be required to increase mining area outside of the 30 acre increment, including all disrupted acreage and acres that have been reclaimed but completion has not been approved by division.

**Exhibit E**

5. An updated reclamation plan text has been provided.

**Exhibit F**

5. An updated reclamation plan map has been provided.

**Exhibit L**

6. The division requirement for ripping the processing area has been included in the reclamation plan.

**Other**

1. In an order to create an easily accessible record of all changes that have been made to our original permit amendment, I have compiled all documents and am submitting the complete application package. The requirements and responses to adequacy reviews 1 and 2 are contained in attached application package.
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

# STATE OF COLORADO

## DIVISION OF RECLAMATION, MINING AND SAFETY

Department of Natural Resources

1313 Sherman St., Room 215  
Denver, Colorado 80203  
Phone: (303) 866-3567  
FAX: (303) 832-8106



### CONSTRUCTION MATERIALS REGULAR (112) OPERATION RECLAMATION PERMIT APPLICATION FORM

CHECK ONE: ☒ **There is a File Number Already Assigned to this Operation**

Permit # M - 2014 - 033 - (Please reference the file number currently assigned to this operation)

☐

**New Application** (Rule 1.4.5)

☒

**Amendment** Application (Rule 1.10)

☐

**Conversion** Application (Rule 1.11)

Permit # M - 2014 - 033 - (provide for **Amendments** and **Conversions** of existing permits)

The application for a Construction Materials Regular 112 Operation Reclamation Permit contains three major parts: (1) the application form; (2) Exhibits A-S, Addendum 1, any sections of Exhibit 6.5 (Geotechnical Stability Exhibit; and (3) the application fee. When you submit your application, be sure to include one (1) complete signed and notarized ORIGINAL and one (1) copy of the completed application form, two (2) copies of Exhibits A-S, Addendum 1, appropriate sections of 6.5 (Geotechnical Stability Exhibit, and a check for the application fee described under Section (4) below. Exhibits should **NOT** be bound or in a 3-ring binder; maps should be folded to 8 1/2" X 11" or 8 1/2" X 14" size. To expedite processing, please provide the information in the format and order described in this form.

#### GENERAL OPERATION INFORMATION

Type or print clearly, in the space provided, ALL information requested below.

1. **Applicant/operator or company name (name to be used on permit):** KS Land, LLC
  - 1.1 Type of organization (corporation, partnership, etc.): partnership
2. **Operation name (pit, mine or site name):** Four X Ranch Gravel Pit
3. **Permitted acreage (new or existing site):** 33.2 permitted acres
  - 3.1 Change in acreage (+) 43.91 acres
  - 3.2 Total acreage in Permit area 77.11 acres
4. **Fees:**

4.1 New Application	<u>\$2,696.00</u>	application fee
4.2 New Quarry Application	<u>\$3,342.00</u>	quarry application
4.4 Amendment Fee	<u>\$2,229.00</u>	amendment fee
4.5 Conversion to 112 operation (set by statute)	<u>\$2,696.00</u>	conversion fee
5. **Primary commodity(ies) to be mined:**

	Aggregate	Gravel		
5.1 Incidental commodity(ies) to be mined:	1. <u>-</u> lbs/Tons/yr	2. <u>/</u> lbs/Tons/yr		
	3. <u>/</u> lbs/Tons/yr	4. <u>/</u> lbs/Tons/yr	5. <u>/</u> lbs/Tons/yr	
5.2 Anticipated end use of primary commodity(ies) to be mined:	<u>construction</u>			
5.3 Anticipated end use of incidental commodity(ies) to be mined:	<u>n/a</u>			

6. **Name of owner of subsurface rights of affected land:** KS Land, LLC  
If 2 or more owners, "refer to Exhibit O".

7. **Name of owner of surface of affected land:** KS Land, LLC

8. **Type of mining operation:** ☒ Surface ☐ Underground

9. **Location Information:** The center of the area where the majority of mining will occur:

COUNTY: Morgan

PRINCIPAL MERIDIAN (check one): ☒ 6th (Colorado) ☐ 10th (New Mexico) ☐ Ute

SECTION (write number): 15

TOWNSHIP (write number and check direction): T 5 ☒ North ☐ South

RANGE (write number and check direction): R 57W ☐ East ☐ West

QUARTER SECTION (check one): ☐ NE ☐ NW ☒ SE ☐ SW

QUARTER/QUARTER SECTION (check one): ☐ NE ☒ NW ☐ SE ☐ SW

GENERAL DESCRIPTION: (the number of miles and direction from the nearest town and the approximate elevation): \_\_\_\_\_

Approximately 8 miles northeast of Fort Morgan, and approx 1.4 miles north of the intersection of CR 21, and CR AA at an elevation of 4,640 feet.

10. **Primary Mine Entrance Location** (report in either Latitude/Longitude **OR** UTM):

Latitude/Longitude:

Example: (N) 39° 44' 12.98"  
(W) 104° 59' 3.87"

Latitude (N): deg 40 min 23 sec 53.20 (2 decimal places)

Longitude (W): deg 103 min 44 sec 57.16 (2 decimal places)

OR

Example: (N) 39.73691°  
(W) -104.98449°

Latitude (N) \_\_\_\_\_ (5 decimal places)

Longitude (W) \_\_\_\_\_ (5 decimal places)

OR

Universal Transverse Mercator (UTM)

Example: 201336.3 E NAD27 Zone 13  
4398351.2 N

UTM Datum (specify NAD27, NAD83 or WGS 84) Nad 83 Zone 13

Easting \_\_\_\_\_

Northing \_\_\_\_\_



11. **Correspondence Information:**

**APPLICANT/OPERATOR** (name, address, and phone of name to be used on permit)

Contact's Name: **Kasie Smith** Title: **Member**  
Company Name: **KS Land, LLC**  
Street/P.O. Box: **11822 Kristi Ln** P.O. Box: \_\_\_\_\_  
City: **Overbrook**  
State: **OK** Zip Code: **73453**  
Telephone Number: **( 580 ) - 222-5672**  
Fax Number: **( ) -**

**PERMITTING CONTACT** (if different from applicant/operator above)

Contact's Name: **same as above** Title: \_\_\_\_\_  
Company Name: \_\_\_\_\_  
Street/P.O. Box: \_\_\_\_\_ P.O. Box: \_\_\_\_\_  
City: \_\_\_\_\_  
State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Telephone Number: **( ) -**   
Fax Number: **( ) -**

**INSPECTION CONTACT**

Contact's Name: **same as above** Title: \_\_\_\_\_  
Company Name: \_\_\_\_\_  
Street/P.O. Box: \_\_\_\_\_ P.O. Box: \_\_\_\_\_  
City: \_\_\_\_\_  
State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Telephone Number: **( ) -**   
Fax Number: **( ) -**

**CC: STATE OR FEDERAL LANDOWNER (if any)**

Agency: **n/a**  
Street: \_\_\_\_\_  
City: \_\_\_\_\_  
State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Telephone Number: **( ) -**

**CC: STATE OR FEDERAL LANDOWNER (if any)**

Agency: **n/a**  
Street: \_\_\_\_\_  
City: \_\_\_\_\_  
State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Telephone Number: **( ) -**

12. **Primary future (Post-mining) land use (check one):**

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Cropland(CR)                  | <input type="checkbox"/> Pastureland(PL) | <input type="checkbox"/> General Agriculture(GA)   |
| <input checked="" type="checkbox"/> Rangeland(RL)      | <input type="checkbox"/> Forestry(FR)    | <input type="checkbox"/> Wildlife Habitat(WL)      |
| <input type="checkbox"/> Residential(RS)               | <input type="checkbox"/> Recreation(RC)  | <input type="checkbox"/> Industrial/Commercial(IC) |
| <input type="checkbox"/> Developed Water Resources(WR) |  | <input type="checkbox"/> Solid Waste Disposal(WD)  |

13. **Primary present land use (check one):**

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Cropland(CR)                  | <input type="checkbox"/> Pastureland(PL) | <input type="checkbox"/> General Agriculture(GA)   |
| <input checked="" type="checkbox"/> Rangeland(RL)      | <input type="checkbox"/> Forestry(FR)    | <input type="checkbox"/> Wildlife Habitat(WL)      |
| <input type="checkbox"/> Residential(RS)               | <input type="checkbox"/> Recreation(RC)  | <input type="checkbox"/> Industrial/Commercial(IC) |
| <input type="checkbox"/> Developed Water Resources(WR) |  |  |

14. **Method of Mining:** Briefly explain mining method (e.g. truck/shovel):  
loader, excavator

15. **On Site Processing:** ☒ Crushing/Screening

13.1 Briefly explain mining method (e.g. truck/shovel):  
periodic use of dry mobile crusher or screen

List any designated chemicals or acid-producing materials to be used or stored within permit area:  
n/a

16. **Description of Amendment or Conversion:**

If you are amending or converting an existing operation, provide a brief narrative describing the proposed change(s).

Amending existing operation to include additional acreage in permitted mining area, and  
incorporate a new mining/reclamation plan to minimize exposure and requirement for bond.

