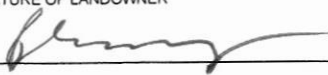


MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION PROGRAM
MINE PLAN

RECEIVED
MO LAND RECLAMATION COMM.

NOV 22 2013

PERMIT NAME The Family Ranch, LLC		PERMIT NUMBER 1105	
SITE NAME The Family Ranch Reclamation Project		SITE NUMBER 2516	
MINERAL COMMODITY Limestone	ESTIMATED TONS/YEAR SAND/GRAVEL ONLY N/A	MINE PLAN ACRES 70	COUNTY Jackson
¼ SECTION NE	SECTION 35	TOWNSHIP 48N	RANGE 32W
TYPE OF MINE PLAN (CHECK ONE): <input type="checkbox"/> SHORT TERM - FOR ONE PERMIT YEAR <input checked="" type="checkbox"/> LONG TERM - FOR PERIOD THROUGH DATE 1/1/2024			
LANDOWNER			
PRINTED NAME OF LANDOWNER Mr. Phillip Short		TELEPHONE NUMBER WITH AREA CODE (816) 802-6800	
MAILING ADDRESS 801 NW Commerce Drive	CITY Lee's Summit	STATE Missouri	ZIP CODE 64086
MINERAL RIGHTS OWNER			
MINERAL RIGHTS OWNER Mr. Phillip Short		TELEPHONE NUMBER WITH AREA CODE (816) 802-6800	
MAILING ADDRESS 801 NW Commerce Drive	CITY Lee's Summit	STATE Missouri	ZIP CODE 64086
LEGAL RIGHT TO MINE - (CHECK ONE)			
<input type="checkbox"/> Mineral Deed <input checked="" type="checkbox"/> Warranty Deed <input type="checkbox"/> Lease <input type="checkbox"/> Verbal			
<input type="checkbox"/> Other (Describe): _____ Date of Agreement: 11/15/2012, 12/14/2012 & 4/15/2013			
Does this site conform to all Planning / Zoning requirements? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable			
Is this Mine Plan boundary located 1,000 ft. or closer to the property boundary of an accredited school that has been established for five or more years? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable			
Note: Each site must be shown on a map and be published in a public notice.			
LANDOWNER SIGNATURE - (REQUIRED FROM EACH LANDOWNER IN AREAS LEASED AFTER AUGUST 28, 1990)			
By my signature, I attest to the following: <ol style="list-style-type: none">1. I have received a copy, understand and give approval of the proposed post-mining land use(s) and revegetation plan(s) to be utilized during reclamation.2. I understand that if the operator seeks to revise the post-mine land use(s) or revegetation plan(s), the operator will ask for my approval and signature. I will be given a copy of the revised post-mining land use(s) and revegetation plan(s) prior to the revision being implemented.3. I hereby grant to the Staff Director of the Land Reclamation Program and authorized representatives the right of entry upon our lands or surface mining operations for the purpose of making necessary field inspections, covering land reclamation in order to ensure compliance with The Land Reclamation Act, Sections 444.760 to 444.790 RSMo.			
PRINTED NAME OF LANDOWNER Mr. Phillip Short		SIGNATURE OF LANDOWNER 	DATE 11/14/13
PERMIT NUMBER 1105	SITE NAME The Family Ranch Reclamation Project		SITE NUMBER 2516

NOV 22 2013

NOV 22 2013

PERFORMANCE STANDARDS**LATERAL SUPPORT REQUIREMENTS**

WILL ANY EXCAVATION BE AT OR WITHIN 50' OF THE RIGHT-OF-WAY OF ANY PUBLIC ROAD?

IF YES, DESCRIBE:

☐ Yes ☒ No

HAS EXCAVATION WITHIN 50' OF THE RIGHT-OF-WAY BEEN APPROVED BY THE ROAD AUTHORITY HAVING JURISDICTION OVER THE ROAD?

EXCAVATION WITHIN 50' OF THE RIGHT-OF-WAY REQUIRES A VARIANCE. HAS LAND RECLAMATION COMMISSION GRANTED THE REQUIRED VARIANCE?

☐ Yes - APPROVAL ATTACHED ☐ No ☒ Not Applicable☐ Yes ☐ No ☒ Not Applicable

WILL ANY HIGHWALL CONSISTING OF UNCONSOLIDATED MATERIALS BE LEFT WITHIN 50 FEET OF THE RIGHT-OF-WAY OF ANY PUBLIC ROAD?

HAS LAND RECLAMATION COMMISSION GRANTED A VARIANCE?

☐ Yes ☒ No☐ Yes ☒ No**SAFETY BARRIER REQUIREMENTS**

WILL ANY EXCAVATION START AT OR BE WITHIN 50' OF ANY PROPERTY LINE OR ROAD RIGHT-OF-WAY?

IF YES, WILL SAFETY BARRIER, AT LEAST 3 FEET IN HEIGHT, BE ERECTED?

☐ Yes ☒ No☐ Yes ☐ No**ACID FORMING MATERIAL REQUIREMENTS**

ARE ACID FORMING MATERIALS PRESENT?

