



COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY
MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

MINE NAME: Korinek #1 Pit	MINE/PROSPECTING ID#: M-1979-131	MINERAL: Sand and gravel	COUNTY: Crowley
INSPECTION TYPE: Surety-Related Inspection	INSPECTOR(S): Amy Eschberger	INSP. DATE: March 17, 2015	INSP. TIME: 11:30
OPERATOR: Korinek Sand & Gravel	OPERATOR REPRESENTATIVE: Gerald Korinek	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Surety Related	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$76,947.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: <i>Amy Eschberger</i>	SIGNATURE DATE: April 1, 2015

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>Y</u>	(SB) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	(ST) STIPULATIONS----- <u>NA</u>

Y = Inspected and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This was a surety-related inspection of the Korinek #1 Pit (Permit No. M-1979-131) conducted by Amy Eschberger of the Division of Reclamation, Mining and Safety (Division) in response to a Surety Reduction request (SR-01) that was received by the Division on March 03, 2015. The Operator, Mr. Gerald Korinek of Korinek Sand & Gravel was present for the inspection. This site is located approximately 5.5 miles northeast of Manzanola, Colorado in Crowley County, on land owned by Fred Korinek. The site is situated just north of the Arkansas River on land that is predominantly flat on the northern half, with gentle slopes toward the river on the southern half. The site can be accessed from the west by County Lane 13, or from the north by County Lane 15. The approved post-mining land use is primarily rangeland, with industrial/commercial use for the storage yard in the southeast corner.

This is a 112c operation permitted for 45.20 acres to mine sand and gravel to maximum depths of 20-25 feet. This site was initially permitted as a 110c operation before a conversion was approved on January 08, 2010, adding 36.7 acres to the permit area. The permit area includes a pre-law gravel pit in its southeastern portion. There are several small stockpiles of different sizes associated with this pre-law pit scattered throughout this area and a small pre-law excavated pond (with approximately 0.18 acres of exposed groundwater). In the southwestern portion of the permit area is approximately 3.6 acres of reclaimed land that is fenced off from the rest of the site. A residence, several storage sheds, and various pieces of equipment and trucks owned by Mr. Frank Korinek are located just south of the site.

At the time of the inspection, the weather was cloudy and cool, and the ground was dry. The permit sign was posted at the entrance to the mine site off of County Lane 13 (Photo 1). The permit boundary was delineated with metal posts. The mine was operational during the inspection. Material is processed with portable crushing/screening equipment located at the center of the pit (Photo 2). Several stockpiles of processed material are stored inside the pit (Photo 3). The mined wall is approximately 15-20 feet in height and approximately 1,285 feet in length. This wall daylights primarily to the south/southwest, with slope gradients of 0.5H:1V to 1H:1V (Photos 4 and 5). Recent mining expanded the eastern portion of the active pit slightly northeastward and southeastward (Photo 6).

A portion of County Lane 15, which initially ran southwest through the middle of the site, separating the pre-law gravel pit to the east and the active mining area to the west, was relocated by the County some time between early 2013 and late 2014. This road only serves as access to the Korinek property. In the approved Mining Plan, the Operator stated that this road would need to be diverted around the mine, and would remain after reclamation. However, its final location is not shown on the approved maps. Approximately 2,000 feet of the road now runs along the northwestern and western edges of the permit boundary. It appears that the far northwestern corner of the permit boundary overlaps this road. The Operator provided a structure agreement with the County for this road in the approved permit application. However, as discussed with Mr. Korinek during the inspection, the Operator will need to submit a Technical Revision (see enclosed form) to update the Mining Plan Map and Reclamation Plan Map to show the final configuration of this road, including any setbacks the mining operation will need to maintain. The approved maps are enclosed with this report for reference.

There appears to be an adequate amount of topsoil stockpiled in berms along the top of the highwall. These stockpiles appeared to be stable. In addition, there is a stockpile of approximately 1,600 CY of topsoil present in the pre-law gravel pit area (Photo 7). According to Mr. Korinek, this stockpile was left here by the County during re-construction of County Lane 15, and it can be used for reclamation of this site. There are two areas located in the western portion of the site which are under reclamation. The area farthest west is 1.9 acres in size (Photos 8 and 9). This area has been graded to 3H:1V or flatter, and according to the Operator, was retopsoiled

and seeded within the last few years. Mr. Korinek indicated there had been some success with grass growth in this area until a dirt storm killed off the grasses, leaving mainly Russian thistle (tumbleweeds) behind. He has since then removed most of the thistle from this area and intends to reseed it this spring. The smaller area in reclamation is located just east of this larger graded area, and is 0.67 acres in size. This land is fenced off from the rest of the site (Photos 10 and 11). Revegetation efforts have proven difficult in this area as well. The Operator is attempting to irrigate this portion of land, and will reseed it in the spring, if necessary.