### **Maps and Exhibits:**

Two (2) complete, unbound application packages must be submitted. One complete application package consists of a signed application form and the set of maps and exhibits referenced below as Exhibits A-S, Addendum 1, and the Geotechnical Stability Exhibit. Each exhibit within the application must be presented as a separate section. Begin each exhibit on a new page. Pages should be numbered consecutively for ease of reference. If separate documents are used as appendices, please reference these by name in the exhibit.

With each of the two (2) signed application forms, you must submit a corresponding set of the maps and exhibits as described in the following references to Rule 6.4, 6.5, and 1.6.2(1)(b):

EXHIBIT A	Legal Description
EXHIBIT B	Index Map
EXHIBIT C	Pre-Mining and Mining Plan Map(s) of Affected Lands
EXHIBIT D	Mining Plan
EXHIBIT E	Reclamation Plan
EXHIBIT F	Reclamation Plan Map
EXHIBIT G	Water Information
EXHIBIT H	Wildlife Information
EXHIBIT I	Soils Information
EXHIBIT J	Vegetation Information
EXHIBIT K	Climate Information
EXHIBIT L	Reclamation Costs
EXHIBIT M	Other Permits and Licenses
EXHIBIT N	Source of Legal Right-To-Enter
EXHIBIT O	Owners of Record of Affected Land (Surface Area) and Owners of Substance to be Mined
EXHIBIT P	Municipalities Within Two Miles
EXHIBIT Q	Proof of Mailing of Notices to County Commissioners and Conservation District
EXHIBIT R	Proof of Filing with County Clerk or Recorder
EXHIBIT S	Permanent Man-Made Structures
Rule 1.6.2(1)(b)	ADDENDUM 1 - Notice Requirements (sample enclosed)
Rule 6.5	Geotechnical Stability Exhibit (any required sections)

The instructions for preparing Exhibits A-S, Addendum 1, and Geotechnical Stability Exhibit are specified under Rule 6.4 and 6.5 and Rule 1.6.2(1)(b) of the Rules and Regulations. If you have any questions on preparing the Exhibits or content of the information required, or would like to schedule a pre-application meeting you may contact the Office at 303-866-3567.

### **Responsibilities as a Permittee:**

Upon application approval and permit issuance, this application becomes a legally binding document. Therefore, there are a number of important requirements which you, as a permittee, should fully understand. These requirements are listed below. Please read and initial each requirement, in the space provided, to acknowledge that you understand your obligations. If you do not understand these obligations then please contact this Office for a full explanation.



1. Your obligation to reclaim the site is not limited to the amount of the financial warranty. You assume legal liability for all reasonable expenses which the Board or the Office may incur to reclaim the affected lands associated with your mining operation in the event your permit is revoked and financial warranty is forfeited;



VS 2. The Board may suspend or revoke this permit, or assess a civil penalty, upon a finding that the permittee violated the terms or conditions of this permit, the Act, the Mineral Rules and Regulations, or that information contained in the application or your permit misrepresent important material facts;

VS 3. If your mining and reclamation operations affect areas beyond the boundaries of an approved permit boundary, substantial civil penalties, to you as permittee can result;

VS 4. Any modification to the approved mining and reclamation plan from those described in your approved application requires you to submit a permit modification and obtain approval from the Board or Office;

VS 5. It is your responsibility to notify the Office of any changes in your address or phone number;

VS 6. Upon permit issuance and prior to beginning on-site mining activity, you must post a sign at the entrance of the mine site, which shall be clearly visible from the access road, with the following information (Rule 3.1.12):

- a. the name of the operator;
- b. a statement that a reclamation permit for the operation has been issued by the Colorado Mined Land Reclamation Board; and,
- c. the permit number.

VS 7. The boundaries of the permit boundary area must be marked by monuments or other markers that are clearly visible and adequate to delineate such boundaries prior to site disturbance.

VS 8. It is a provision of this permit that the operations will be conducted in accordance with the terms and conditions listed in your application, as well as with the provisions of the Act and the Construction Material Rules and Regulations in effect at the time the permit is issued.

VS 9. Annually, on the anniversary date of permit issuance, you must submit an annual fee as specified by Statute, and an annual report which includes a map describing the acreage affected and the acreage reclaimed to date (if there are changes from the previous year), any monitoring required by the Reclamation Plan to be submitted annually on the anniversary date of the permit approval. Annual fees are for the previous year a permit is held. For example, a permit with the anniversary date of July 1, 1995, the annual fee is for the period of July 1, 1994 through June 30, 1995. Failure to submit your annual fee and report by the permit anniversary date may result in a civil penalty, revocation of your permit, and forfeiture of your financial warranty. It is your responsibility, as the permittee, to continue to pay your annual fee to the Office until the Board releases you from your total reclamation responsibility.

\_\_\_\_ 10. For joint venture/partnership operators: the signing representative is authorized to sign this document and a power of attorney (provided by the partner(s)) authorizing the signature of the representative is attached to this application.

**NOTE TO COMMENTORS/OBJECTORS:**

It is likely there will be additions, changes, and deletions to this document prior to final decision by the Office. Therefore, if you have any comments or concerns you must contact the applicant or the Office prior to the decision date so that you will know what changes may have been made to the application document.

The Office is not allowed to consider comments, unless they are written, and received prior to the end of the public comment period. You should contact the applicant for the final date of the public comment period.

If you have questions about the Mined Land Reclamation Board and Office's review and decision or appeals process, you may contact the Office at (303) 866-3567.

**Certification:**

As an authorized representative of the applicant, I hereby certify that the operation described has met the minimum requirements of the following terms and conditions:

1. To the best of my knowledge, all significant, valuable and permanent man-made structure(s) in existence at the time this application is filed, and located within 200 feet of the proposed affected area have been identified in this application (Section 34-32.5-115(4)(e), C.R.S.).
2. No mining operation will be located on lands where such operations are prohibited by law (Section 34-32.5-115(4)(f), C.R.S.);
3. As the applicant/operator, I do not have any extraction/exploration operations in the State of Colorado currently in violation of the provisions of the Colorado Land Reclamation Act for the Extraction of Construction Materials (Section 34-32.5-120, C.R.S.) as determined through a Board finding.
4. I understand that statements in the application are being made under penalty of perjury and that false statements made herein are punishable as a Class 1 misdemeanor pursuant to Section 18-8-503, C.R.S.

*This form has been approved by the Mined Land Reclamation Board pursuant to section 34-32.5-112, C.R.S., of the Colorado Land Reclamation Act for the Extraction of Construction Materials. Any alteration or modification of this form shall result in voiding any permit issued on the altered or modified form and subject the operator to cease and desist orders and civil penalties for operating without a permit pursuant to section 34-32.5-123, C.R.S.*

Signed and dated this 5<sup>th</sup> day of August, 2024.

KS Land, LLC

Applicant/Operator or Company Name

If Corporation Attest (Seal)

Signed: [Signature]

Signed: \_\_\_\_\_

Corporate Secretary or Equivalent

Title: member

Town/City/County Clerk

State of Oklahoma )

County of Carter ) ss.

The foregoing instrument was acknowledged before me this 5<sup>th</sup> day of August, 2024, by Kasie Smith as member of KS Land LLC



Celeste O Uptergrove

Notary Public

My Commission expires: 10/19/27

**SIGNATURES MUST BE IN BLUE INK**

You must post sufficient Notices at the location of the proposed mine site to clearly identify the site as the location of a

proposed mining operation. The following is a sample of the Notice required for Rule 1.6.2(1)(b) that you may wish to use.

### NOTICE

This site is the location of a proposed construction materials operation. (Name of the Applicant/Operator) KS Land,  
whose address and phone number is (Address and Phone Number of the Applicant/Operator) 11822 Kniss Ln, Overbrook, CO 73453 580-222-5672,  
has applied for a Reclamation Permit with the Colorado Mined Land Reclamation Board. Anyone wishing to comment on the  
application may view the application at the (County Name) Morgan County Clerk and Recorder's Office,  
(Clerk and Recorder's Office Address) 231 Ensign St., Fort Morgan, CO 80701, and should send comments prior to the end of  
the public comment period to the Division of Reclamation, Mining, and Safety, 1313 Sherman St, Room 215, Denver,  
Colorado 80203.

### Certification:

I, Kasie Smith, hereby certify that I posted a sign containing the above notice for the proposed  
permit area known as the (Name of Operation) Four X Ranch Gravel Pit, on (Date Posted) 8/5/24.