IF YES, PLEASE DESCRIBE HOW THE MATERIAL WILL BE HANDLED.

☐ Yes ☐ No ☒ None Anticipated

If encountered during mining, refer to 10 CSR 40-10.050(5)(C)

TOPSOIL REQUIREMENTS

ARE 12 INCHES OF TOPSOIL PRESENT?

IF NO, DESCRIBE DEPTH OF TOPSOIL PRESENT:

☒ Yes ☐ No

WILL TOPSOIL BE REMOVED?

IF YES, DESCRIBE METHOD OF REMOVAL:

☒ Yes ☐ No

Topsoil will be stripped and stockpiled and/or used for berming on site for reapplication as excavation is completed. Equipment to be used includes tractors and pans, off-road trucks, dozers and excavators.

WILL TOPSOIL BE SOLD OR DISCARDED OFF-SITE?

IF YES, DESCRIBE:

☐ Yes ☒ No

WILL ENOUGH TOPSOIL BE LEFT ON-SITE FOR RECLAMATION REQUIREMENTS?

IF NO, DESCRIBE:

☒ Yes ☐ No

WILL TOPSOIL BE STOCKPILED?

IF YES, DESCRIBE THE LOCATION OF STOCKPILE WITHIN PERMIT AREA:

☒ Yes ☐ No

It is anticipated that topsoil will be stockpiled and/or used for berming and located in a stable area.

IF TOPSOIL IS STOCKPILED, WILL STOCKPILE BE GRADED AND SEEDED?

IF YES, DESCRIBE SEED MIX TO BE USED:

☒ Yes ☐ No

Seeding of the topsoil stockpiles will be accomplished with an Oat/Rye/Wheat/Ryegrass blend and/or Fescue for long term vegetation.

PERMIT NUMBER

1105

SITE NAME

The Family Ranch Reclamation Project

SITE NUMBER

2516

NOV 22 2013

OVERBURDEN REQUIREMENTS		
WILL OVERBURDEN BE USED AS A SUBSTITUTE MATERIAL FOR TOPSOIL? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	IF YES, DESCRIBE:	
WILL OVERBURDEN BE STOCKPILED? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	IF YES, DESCRIBE THE LOCATION OF STOCKPILE WITHIN PERMIT AREA: Overburden will be stockpiled near the present phase of excavation. The Overburden will be placed within the mined areas once the rock has been removed and processed.	
IF OVERBURDEN IS STOCKPILED, WILL STOCKPILE BE GRADED AND SEEDED? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	IF YES, DESCRIBE SEED MIX TO BE USED: Seeding of the Overburden stockpiles will be accomplished with an Oat/Rye/Wheat/Ryegrass blend and/or Fescue for long term vegetation.	
SPOIL REQUIREMENTS		
WILL SPOIL BE STORED ON SITE? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	IF YES, DESCRIBE: Same as Overburden.	
POST-MINING LAND USES		
CHECK ALL POST-MINING LAND USES THAT APPLY:	ACRES PER LAND USE	CIRCLE ALL THAT APPLY AND/OR FILL IN "OTHER" DESCRIPTION
<input type="checkbox"/> Wildlife* *(protected from livestock)		Forest, wildlife habitat, rocky outcropping, other: _____
<input type="checkbox"/> Agricultural		Pasture, cropland, horticultural, other: _____
<input checked="" type="checkbox"/> Development	70	Residential, industrial, recreational, other: <u>Commercial</u>
<input type="checkbox"/> Water Impoundments		Pond with dam, filled pit - no dam, other: _____
GRADING REQUIREMENTS		
DESCRIBE SITE PRIOR TO PERMITTING: INCLUDING SOIL, VEGETATION AND TOPOGRAPHY. The site was underground mined from the mid-1960's to the early 1980's. Areas of dome outs exist due to the mining. Otherwise, the site has fairly level, gradual terrain with grasses and trees.		
WILL UNCONSOLIDATED MATERIALS IN AFFECTED AREAS BE GRADED TO A FREE DRAINING TOPOGRAPHY TRAVERSABLE BY FARM MACHINERY AND SUITABLE FOR THE INTENDED LAND USE? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	IF NO, DESCRIBE:	
WILL POST MINE GRADING MATCH THE SLOPE THAT EXISTED PRIOR TO MINING? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	IF NO, DESCRIBE: Land will be rough graded, suitable for development with maximum Slope of 3:1.	
WILL ANY HIGHWALL CONSISTING OF CONSOLIDATED MATERIALS BE LEFT ON THE PROPERTY? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	IF YES, DESCRIBE METHOD OF RECLAMATION, IF ANY:	
TIMING OF RECLAMATION		
WILL GRADING AND TOPSOIL REPLACEMENT REQUIREMENTS BE COMPLETED WITHIN ONE YEAR AFTER VIABLE MINERAL RESERVES IS COMPLETE IN THAT PORTION OF THE PERMIT AREA BASED ON THE OPERATOR'S PRIOR MINING PRACTICES ON THAT SITE? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	IF NO, DESCRIBE:	
WILL SEEDING AND PLANTING REQUIREMENTS BE COMPLETED WITHIN TWO YEARS AFTER VIABLE MINERAL RESERVES IS COMPLETE IN THAT PORTION OF THE PERMIT AREA BASED ON THE OPERATOR'S PRIOR MINING PRACTICES ON THAT SITE? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	IF NO, DESCRIBE:	
PERMIT NUMBER 1105	SITE NAME The Family Ranch Reclamation Project	SITE NUMBER 2516