The Division estimates that the mining operation has currently disturbed approximately 8.25 acres, not including the 2.57 acres that are in reclamation (see enclosed Google Earth image of site). This is a phased mining operation that is currently in Phase 1, with smaller portions of Phases 2 and 3 also being mined. The maximum allowed disturbed acreage for this site is 10 acres. Therefore, before disturbing more than 10 acres, the Operator will need to submit a Technical Revision to increase the maximum allowed disturbed acreage.

After conducting the inspection, the Division completed a bond calculation to account for current disturbance and reclamation work that has been completed since the last inspection (see enclosed bond calculation). The Division estimates the required Financial Warranty for this site to be in the amount of \$45,072.00. This is a reduction of \$31,875.00 from the currently held bond of \$76,947.00. No written objections to the Surety Reduction request (SR-01) were received by the Division within the public comment period that ended on March 28, 2015. Therefore, the Division will approved the SR-01 (see enclosed Approval Letter).

PHOTOGRAPHS



Photo 1. View of permit sign posted at mine entrance off of County Lane 13.



Photo 2. View of small processing area located at center of active pit.



Photo 3. View looking into pit from top of mined wall near western edge of permit boundary.



Photo 4. View of mined wall along northeastern edge of pit. Note portion of topsoil stockpiles visible at top of mined wall.



Photo 5. View of mined wall along northwestern edge of pit. Note topsoil berm along top of mined wall.



Photo 6. View looking southwest across eastern portion of pit where most recent mining has taken place.



Photo 7. View of topsoil stockpile located in pre-law gravel pit in eastern portion of site.



Photo 8. View looking southwest from western permit boundary, showing 1.9 acre area under reclamation. Note area has been graded to 3H:1V or flatter and requires revegetation.



Photo 9. View looking east from western permit boundary, showing southern portion of 1.9 acre area under reclamation. Note area has been graded to 3H:1V or flatter and requires revegetation.



Photo 10. View looking west at southern portion of 0.67 acre area under reclamation. Note area has been graded to 3H:1V or flatter and requires revegetation.



Photo 11. View looking northwest at northern portion of 0.67 acre area under reclamation. Note area has been graded to 3H:1V or flatter and requires revegetation.

Inspection Contact Address

Gerald Korinek
Korinek Sand & Gravel
640 County Lane 15
Manzanola, CO 81058

Enclosure(s): Technical Revision form
Approved Mining Plan Map and Reclamation Plan Map
Google Earth image of site with Division markings
Revised Bond Calculation
SR-01 Approval Letter

CC: Tom Kaldenbach, DRMS



COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY

1313 Sherman Street, Room 215, Denver, Colorado 80203 ph(303) 866-3567

REQUEST FOR TECHNICAL REVISION (TR) COVER SHEET

File No.: M- _____ Site Name: _____

County _____ TR# _____ (DRMS Use only)