K Smith  
SIGNATURE

8/5/24  
DATE



**Exhibit A**  
**Legal Description**

Operation Name: 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

Acres: 77.11

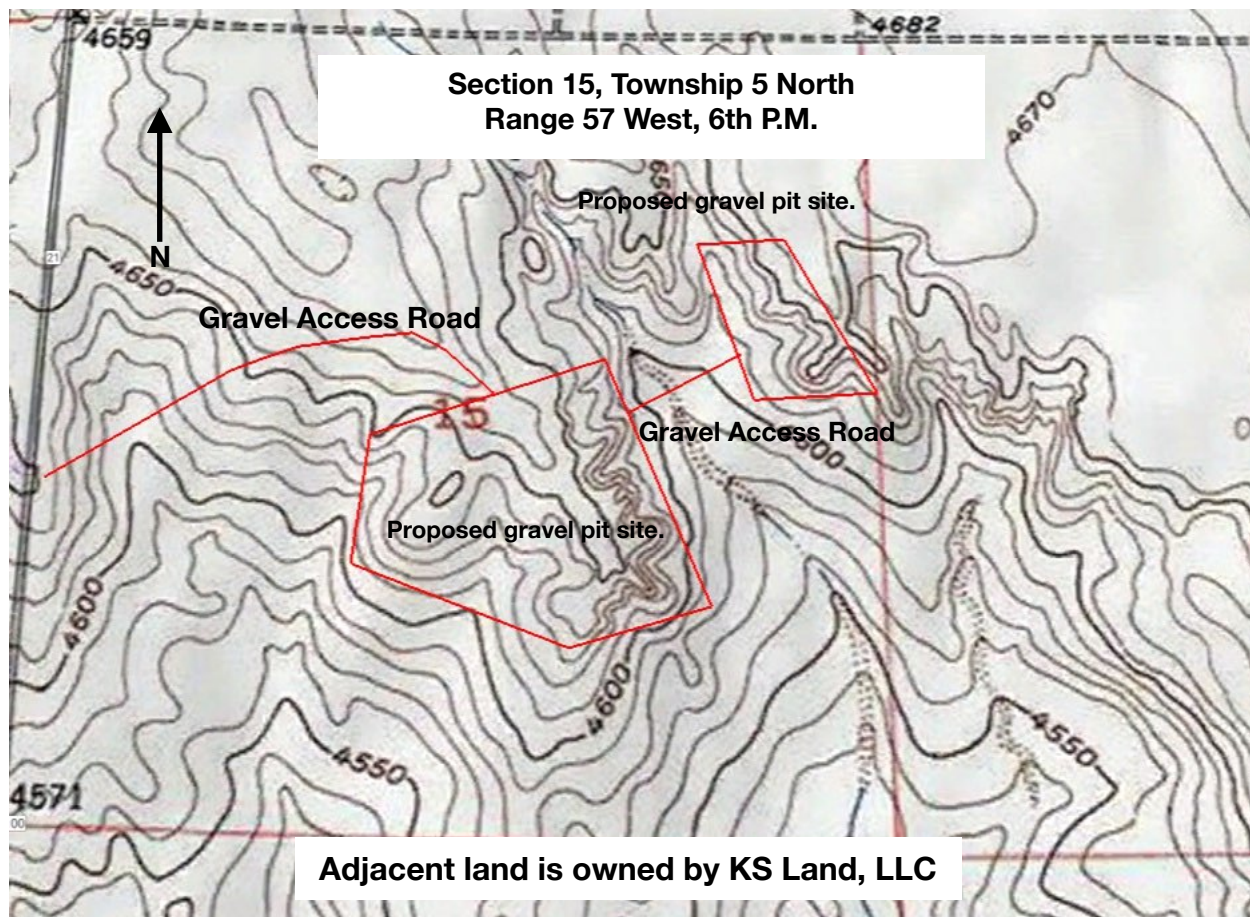
County: Morgan

State: Colorado

Address: 28850 County Road 21, Fort Morgan, CO 80701

Entrance: Located directly off of Morgan County Road 21, approximately 1.4 miles north of the intersection of County Road 21 and County Road AA

40°23'53.20"N Latitude 103°44'57.02"W Longitude





**Exhibit B**Vicinity Index Map

Index map may be found in original Four X Ranch Gravel Pit application as “Exhibit B”

**Total area to be involved is 77.1 acres**

PART of the NE1/4 of the SW1/4 and NW1/4 of teh SE1/4 and SE1/4 of the NW1/4 of SECTION 15 - T5N - R57W, 6th PM, Morgan County COLORADO

CR 21

**Existing Access Road**  
3,122 ft from gate to  
permit area x 33.7 ft  
wide = 2.41 acres

### Mining A - NE Corner

**Mining B - NW**

**Mining B - NE**

Stockpile

Haul Rd A-B NE

SE

SE

### Mining Area B

**B - SW 16 Acres**

**Mining B – SE**

**Haul Rd A-B NW**

Future Access Road  
795 ft x 33ft = .6 acre

**Haul Rd A-B SW**

**Mining Area A**  
**58.1 Acres**

### Active Mining Area

**Stockwater tank owned  
by KS Land, LLC**

**Mining A - SE Corner**

**Mining A - SW Corner**

Google Earth

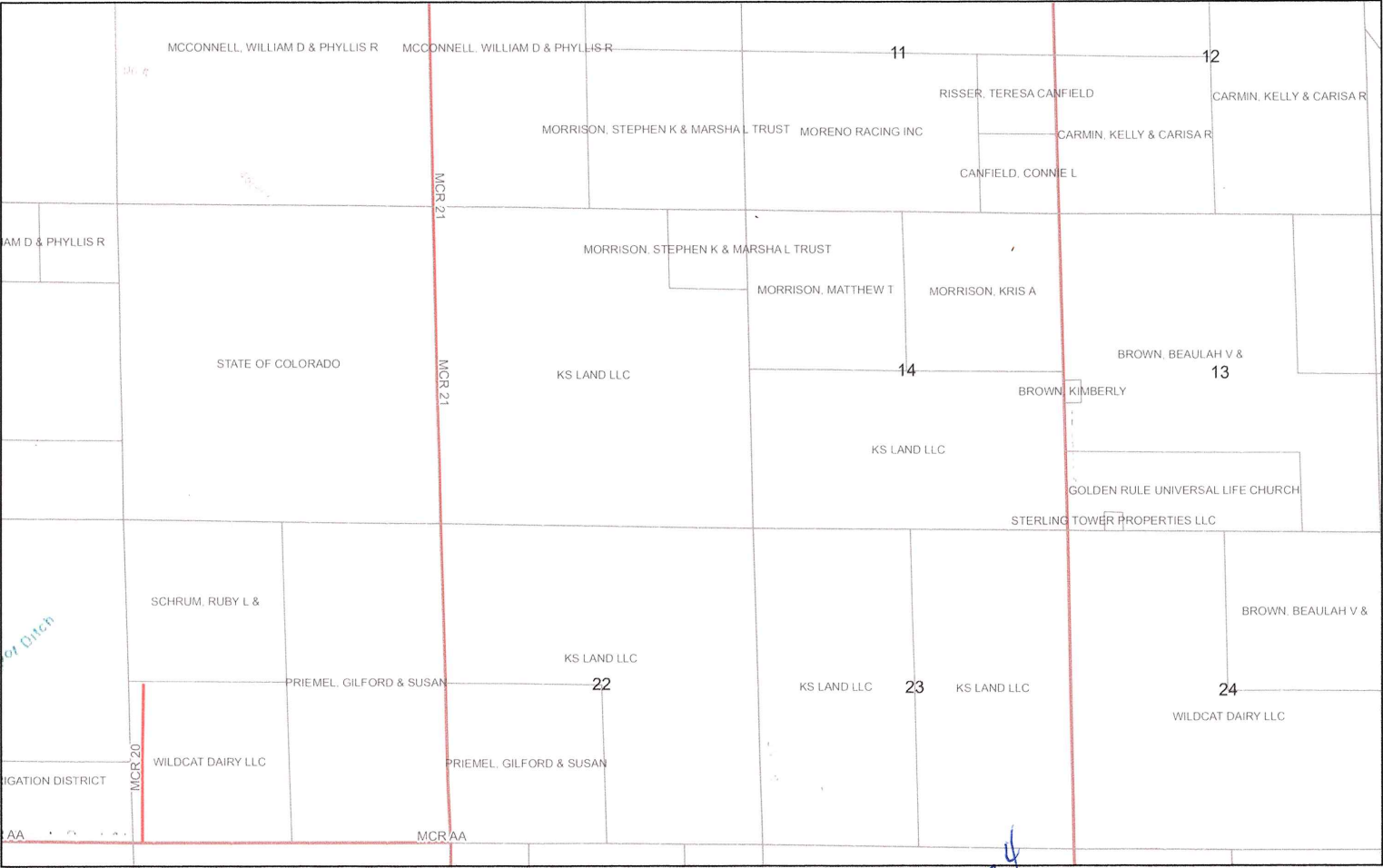
Image © 2025 Airbus

900 ft

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.