NOV 22 2013

REVEGETATION PLAN - (ATTACH ADDITIONAL SHEETS, IF NEEDED)**PLAN #1**

POST-MINING LAND USE

Economic Development

SEEDING OR PLANTING TIME

3/15 to 5/15 or 8/15 to 9/15

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Seed shall be hand spread, hydro seeded or till and harrow.

Lime and fertilizer will be applied according to recommendations based upon soil analyses from a qualified soils lab. Mulch will be applied to all slopes exceeding 5:1.

Seeded Species	Pounds/Acre	Tree or Shrub Species	Stems/Acre
Temp: Oat/Rye/Wheat/Ryegrass	80 to 100 lbs PLS	As they naturally occur	
Perm: K-31Fescue; Ryegrass	90 lbs PLS; 50 lbs PLS		

PLAN #2

POST-MINING LAND USE

N/A

SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations based upon soil analyses from a qualified soils lab. Mulch will be applied to all slopes exceeding 5:1.

Seeded Species	Pounds/Acre	Tree or Shrub Species	Stems/Acre

PLAN #3

POST-MINING LAND USE

N/A

SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations based upon soil analyses from a qualified soils lab. Mulch will be applied to all slopes exceeding 5:1.

Seeded Species	Pounds/Acre	Tree or Shrub Species	Stems/Acre

SUBSTITUTION OF PREVIOUSLY MINED LAND FOR RECLAMATION

DOES THE OPERATOR PLAN TO SUBSTITUTE PREVIOUSLY MINED LAND FOR THE ACTUAL AREA DISTURBED BY THE PERMITTED MINING?

IF YES, DESCRIBE:

☐ Yes ☒ No

PERMIT NUMBER

1105

SITE NAME

The Family Ranch Reclamation Project

SITE NUMBER

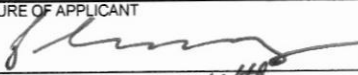
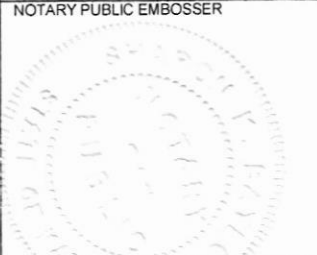
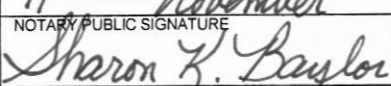
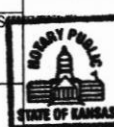
2516

NOV 22 2013


APPLICANT SIGNATURE AND NOTARIZATION REQUIRED

By my signature, I attest to the following:

1. I am qualified under regulatory definition to be the responsible official for the above-named permit.
2. All statements made on this Mine Plan are correct, complete, and true, to the best of my knowledge.
3. I, or the company I am authorized to represent, intend to mine in accordance with this Mine Plan, in accordance with The Land Reclamation Act, Sections 444.760 through 444.790, RSMo, and all rules, regulations, orders, decisions, conditions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
4. I have obtained the approval of all landowners, (for all lease agreements made after Aug. 28, 1990 on leased land) for all proposed post-mine land use(s) and revegetation plan(s) and have given the landowner a copy of the Mine Plan. If the post-mine land use or revegetation plan changes, I will notify the landowner(s) and submit a new mine plan with new landowner signature(s) dated prior to the changes being implemented.
5. We, the undersigned, hereby grant to the Staff Director of the Land Reclamation Commission and authorized representatives the right of entry upon our lands or surface mining operations for the purpose of making necessary field inspections, covering land reclamation in order to ensure compliance with The Land Reclamation Act, Sections 444.760 to 444.790 RSMo.

SIGNATURE OF APPLICANT 		TITLE Managing Member	DATE 11/14/13
Appeared before me this <u>14th</u> day of <u>November</u> , 20 <u>13</u> to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSEUR 	STATE Kansas	COUNTY (OR CITY OF ST. LOUIS) Johnson	
SUBSCRIBED AND SWORN BEFORE ME, THIS <u>14th</u> DAY OF <u>November</u> YEAR <u>2013</u>		RUBBER STAMP CLEAR AREA BELOW	
NOTARY PUBLIC SIGNATURE 		MY COMMISSION EXPIRES 6-13-17	
NOTARY PUBLIC NAME (TYPED OR PRINTED) Sharon K. Baylor		 SHARON K. BAYLOR My Appt. Exp. _____	

FOR DEPARTMENT USE ONLY

APPROVED BY 	DATE APPROVED 5-2-2014	PERMIT NUMBER 1105	SITE NUMBER 2516
----------------------------------------------------------------------------------------------------	---------------------------	-----------------------	---------------------