Permittee: _____

Operator (If Other than Permittee): _____

Permittee Representative: _____

Please provide a brief description of the proposed revision: _____

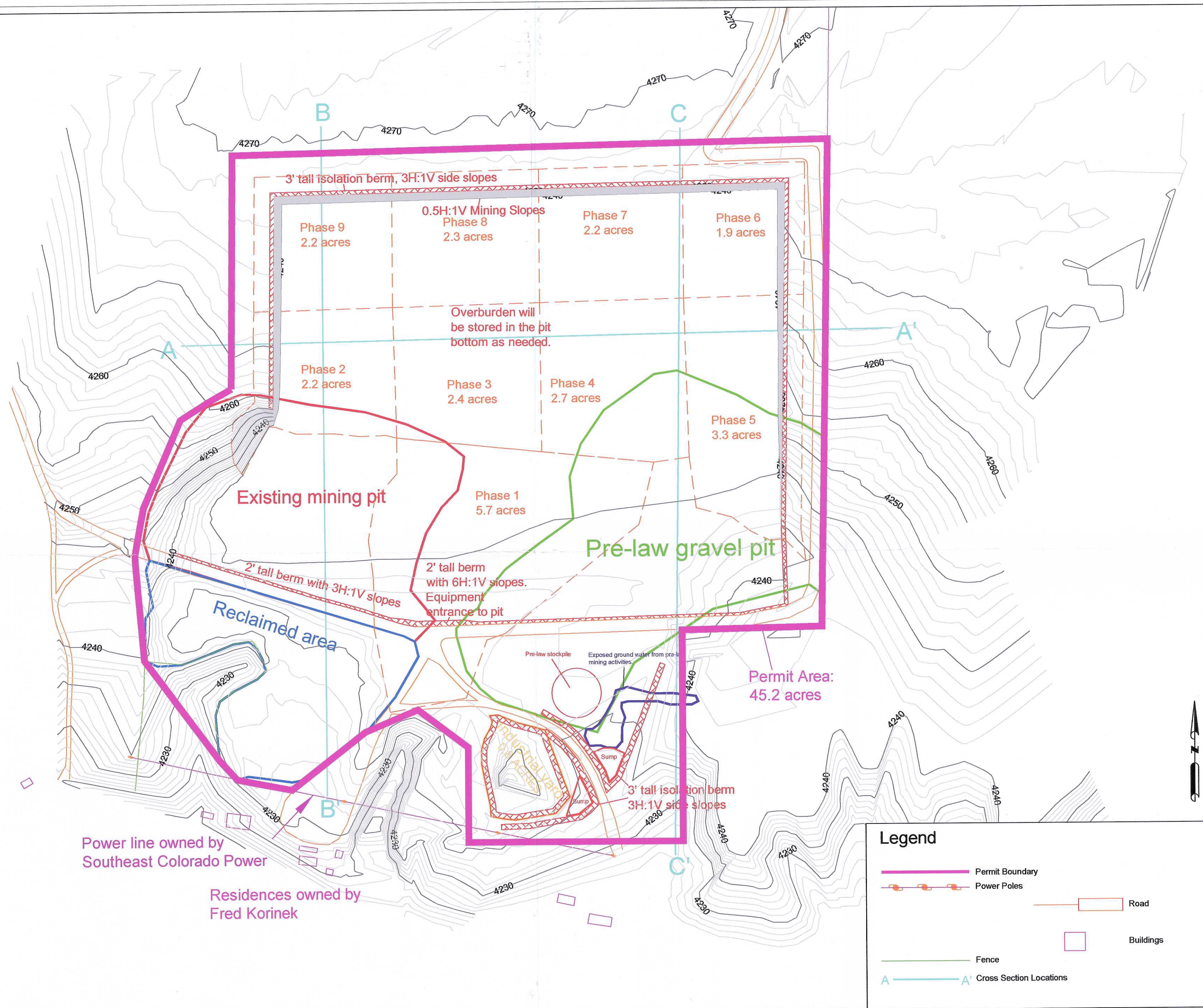
As defined by the Minerals Rules, a Technical Revision (TR) is: “a change in the permit or application which does not have more than a minor effect upon the approved or proposed Reclamation or Environmental Protection Plan.” The Division is charged with determining if the revision as submitted meets this definition. If the Division determines that the proposed revision is beyond the scope of a TR, the Division may require the submittal of a permit amendment to make the required or desired changes to the permit.