Map of Landowners Adjacent to Section 15, T5N, 57W

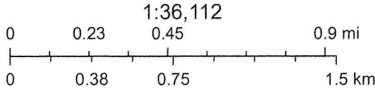


August 4, 2024

Parcels Roads  
County

Section

Aug 4, 2024



Bureau of Land Management, Nebraska Game & Parks Commission, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA



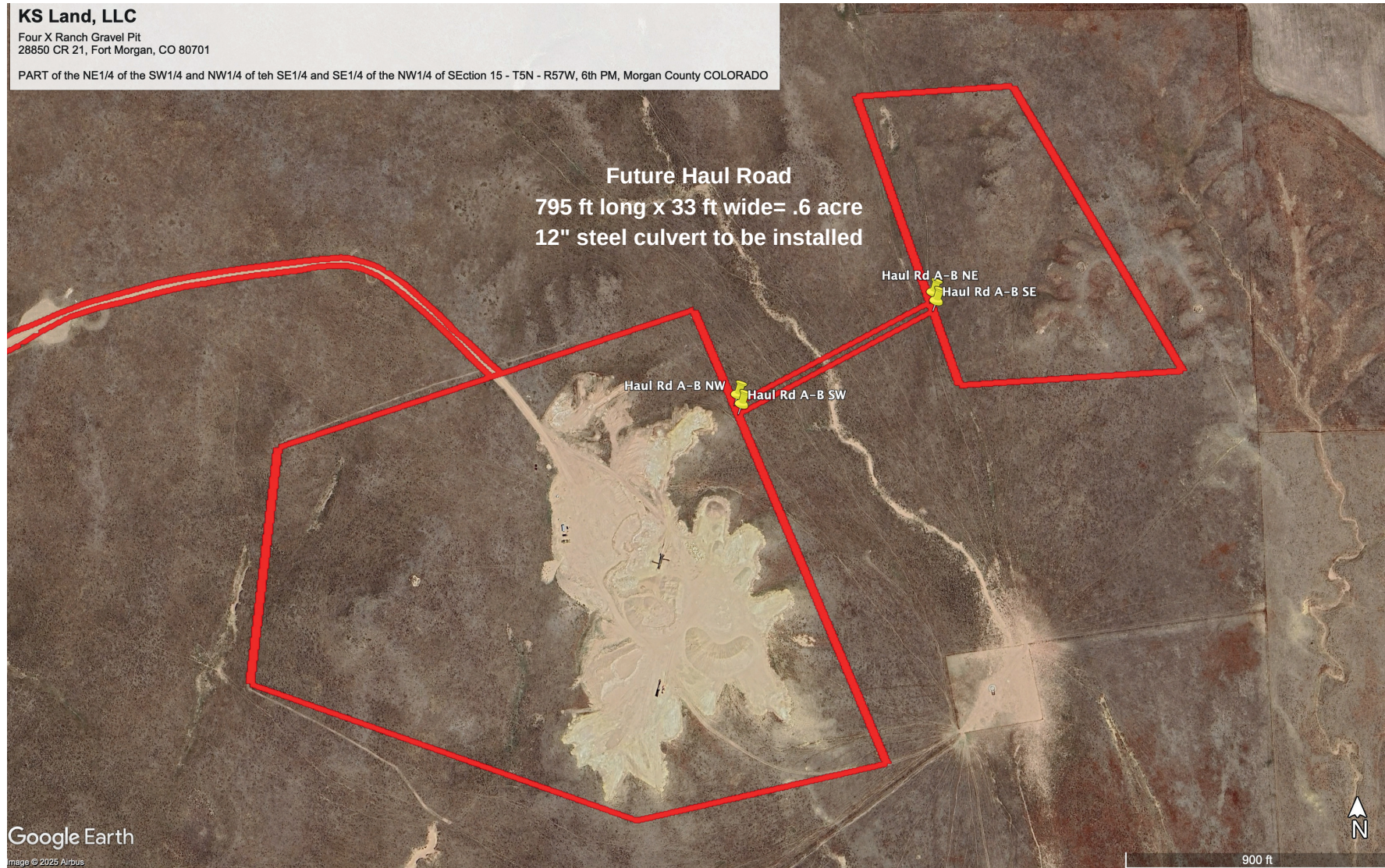
# Mining Plan Map - Future Haul Road

*KS Land, LLC*

**KS Land, LLC**

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

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 PM, Morgan County COLORADO





**Exhibit D**  
Mining Plan

<b>Mining Area A</b>	<b>Latitude</b>	<b>Longitude</b>
NW Corner	40.398889	-103.741944
W Corner	40.396667	-103.742222
SW Corner	40.395409	-103.737437
SE Corner	40.395944	-103.734361
NE Corner	40.400222	-103.73675
<b>Mining Area B</b>		
NW Corner	40.402319	-103.734661
SW Corner	40.399492	-103.733406
SE Corner	40.399614	-103.730553
NE Corner	40.402419	-103.732678
<b>Haul Road A to B</b>		
NW Corner	40.399301	-103.736234
SW Corner	40.399212	-103.736185
SE Corner	40.400208	-103.733727
NE Corner	40.40029	-103.733764

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."

Four X Ranch Gravel Pit amendment

*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.

## Exhibit E

### Reclamation Plan

A. 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.

*B. Extraction from Exhibit E page 6 of Four X Ranch Gravel Pit application:*

*“The maximum gradient of reclaimed slopes will be 3:1. Any waste rock will be used in grading final slopes for reclamation.”*

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..

C. The quality and fertility of stockpiled soil will not have changed significantly during stockpiling, however amendments will be applied if soil testing indicates nutrient deficiencies.

Reseeding will be done as described in the table shown on page 7 of Four X Ranch Gravel Pit application, less the addition of crested wheatgrass, per letter from Colorado DRMS to Martin Christensen dated August 7, 2014.

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. Per Division requirements set forth in Adequacy Review No. 2 of the AM-1, an area of approximately 3 acres that is the processing site will be ripped prior to placement of overburden/topsoil

*“The final use of the reclaimed mined area is rangeland. No trees will be removed from the rangeland.*

*The average thickness of replaced topsoil will be 5 inches.”*

D. 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.

No buildings will remain after reclamation.

F. 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.

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

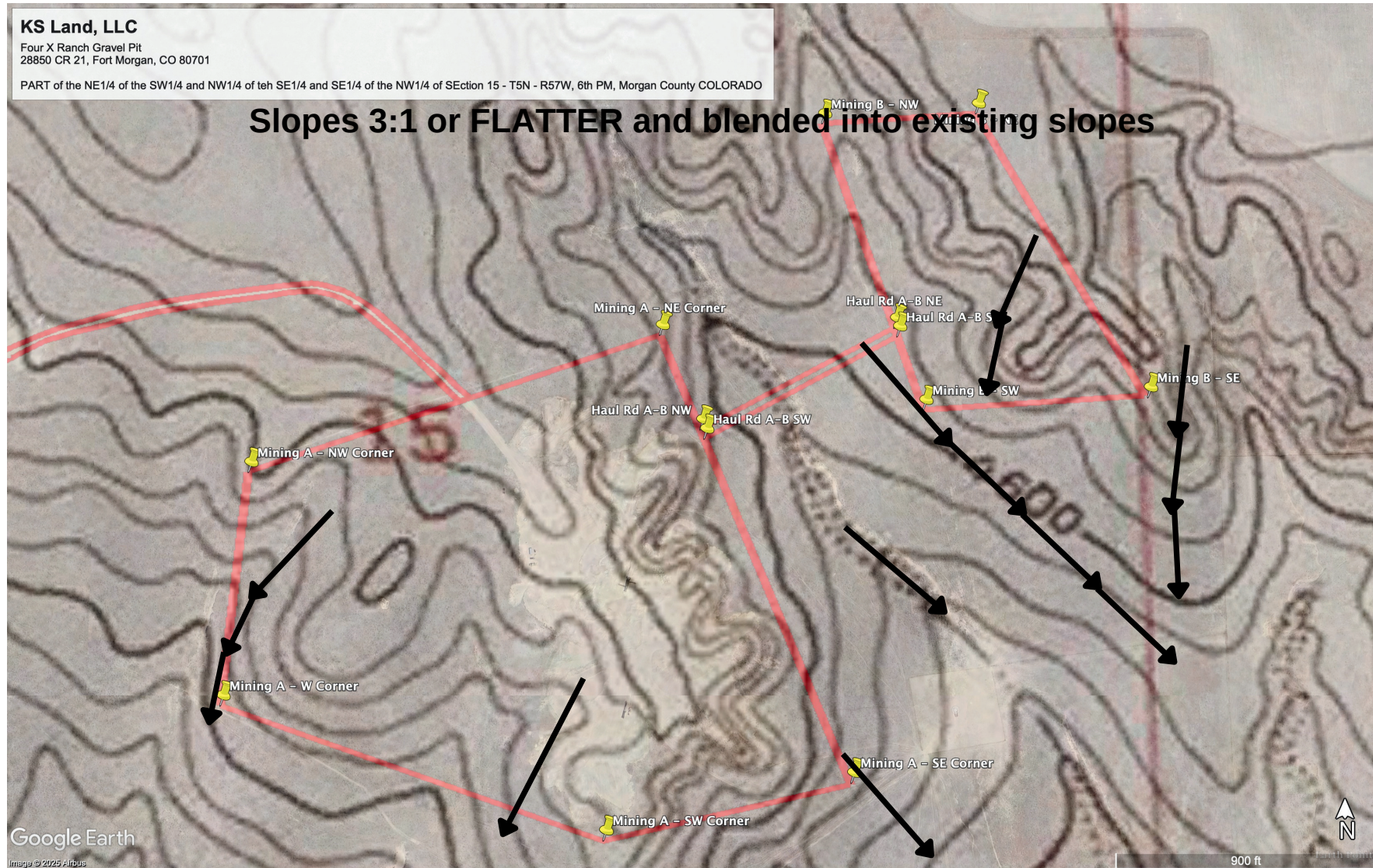
Four X Ranch Gravel Pit amendment

needed, and consultation with the Morgan County Extension Office or the NRCS office may be utilized to determine best course of action.



# Reclamation Plan Map

Exhibit F- Reclamation Plan Map



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 revegetated in accordance with the approved state reclamation plan.

Four X Ranch Gravel Pit amendment



# Reclamation Plan Map - Ranch Road Exclusion



Vague  
 10/11/21

**Exhibit G**  
**Water Information**

Water information can be found in Exhibit G of the original Four X Ranch Gravel Pit application,  
page number 9

**Exhibit H**  
Wildlife Information

Wildlife information may be found as “exhibit H” in the original Four X Ranch Gravel Pit application, page 10.

**Exhibit I**  
**Soils Information**

Soils information may be found in original Four X Ranch Gravel Pit application as “Exhibit I”  
page 11

**Exhibit J****Vegetation Information**

Vegetation information may be found in original Four X Ranch Gravel Pit application as “Exhibit J” page 12

**Exhibit K**  
Climate Information

Climate information may be found in original Four X Ranch Gravel Pit application as “Exhibit K”  
page 13

**Exhibit L**Reclamation Costs

The Division Reclamation Cost worksheet for the amended permit areas is included as an attachment to these exhibits.



**Exhibit M**  
Other Permits and Licenses

N/A

**Exhibit N**Source of Legal Right to Enter

N/A the proposed amended site and the surrounding land is owned by KS Land, LLC

**Exhibit O**Owners of Record

KS Land, LLC owns the surface and mineral rights within the boundary of the impact area and the surrounding area for a distance exceeding 200 feet.

**Exhibit P**Municipalities within two miles

N/A - There are no municipalities within a two mile radius of the proposed site.

## Exhibit Q

**Owner's Proof of mailing notices to board of county commissioners and Proof of mailing notice to county conservation district.**

U.S. Postal Service<sup>TM</sup>  
**CERTIFIED MAIL<sup>TM</sup> RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)  
 For delivery information visit our website at [www.usps.com](http://www.usps.com)  
**OFFICIAL USE**

Postage	\$9.85	Postmark Here JUN - 6 2024
Certified Fee	4.85	
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 14.70	

Sent To: Morgan Con. District  
 Street, Apt. No.,  
 or PO Box No.: 200 W. Railroad Ave.  
 City, State, ZIP+4: Ft. Morgan, CO 80701

PS Form 3800, August 2006 See Reverse for Instructions

U.S. Postal Service<sup>TM</sup>  
**CERTIFIED MAIL<sup>TM</sup> RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)  
 For delivery information visit our website at [www.usps.com](http://www.usps.com)  
**OFFICIAL USE**



Postage	\$9.85	Postmark Here JUN - 6 2024
Certified Fee	4.85	
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 14.70	

Sent To: Morgan Co Commissioner  
 Street, Apt. No.,  
 or PO Box No.: P.O. Box 596  
 City, State, ZIP+4: Fort Morgan, CO 80701

PS Form 3800, August 2006 See Reverse for Instructions

**Exhibit R**

Proof of filing with county clerk and recorder.

<h1 style="margin: 0;">STATE OF COLORADO</h1>	
<p><b>DIVISION OF RECLAMATION, MINING AND SAFETY</b> Department of Natural Resources</p> <p>1313 Sherman St., Room 215 Denver, Colorado 80203 Phone: (303) 866-3567 FAX: (303) 832-8106</p>	
<p><b>CONSTRUCTION MATERIALS REGULAR (112) OPERATION RECLAMATION PERMIT APPLICATION FORM</b></p>	
	
<p><i>RA</i> <b>AUG 06 2024</b></p>	
<p><b>CHECK ONE:</b> <input checked="" type="checkbox"/> <b>There is a File Number Already Assigned to this Operation</b></p>	
<p>Permit # <u>M - 2014 - 033</u> - (Please reference the file number currently assigned to this operation)</p>	
<p><input type="checkbox"/> <b>New Application (Rule 1.4.5)</b>      <input checked="" type="checkbox"/> <b>Amendment Application (Rule 1.10)</b></p>	
<p><input type="checkbox"/> <b>Conversion Application (Rule 1.11)</b></p>	
<p>Permit # <u>M - 2014 - 033</u> - (provide for <b>Amendments</b> and <b>Conversions</b> of existing permits)</p>	
<p>The application for a Construction Materials Regular 112 Operation Reclamation Permit contains three major parts: (1) the application form; (2) Exhibits A-S, Addendum 1, any sections of Exhibit 6.5 (Geotechnical Stability Exhibit; and (3) the application fee. When you submit your application, be sure to include one (1) <u>complete signed and notarized ORIGINAL</u> and one (1) copy of the completed application form, two (2) copies of Exhibits A-S, Addendum 1, appropriate sections of 6.5 (Geotechnical Stability Exhibit, and a check for the application fee described under Section (4) below. Exhibits should <b>NOT</b> be bound or in a 3-ring binder; maps should be folded to 8 1/2" X 11" or 8 1/2" X 14" size. To expedite processing, please provide the information in the format and order described in this form.</p>	
<p><b>GENERAL OPERATION INFORMATION</b></p> <p>Type or print clearly, in the space provided, <u>ALL</u> information requested below.</p>	
<p>1. <u>Applicant/operator or company name (name to be used on permit):</u> <u>KS Land, LLC</u></p>	
<p>1.1 Type of organization (corporation, partnership, etc.): <u>partnership</u></p>	
<p>2. <u>Operation name (pit, mine or site name):</u> <u>Four X Ranch Gravel Pit</u></p>	
<p>3. <u>Permitted acreage (new or existing site):</u> <u>33.2</u> permitted acres</p>	
<p>3.1 Change in acreage (+) <u>43.91</u> acres</p>	
<p>3.2 Total acreage in Permit area <u>77.11</u> acres</p>	
<p>4. <u>Fees:</u></p>	
<p>4.1 New Application <u>\$2,696.00</u> application fee</p>	
<p>4.2 New Quarry Application <u>\$3,342.00</u> quarry application</p>	
<p>4.4 Amendment Fee <u>\$2,229.00</u> amendment fee</p>	
<p>4.5 Conversion to 112 operation (set by statute) <u>\$2,696.00</u> conversion fee</p>	
<p>5. <u>Primary commodity(ies) to be mined:</u> Aggregate <u>Gravel</u></p>	
<p>5.1 Incidental commodity(ies) to be mined: 1. <u>-</u> lbs/Tons/yr 2. <u>/</u> lbs/Tons/yr</p>	
<p>3. <u>/</u> lbs/Tons/yr 4. <u>/</u> lbs/Tons/yr 5. <u>/</u> lbs/Tons/yr</p>	
<p>5.2 Anticipated end use of primary commodity(ies) to be mined: <u>construction</u></p>	
<p>5.3 Anticipated end use of incidental commodity(ies) to be mined: <u>n/a</u></p>	

Four X Ranch Gravel Pit amendment

**Exhibit S**Permanent Man-Made Structures

N/A- there are no man-made structures within 200 feet of the impact area.