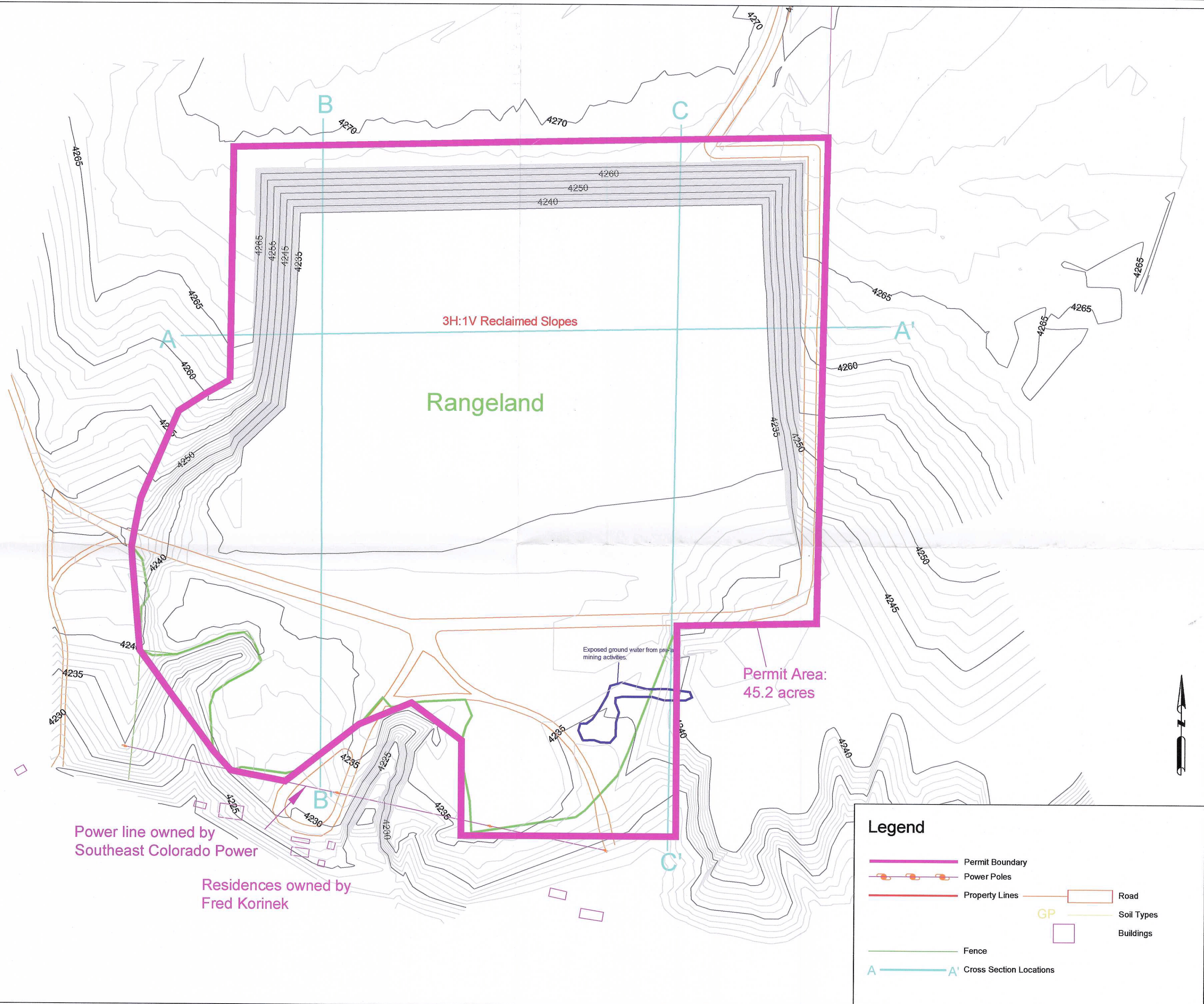
The request for a TR is not considered “filed for review” until the appropriate fee is received by the Division (as listed below by permit type). Please submit the appropriate fee with your request to expedite the review process. After the TR is submitted with the appropriate fee, the Division will determine if it is approvable within 30 days. If the Division requires additional information to approve a TR, you will be notified of specific deficiencies that will need to be addressed. If at the end of the 30 day review period there are still outstanding deficiencies, the Division must deny the TR unless the permittee requests additional time, in writing, to provide the required information.

There is no pre-defined format for the submittal of a TR; however, it is up to the permittee to provide sufficient information to the Division to approve the TR request, including updated mining and reclamation plan maps that accurately depict the changes proposed in the requested TR.

Required Fees for Technical Revision by Permit Type - Please mark the correct fee and submit it with your request for a Technical Revision.

<u>Permit Type</u>	<u>Required TR Fee</u>	<u>Submitted</u> (mark only one)
110c, 111, 112 construction materials, and 112 quarries	\$216	<input type="checkbox"/>
112 hard rock (not DMO)	\$175	<input type="checkbox"/>
110d, 112d(1, 2 or 3)	\$1006	<input type="checkbox"/>

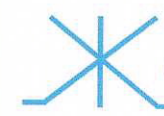




Notes:

Revisions	By	Date	Designed: Ben Langenfeld
			Drawn: Ben Langenfeld
			Checked: Greg Lewicki
			Approved: Greg Lewicki

Date
May 26, 2009
Scale
1" = 150'

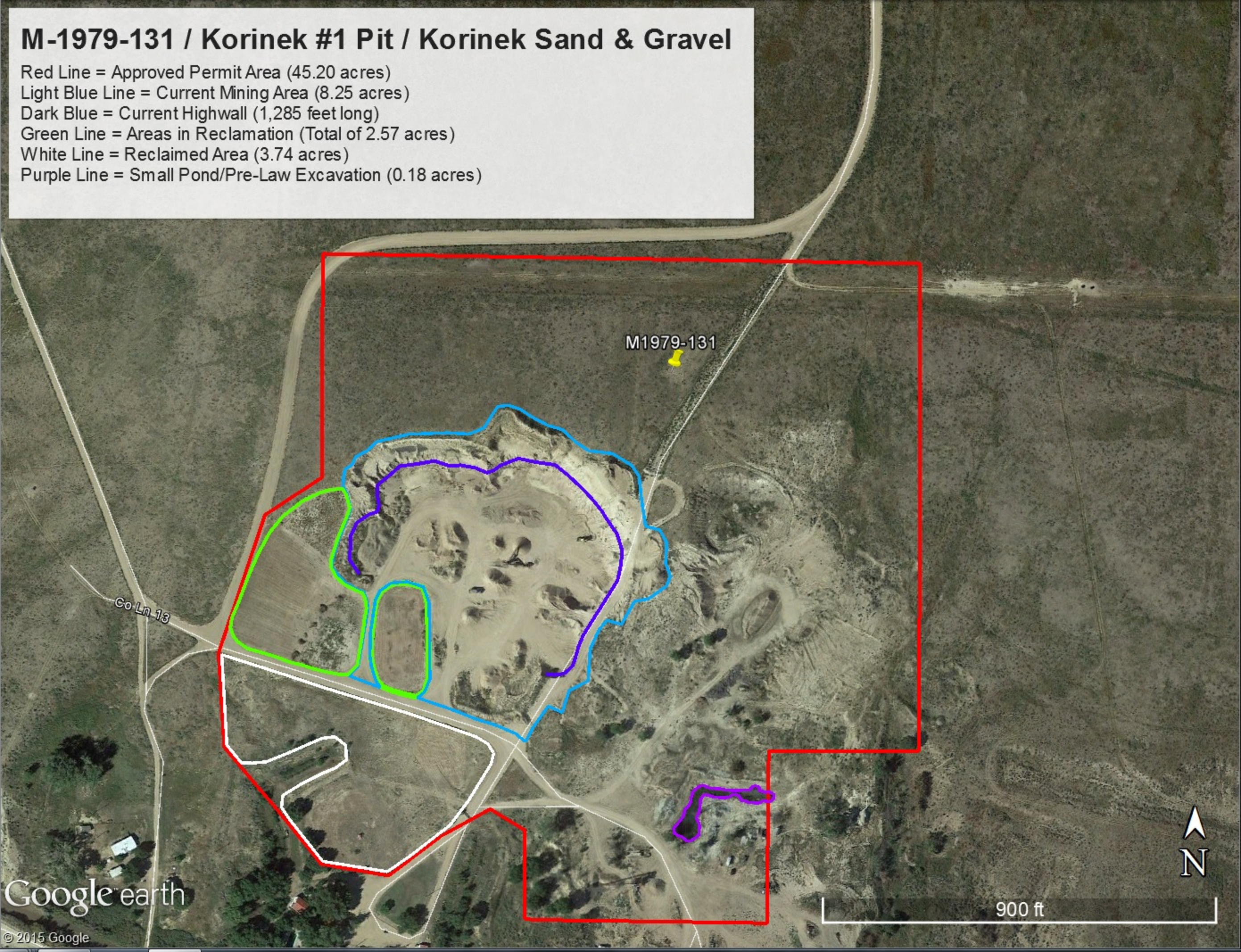
 **Greg Lewicki And Associates, PLLC**
11541 Warrington Court
Parker, CO USA 80138
Phone (303)-346-5196
E-Mail - info@lewicki.biz

Map F - Reclaimed Conditions
Korinek Pit #1
Fred Korinek

4.