## **ATTACHMENTS**



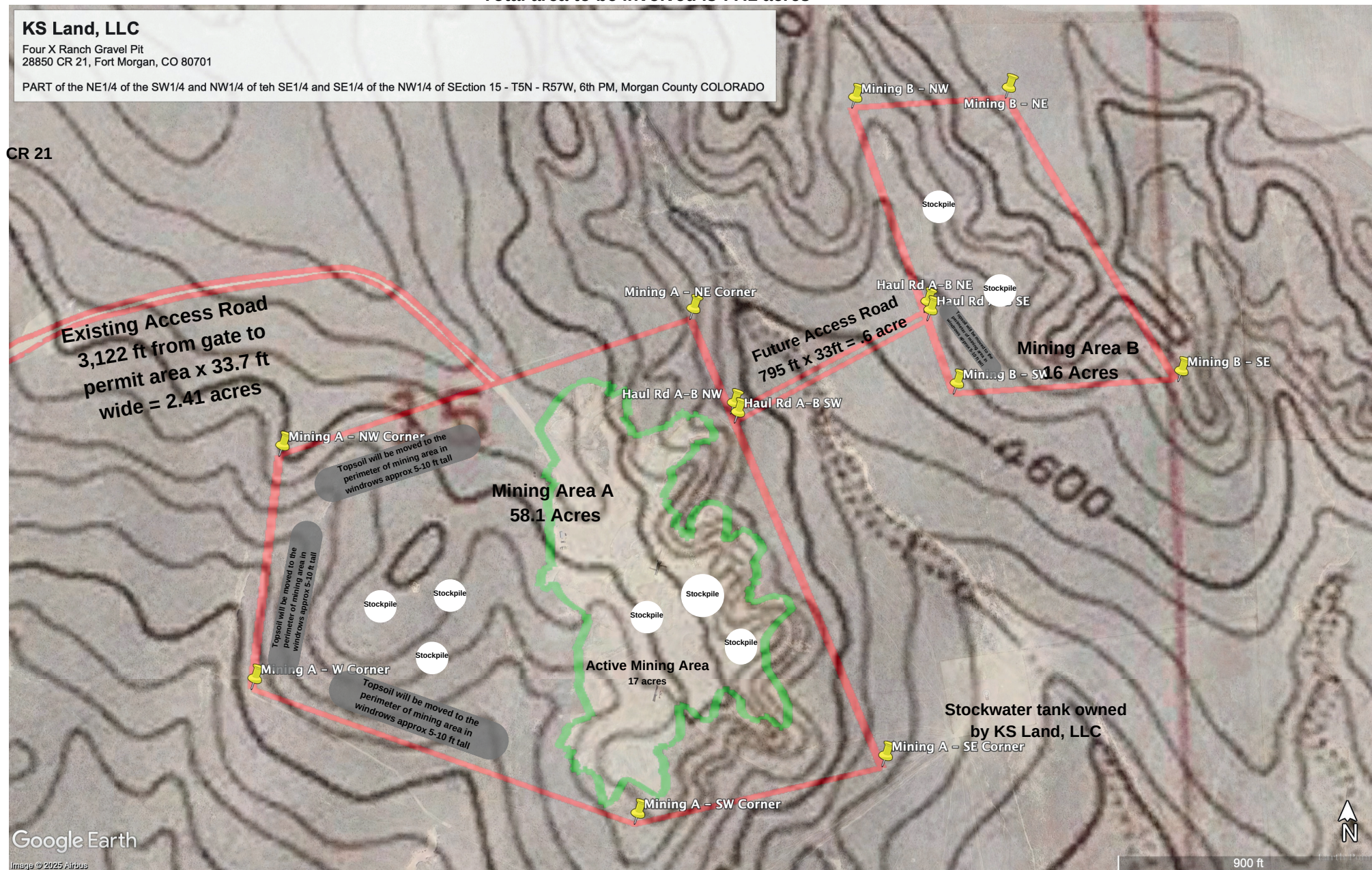
# Mining Plan Amendment Map

**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 NE1/4 of the SW1/4 and NW1/4 of teh SE1/4 and SE1/4 of the NW1/4 of SEction 15 - T5N - R57W, 6th PM, Morgan County COLORADO



**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.**

Vape Britain

1/17/2025



# Mining Plan Map - Future Haul Road

*Vape Min*

1/17/2025

## KS Land, LLC

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

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 PM, Morgan County COLORADO

**Future Haul Road**  
795 ft long x 33 ft wide= .6 acre  
12" steel culvert to be installed

Haul Rd A-B NE  
Haul Rd A-B SE

Haul Rd A-B NW  
Haul Rd A-B SW

Google Earth

Image © 2025 Airbus

900 ft





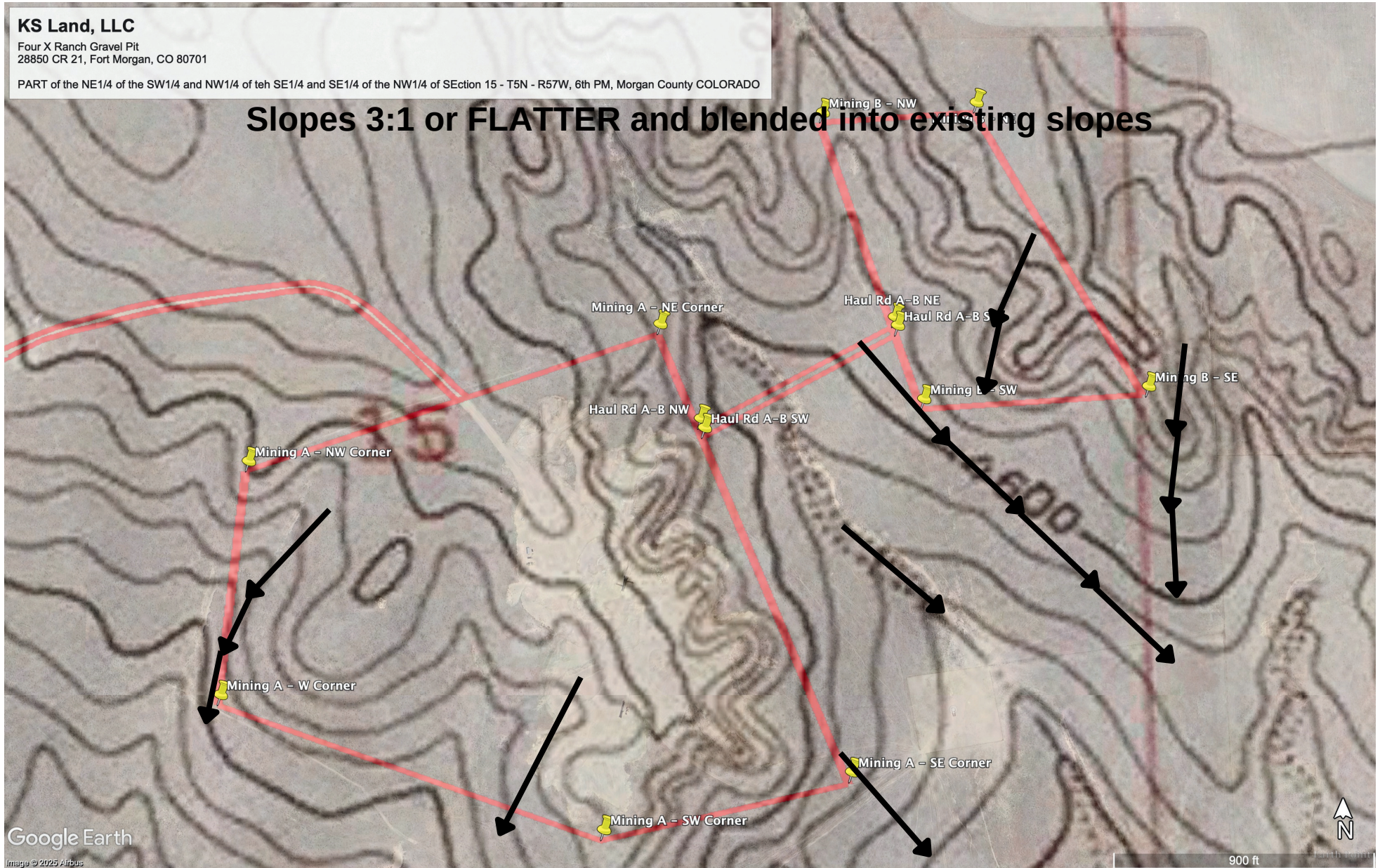
# Reclamation Plan Map

**KS Land, LLC**

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

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 PM, 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 revegetated in accordance with the approved state reclamation plan.

*V. M. M. M.* 1/17/2025 (



# Reclamation Plan Map - Ranch Road Exclusion

**KS Land, LLC**

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

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 PM, 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

2100

21

Google Earth

Image © 2025 Airbus

900 ft

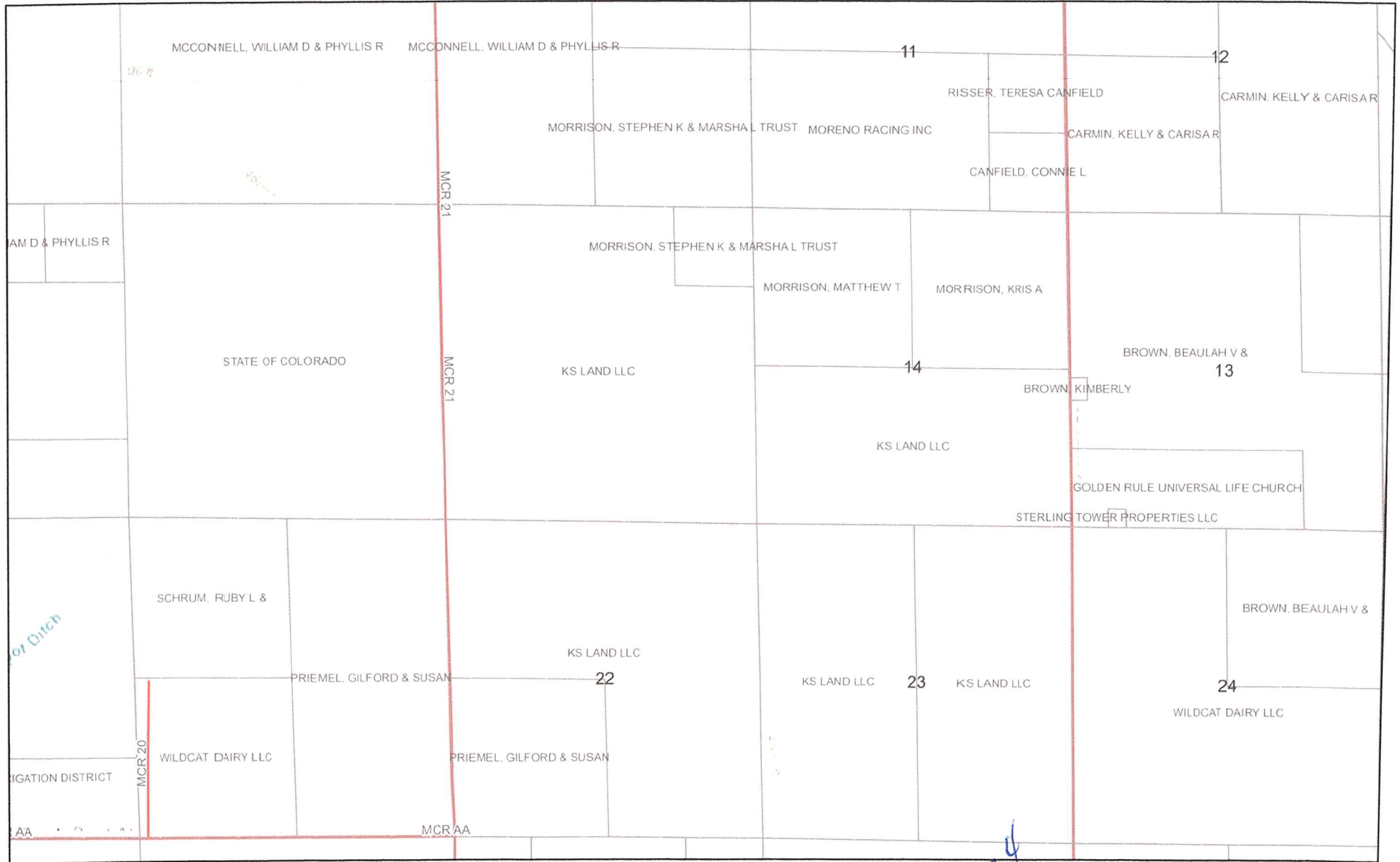


*Vague*

1/17/2025



# Map of Landowners Adjacent to Section 15, T5N, 57W



August 4, 2024

Parcels Roads  
County

Section

*Aug 4, 2024*

1:36,112  
0 0.23 0.45 0.9 mi  
0 0.38 0.75 1.5 km

Bureau of Land Management, Nebraska Game & Parks Commission, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA

Notice posted at the entrance to the mining operation on August 5, 2024,



## COST SUMMARY WORK

Task description: Cost Summary

Site: Four X Ranch Gravel Pit

Permit Action: AM-1

Permit/Job#: M2014033

### PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 1/15/2025

County: Morgan

Filename: M033-000

User: JPL

Agency or organization name: DRMS

### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Grade Out Highwall	DOZER	1	6.27	\$1,365
002	Grade Topsoil/Overburden	DOZER	1	53.05	\$11,526
002a	Rip Processing Area	RIPPER	1	5.26	\$1,169
003	Reveg	REVEGE	1	25.00	\$61,811
004	Mob/Demob	MOBILIZE	1	5.14	\$4,503
<b><u>SUBTOTALS:</u></b>				<b>94.72</b>	<b>\$80,374</b>

### INDIRECT COSTS

#### OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$1,624

Performance bond: 1.05

Total = \$844

Job superintendent: 47.36

Total = \$3,754

Profit: 10.00

Total = \$8,037

TOTAL O & P = \$14,259

CONTRACT AMOUNT (direct + O & P) = \$94,633

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): \$500

Total = \$500

Engineering work and/or contract/bid preparation: 8.00

Total = \$7,571

Reclamation management and/or administration: 5.81

\$5,498

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$27,828

**TOTAL BOND AMOUNT (direct + indirect) = \$108,202**



**BULLDOZER WORK**Task description: **Grade Out Highwall**Site: **Four X Ranch Gravel Pit**Permit Action: **AM-1**Permit/Job#: **M2014033****PROJECT IDENTIFICATION**Task #: **001**State: **Colorado**Abbreviation: **None**Date: **1/15/2025**County: **Morgan**Filename: **M033-001**User: **JPL**Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**Basic Machine: **Cat D7R DS XR Series II**Horsepower: **240**Blade Type: **Semi-Universal**Attachment: **3-shank ripper**Shift Basis: **1 per day**Data Source: **(CRG)****Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$90.24	NA
Operating Cost/Hour:	\$78.95	100
Ripper own. Cost/Hour:	\$9.25	NA
Ripper op. Cost/Hour:	\$0.52	10
Operator Cost/Hour:	\$38.59	NA
Total unit Cost/Hour:	\$217.55	
Total Fleet Cost/Hour:	<b>\$217.55</b>	

**MATERIAL QUANTITIES**Initial Volume: **1,958**Swell factor: **1.430**Loose volume: **2,800 LCY**Source of estimated volume: **1,500 ft long x 15 ft deep at 1:1 slope**Source of estimated swell  
factor: **Cat Handbook****HOURLY PRODUCTION**Average push distance: **75 feet**Unadjusted hourly  
production: **854.1 LCY/hr**Materials consistency description: **Compacted fill or embankment 0.9**Average push  
gradient: **-5 %**Average site altitude: **4,650 feet**Material weight: **3,300 lbs/LCY**Weight description: **Decomposed rock - 75% Rock, 25% Earth****Job Condition Correction Factor**Operator Skill: **0.750****Source  
(AVG.)**

Material consistency:	0.900	(CAT HB))
Dozing method:	1.200	(SLOT)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	1.000	(DOZ-OC)
Push gradient:	1.115	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.697	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.5225

Adjusted unit  
production: 446.27 LCY/hr

Adjusted fleet  
production: **446.27** LCY/hr

### **JOB TIME AND COST**

Fleet size: 1 Dozer(s)

Unit cost: \$0.487/LCY

Total job time: **6.27** Hours

Total job cost: **\$1,365**

**BULLDOZER WORK**Task description: **Grade Topsoil/Overburden**Site: **Four X Ranch Gravel Pit**Permit Action: **AM-1**Permit/Job#: **M2014033****PROJECT IDENTIFICATION**Task #: **002**State: **Colorado**Abbreviation: **None**Date: **1/15/2025**County: **Morgan**Filename: **M033-002**User: **JPL**Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**Basic Machine: **Cat D7R DS XR Series II**Horsepower: **240**Blade Type: **Semi-Universal**Attachment: **3-shank ripper**Shift Basis: **1 per day**Data Source: **(CRG)****Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$90.24	NA
Operating Cost/Hour:	\$78.95	100
Ripper own. Cost/Hour:	\$9.25	NA
Ripper op. Cost/Hour:	\$0.26	5
Operator Cost/Hour:	\$38.59	NA
Total unit Cost/Hour:	\$217.29	
Total Fleet Cost/Hour:	<b>\$217.29</b>	

**MATERIAL QUANTITIES**Initial Volume: **20,200**Swell factor: **1.000**Loose volume: **20,200 LCY**Source of estimated volume: **30 acres with 5-inches**Source of estimated swell  
factor: **Cat Handbook****HOURLY PRODUCTION**Average push distance: **100 feet**Unadjusted hourly  
production: **714.3 LCY/hr**Materials consistency description: **Loose stockpile 1.2**Average push  
gradient: **0 %**Average site altitude: **4,650 feet**Material weight: **2,900 lbs/LCY**Weight description: **Decomposed rock - 50% Rock, 50% Earth****Job Condition Correction Factor**Operator Skill: **0.750**Source  
(AVG.)

Material consistency:	1.200	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.900	(SSD-FC)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.793	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.5331

Adjusted unit production: 380.79 LCY/hr

Adjusted fleet production: **380.79** LCY/hr

### **JOB TIME AND COST**

Fleet size: 1 Dozer(s)

Unit cost: \$0.571/LCY

Total job time: **53.05** Hours

Total job cost: **\$11,526**

## BULLDOZER RIPPING WORK

Task description: Rip Processing Area

Site: Four X Ranch Gravel Pit

Permit Action: AM-1

Permit/Job#: M2014033

### PROJECT IDENTIFICATION

Task #: 002A

State: Colorado

Abbreviation: None

Date: 1/15/2025

County: Morgan

Filename: M033-002a

User: JPL

Agency or organization name: DRMS

### HOURLY EQUIPMENT COST

Basic Machine: Cat D7R DS XR Series II

Horsepower: 240

Ripper Attachment: 3-Shank Ripper

Shift Basis: 1 per day

Data Source: (CRG)

#### Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	<u>\$90.24</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$78.95</u>	<u>100</u>
Ripper Ownership Cost/Hour:	<u>\$9.25</u>	<u>NA</u>
Ripper Operating Cost/Hour:	<u>\$5.20</u>	<u>100</u>
Operator Cost/Hour:	<u>\$38.59</u>	<u>NA</u>
Total Unit Cost/Hour:	<u>\$222.23</u>	
Total Fleet Cost/Hour:	<u>\$222.23</u>	

### MATERIAL QUANTITIES

Selected estimating method: Area

#### Alternate Methods:

Seismic: NA

Bank Volume: NA

BCY NA

Area: 3.00 acres

Rip Depth (ft): 1.00

Volume: 4,840

BCY or CCY

Source of estimated quantity: Division Estimate of Processing Area

### HOURLY PRODUCTION

#### Seismic:

Seismic Velocity: NA feet/second

#### Area:

Average Ripping Depth:	<u>2.45</u>	<u>feet/pass</u>
Average Ripping Width:	<u>6.50</u>	<u>feet/pass</u>
Average Ripping Length:	<u>150.00</u>	<u>feet/pass</u>
Average Dozer Speed:	<u>88.00</u>	<u>feet/minute</u>
Average Maneuver Time:	<u>0.25</u>	<u>minutes/pass</u>
Production per unit area:	<u>0.687</u>	<u>acres/hour</u>