M-1979-131 / Korinek #1 Pit / Korinek Sand & Gravel

Red Line = Approved Permit Area (45.20 acres)
Light Blue Line = Current Mining Area (8.25 acres)
Dark Blue = Current Highwall (1,285 feet long)
Green Line = Areas in Reclamation (Total of 2.57 acres)
White Line = Reclaimed Area (3.74 acres)
Purple Line = Small Pond/Pre-Law Excavation (0.18 acres)



COST SUMMARY WORK

Task description: Cost Summary

Site: Korinek #1 Pit Permit Action: SR-01 2015 Permit/Job#: M1979131

PROJECT IDENTIFICATION

Task #: 000 State: Colorado Abbreviation: None
Date: 3/30/2015 County: Crowley Filename: M131-000
User: AME

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Grade mined slopes to 3H:1V (cut and fill)	DOZER	1	30.60	\$6,815.00
002	Rip 10 acres	RIPPER	1	14.72	\$3,280.00
003	Spread 6 inches topsoil on 10 acres	DOZER	1	31.82	\$7,086.00
004	Revegetate 10 acres to rangeland	REVEGE	1	40.00	\$12,480.00
005	Mobilization/Demobilization	MOBILIZE	1	6.63	\$2,944.00
<u>SUBTOTALS:</u>				123.77	\$32,605

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02%	Total =	\$658.62
Performance bond:	1.05%	Total =	\$342.35
Job superintendent:	61.89 hrs	Total =	\$4,651.28
Profit:	10.00%	Total =	\$3,260.50

TOTAL O & P = \$8,912.75

CONTRACT AMOUNT (direct + O & P) = \$41,517.75

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	<u>500.00</u>	Total =	<u>500.00</u>
Engineering work and/or contract/bid preparation:	<u>0.00%</u>	Total =	<u>\$0.00</u>
Reclamation management and/or administration:	<u>5.00%</u>		<u>\$2,075.89</u>

CONTINGENCY: 3.00 Total = \$978.15

TOTAL INDIRECT COST = \$12,466.79

TOTAL BOND AMOUNT (direct + indirect) = \$45,071.79

BULLDOZER WORKTask description: Grade mined slopes to 3H:1V (cut and fill)Site: Korinek #1 PitPermit Action: SR-01 2015Permit/Job#: M1979131**PROJECT IDENTIFICATION**Task #: 001State: ColoradoAbbreviation: NoneDate: 3/30/2015County: CrowleyFilename: M131-001User: AMEAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D8T - 8SUHorsepower: 310Blade Type: Semi-UniversalAttachment: 3-shank ripperShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$69.05	NA
Operating Cost/Hour:	\$108.22	100
Ripper op. Cost/Hour:	\$7.46	100
Operator Cost/Hour:	\$38.01	NA

Total unit Cost/Hour: \$222.73Total Fleet Cost/Hour: \$222.73**MATERIAL QUANTITIES**Initial Volume: 9,260Swell factor: 1.125Loose volume: 10,418 LCYSource of estimated volume: DRMS/Exhibit L: 2,000 ft length x 20 ft heightSource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 150 feetUnadjusted hourly production: 634.3 LCY/hrMaterials consistency description: Compacted fill or embankment 0.9Average push gradient: -5 %Average site altitude: 4,250 feetMaterial weight: 2,650 lbs/LCYWeight description: Decomposed rock - 25% Rock, 75% Earth**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	0.900	(CAT HB))
Dozing method:	1.100	(50% SL)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.900	(SSD-FC)

Push gradient:	1.115	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.5368

Adjusted unit production: 340.49 LCY/hr

Adjusted fleet production: **340.49** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$0.654/LCY

Total job time: **30.60** Hours

Total job cost: **\$6,815**

BULLDOZER RIPPING WORK

Task description: Rip 10 acres

Site: Korinek #1 Pit Permit Action: SR-01 2015 Permit/Job#: M1979131

PROJECT IDENTIFICATION

Task #: 002 State: Colorado Abbreviation: None
Date: 3/30/2015 County: Crowley Filename: M131-002
User: AME

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Basic Machine: Cat D8T - 8SU Horsepower: 310
Ripper Attachment: 3-Shank Ripper Shift Basis: 1 per day
Data Source: (CRG)

Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	\$69.05	NA
Operating Cost/Hour:	\$108.22	100
Ripper Operating Cost/Hour:	\$7.46	100
Operator Cost/Hour:	\$38.01	NA
Total Unit Cost/Hour:	\$222.73	
Total Fleet Cost/Hour:	\$222.73	

MATERIAL QUANTITIES

Selected estimating method: Area

Alternate Methods:

Seismic: NA Bank Volume: NA BCY NA
Area: 10.00 acres Rip Depth (ft): 1.50 Volume: 24,200 BCY or CCY

Source of estimated quantity: Exhibit L

HOURLY PRODUCTION

Seismic:

Seismic Velocity: NA feet/second

Area:

Average Ripping Depth: 2.56 mph
Average Ripping Width: 7.08 degrees
Average Ripping Length: 450.00 feet
Average Dozer Speed: 88.00 feet
Average Maneuver Time: 0.25 feet
Production per unit area: 0.818 acres/hour

Job Condition Correction Factors

Unadjusted Hourly Unit Production: 0.818 Acres/hr
Site Altitude: 4,250 feet
Altitude Adj: 1.00 (CAT HB)
Job Efficiency: 0.83 (1 shift/day)
Net Correction: 0.83 multiplier

Adjusted Hourly Unit Production: 0.68 Acres/hr
Adjusted Hourly Fleet Production: **0.68** Acres/hr

JOB TIME AND COST

Fleet size: 1 Grader(s) Total job time: **14.73** Hours

Unit cost: \$327.983 Per acre Total job cost: **\$3,280**

BULLDOZER WORKTask description: Spread 6 inches topsoil on 10 acresSite: Korinek #1 PitPermit Action: SR-01 2015Permit/Job#: M1979131**PROJECT IDENTIFICATION**Task #: 003State: ColoradoAbbreviation: NoneDate: 3/30/2015County: CrowleyFilename: M131-003User: AMEAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D8T - 8SUHorsepower: 310Blade Type: Semi-UniversalAttachment: 3-shank ripperShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$69.05	NA
Operating Cost/Hour:	\$108.22	100
Ripper op. Cost/Hour:	\$7.46	100
Operator Cost/Hour:	\$38.01	NA

Total unit Cost/Hour: \$222.73Total Fleet Cost/Hour: \$222.73**MATERIAL QUANTITIES**Initial Volume: 6,640Swell factor: 1.215Loose volume: 8,068 LCYSource of estimated volume: Exhibit LSource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 350 feetUnadjusted hourly production: 233.3 LCY/hrMaterials consistency description: Partly consolidated stockpile 1.1Average push gradient: -5 %Average site altitude: 4,250 feetMaterial weight: 1,600 lbs/LCYWeight description: Top Soil**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	1.100	(CAT HB)
Dozing method:	1.100	(50% SL)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.900	(SSD-FC)

Push gradient:	1.115	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 1.0869

Adjusted unit production: 253.57 LCY/hr

Adjusted fleet production: **253.57** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$0.878/LCY

Total job time: **31.82** Hours

Total job cost: **\$7,086**

REVEGETATION WORKTask description: **Revegetate 10 acres to rangeland**Site: **Korinek #1 Pit**Permit Action: SR-01 2015Permit/Job#: M1979131**PROJECT IDENTIFICATION**Task #: 004State: ColoradoAbbreviation: NoneDate: 3/30/2015County: CrowleyFilename: M131-004User: AMEAgency or organization name: DRMS**FERTILIZING****Materials**

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

Application

Description	Cost /Acre
	\$
Total Fertilizer Application Cost/Acre	\$0.00

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$98.01
Weed control spraying (MEANS 31 31 16.13 3100)	\$145.20
Total Tilling Cost/Acre	\$243.21

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Lovington	3.00	48.97	\$32.58
Sand Dropseed	0.50	59.69	\$3.49
Sideoats Grama - Vaughn	9.00	29.55	\$101.16
Galleta	4.00	14.60	\$100.80
Western Wheatgrass - Arriba	16.00	40.40	\$58.88
Totals Seed Mix	32.50	193.20	\$296.91

Application

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Description	Cost /Acre
Drill seeding (DRMS Cost Data)	\$88.20
Total Seed Application Cost/Acre	\$88.20

MULCHING and MISCELLANEOUS**Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Hay, delivered {MEANS 31 25 14.16 1200}	1.00	TON	\$265.00	\$265.00
Total Mulch Materials Cost/Acre				\$265.00

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$65.89
Total Mulch Application Cost/Acre	\$65.89

NURSERY STOCK PLANTING

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

JOB TIME AND COST

No. of Acres:	10	Cost /Acre:	\$959.21
Estimated Failure Rate:	75%	Cost /Acre*:	\$385.11
*Selected Replanting Work Items:	SEEDING		
Initial Job Cost:	\$9,592.10		
Reseeding Job Cost:	\$2,888.33		
Total Job Cost:	\$12,480		
Job Hours:	40.00		

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Mobilization/Demobilization**Site: **Korinek #1 Pit**Permit Action: **SR-01 2015**Permit/Job#: **M1979131****PROJECT IDENTIFICATION**Task #: **005**State: **Colorado**Abbreviation: **None**Date: **3/30/2015**County: **Crowley**Filename: **M131-005**User: **AME**Agency or organization name: **DRMS****EQUIPMENT TRANSPORT RIG COST**Shift basis: **1 per day**Cost Data Source: **CRG Data**Truck 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:**

Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons
Ownership Cost/Hour:	\$16.63	\$18.37	\$22.33
Operating Cost/Hour:	\$44.38	\$46.13	\$50.07
Operator Cost/Hour:	\$27.66	\$27.66	\$27.66
Helper Cost/Hour:	\$0.00	\$25.39	\$25.39
Total Unit Cost/Hour:	\$88.67	\$117.55	\$125.45

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 D8T - 8SU	53.08	\$69.05	\$125.45	1	\$194.50	\$125.45	\$250.00
Drill/Broadcast Seeder with Tractor	25.00	\$39.59	\$88.67	1	\$128.26	\$88.67	\$250.00

Subtotals: **\$322.76** **\$214.12** **\$500.00****ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
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Subtotals: **\$0.00** **\$0.00**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	<u>PUEBLO</u>	
Total one-way travel distance:	<u>50.00</u>	miles
Average Travel Speed:	<u>55.00</u>	mph

Total Non-Roadable Mob/Demob Cost *	<u>\$2,944.43</u>
** two round trips with haul rig:	
Total Roadable Mob/Demob Cost **	<u>\$0.00</u>
** one round trip, no haul rig:	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	<u>0.91</u>	<u>0.91</u>
Return Time (Hours):	<u>0.91</u>	<u>0.91</u>
Loading Time (Hours):	<u>1.00</u>	<u>NA</u>
Unloading Time (Hours):	<u>0.50</u>	<u>NA</u>
Subtotals:	<u>3.32</u>	<u>1.82</u>

JOB TIME AND COST

Total job time:	<u>6.64</u>	Hours
Total job cost:	<u>\$2,944</u>	



COLORADO

Division of Reclamation,
Mining and Safety

Department of Natural Resources
1313 Sherman Street, Room 215
Denver, Colorado 80203

April 01, 2015

Gerald Korinek
Korinek Sand & Gravel
640 County Lane 15
Manzanola, CO 81058

**Re: Korinek #1 Pit, Permit No. M-1979-131, Financial Warranty Reduction Approval,
Revision No. SR-01**

Dear Mr. Korinek:

On April 01, 2015, the Division of Reclamation, Mining and Safety (Division) approved your request for a Financial Warranty Reduction to \$45,072.00. This is a reduction of \$31,875.00 from the currently held bond. This decision reduces the amount of the Financial Warranty, and does not approve any release of reclamation responsibility for the tasks associated with this request.

Please provide a rider to the current Financial Warranty, or submit a new Financial Warranty reflecting this reduction. If you wish to submit a different type of Financial Warranty, or have any questions regarding the Financial Warranty, please call Barbara Coria at (303) 866-3567, extension 8148, or email her at barbara.coria@state.co.us.

If you have any additional questions, please contact me at 1313 Sherman Street, Room 215, Denver, CO 80203, call me at (303) 866-3567, extension 8129, or email me at amy.eschberger@state.co.us.

Sincerely,

Amy Eschberger
Environmental Protection Specialist

Cc: Tom Kaldenbach, DRMS
Barbara Coria, DRMS