#### Job Condition Correction Factors

Unadjusted Hourly Unit Production: 0.687 Acres/hr

Site Altitude: 4,650 feet

Altitude Adj: 1.00 (CAT HB)

Job Efficiency: 0.83 (1 shift/day)

Net Correction: 0.83 multiplier

Adjusted Hourly Unit Production: 0.57 Acres/hr

Adjusted Hourly Fleet Production: 0.57 Acres/hr

### JOB TIME AND COST

Fleet size: 1 Grader(s) Total job time: 5.26 Hours

Unit cost: \$389.675 Per acre Total job cost: \$1,169



**REVEGETATION WORK**Task description: RevegSite: Four X Ranch Gravel PitPermit Action: AM-1Permit/Job#: M2014033**PROJECT IDENTIFICATION**Task #: 003State: ColoradoAbbreviation: NoneDate: 1/15/2025County: MorganFilename: 003User: JPLAgency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
			<b>Total Fertilizer Materials Cost/Acre</b>	<b>\$0.00</b>

**Application**

Description	Cost /Acre
	\$
<b>Total Fertilizer Application Cost/Acre</b>	<b>\$0.00</b>

**TILLING**

Description	Cost /Acre
Chisel plowing {DMG}	\$102.41
Weed control spraying (MEANS 31 31 16.13 3100)	\$338.80
<b>Total Tilling Cost/Acre</b>	<b>\$441.21</b>

**SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Lovington	0.20	3.26	\$5.55
Little Bluestem - Camper	0.50	2.98	\$6.79
Sand Dropseed	0.30	35.81	\$3.90
Sideoats Grama - Vaughn	0.70	2.30	\$17.21
Red Clover - Medium	0.20	1.24	\$1.41
Smooth Brome - Lincoln	0.30	1.00	\$1.46
Thickspike Wheatgrass - Critana	0.80	2.83	\$6.52
Western Wheatgrass - Arriba	1.60	4.04	\$14.45
Prairie Sandreed - Goshen	0.40	2.51	\$6.81



<b>Totals Seed Mix</b>	5.00	55.97	<b>\$64.11</b>
------------------------	------	-------	----------------

**Application**

<b>Description</b>	<b>Cost / Acre</b>
Drill Seeding (DRMS Survey Cost)	\$236.64
<b>Total Seed Application Cost/Acre</b>	<b>\$236.64</b>

**MULCHING and MISCELLANEOUS****Materials**

<b>Description</b>	<b>Units / Acre</b>	<b>Unit</b>	<b>Cost / Unit</b>	<b>Cost / Acre</b>
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$492.78	\$985.56
<b>Total Mulch Materials Cost/Acre</b>				<b>\$985.56</b>

**Application**

<b>Description</b>	<b>Cost / Acre</b>
Crimping, with tractor {DMG survey data}	\$85.37
Power mulcher (MEANS 32 91 13.16 0350)	\$157.25
<b>Total Mulch Application Cost/Acre</b>	<b>\$242.63</b>

**NURSERY STOCK PLANTING**

<b>Common Name</b>	<b>No / Acre</b>	<b>Type and Size</b>	<b>Planting Cost</b>	<b>Fertilizer Pellet Cost</b>	<b>Cost / Acre</b>
					\$
<b>Totals Nursery Stock Cost / Acre</b>					<b>\$0.00</b>

**JOB TIME AND COST**

No. of Acres:	30	Cost /Acre:	\$1,970.15
Estimated Failure Rate:	30%	Cost /Acre*:	\$300.75
*Selected Replanting Work Items:	SEEDING		
Initial Job Cost:	<b>\$59,104.50</b>		
Reseeding Job Cost:	<b>\$2,706.75</b>		
Total Job Cost:	<b>\$61,811</b>		
Job Hours:	<b>25.00</b>		

**EQUIPMENT MOBILIZATION/DEMOBILIZATION**Task description: **Mob/Demob**Site: **Four X Ranch Gravel Pit**Permit Action: AM-1Permit/Job#: M2014033**PROJECT IDENTIFICATION**Task #: 004State: ColoradoAbbreviation: NoneDate: 1/15/2025County: MorganFilename: M033-004User: JPLAgency or organization name: DRMS**EQUIPMENT TRANSPORT RIG COST**Shift basis: 1 per dayCost Data Source: CRG DataTruck Tractor Description: GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED,  
400 HP (2ND HALF, 2006)Truck Trailer Description: GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT  
TRAILER (25T, 50T, AND 100T)**Cost Breakdown:**

<b>Available Rig Capacities</b>	<b>0-25 Tons</b>	<b>26-50 Tons</b>	<b>51+ Tons</b>
Ownership Cost/Hour:	\$10.44	\$22.18	\$23.94
Operating Cost/Hour:	\$26.48	\$54.55	\$55.65
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52
Helper Cost/Hour:	\$0.00	\$23.53	\$23.53
Total Unit Cost/Hour:	\$59.44	\$122.78	\$125.64

**NON ROADABLE EQUIPMENT:**

Machine Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Cat D7R DS XR Series II	35.93	\$99.49	\$122.78	1	\$222.27	\$122.78	\$250.00
Drill/Broadcast Seeder with Tractor	25.00	\$41.02	\$59.44	2	\$200.92	\$118.88	\$500.00
Power Mulcher (Bowie LD-90)	6.00	\$27.21	\$59.44	1	\$86.65	\$59.44	\$250.00

Subtotals: **\$509.84** **\$301.10** **\$1,000.00****ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
---------------------	------------------------	------------	-----------------------------	-------------------------------

Subtotals: **\$0.00** **\$0.00**

**EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:	FT MORGAN	
Total one-way travel distance:	10.00	miles
Average Travel Speed:	35.00	mph

Total Non-Roadable Mob/Demob Cost *	\$4,502.75
** two round trips with haul rig:	
Total Roadable Mob/Demob Cost **	\$0.00
** one round trip, no haul rig:	

**Transportation Cycle Time:**

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.29	0.29
Return Time (Hours):	0.29	0.29
Loading Time (Hours):	1.00	NA
Unloading Time (Hours):	1.00	NA
Subtotals:	2.57	0.57

**JOB TIME AND COST**

Total job time:	5.14	Hours
-----------------	------	-------

Total job cost:	\$4,503
-----------------	---------



# STATE OF COLORADO

DIVISION OF RECLAMATION, MINING AND SAFETY  
Department of Natural Resources

1313 Sherman St., Room 215  
Denver, Colorado 80203  
Phone: (303) 866-3567  
FAX: (303) 832-8106

RECEIVED

JAN 17 2025

MORGAN COUNTY

CONSTRUCTION MATERIALS

REGULAR (112) OPERATION

RECLAMATION PERMIT APPLICATION FORM



CHECK ONE: ☒ There is a File Number Already Assigned to this Operation

Permit # M - 2014 - 033 - (Please reference the file number currently assigned to this operation)

☐

New Application (Rule 1.4.5)

☒

Amendment Application (Rule 1.10)

☐

Conversion Application (Rule 1.11)

Permit # M - 2014 - 033 - (provide for Amendments and Conversions of existing permits)

The application for a Construction Materials Regular 112 Operation Reclamation Permit contains three major parts: (1) the application form; (2) Exhibits A-S, Addendum 1, any sections of Exhibit 6.5 (Geotechnical Stability Exhibit; and (3) the application fee. When you submit your application, be sure to include one (1) complete signed and notarized ORIGINAL and one (1) copy of the completed application form, two (2) copies of Exhibits A-S, Addendum 1, appropriate sections of 6.5 (Geotechnical Stability Exhibit, and a check for the application fee described under Section (4) below. Exhibits should **NOT** be bound or in a 3-ring binder; maps should be folded to 8 1/2" X 11" or 8 1/2" X 14" size. To expedite processing, please provide the information in the format and order described in this form.

## GENERAL OPERATION INFORMATION

Type or print clearly, in the space provided, **ALL** information requested below.

1. **Applicant/operator or company name (name to be used on permit):** KS Land, LLC
  - 1.1 Type of organization (corporation, partnership, etc.): partnership
2. **Operation name (pit, mine or site name):** Four X Ranch Gravel Pit
3. **Permitted acreage (new or existing site):**

	<u>33.2</u>	permitted acres
3.1 Change in acreage (+)	<u>43.91</u>	acres
3.2 Total acreage in Permit area	<u>77.11</u>	acres
4. **Fees:**

4.1 New Application	<u>\$2,696.00</u>	application fee
4.2 New Quarry Application	<u>\$3,342.00</u>	quarry application
4.4 Amendment Fee	<u>\$2,229.00</u>	amendment fee
4.5 Conversion to 112 operation (set by statute)	<u>\$2,696.00</u>	conversion fee
5. **Primary commodity(ies) to be mined:**

	Aggregate	Gravel	
5.1 Incidental commodity(ies) to be mined:	1. <u>-</u> lbs/Tons/yr	2. <u>/</u> lbs/Tons/yr	
	3. <u>/</u> lbs/Tons/yr	4. <u>/</u> lbs/Tons/yr	5. <u>/</u> lbs/Tons/yr
5.2 Anticipated end use of primary commodity(ies) to be mined:	<u>construction</u>		
5.3 Anticipated end use of incidental commodity(ies) to be mined:	<u>n/a</u>		