



STATE OF
COLORADO

Reilley - DNR, Robin <robin.reilley@state.co.us>

Prelim Adq Lockhart Pit

1 message

Reilley - DNR, Robin <robin.reilley@state.co.us>

Fri, Jun 28, 2024 at 10:32 AM

To: Ben Langenfeld <benl@lewicki.biz>, Robin Reilley - DNR <robin.reilley@state.co.us>

Good Morning Ben,

Please find attached the Divisions preliminary adequacy questions regarding the Lockhart Pit for your resolution. Decision date for this permitting action is 21 August 2024. Please assure adequacy responses are submitted to DRMS by 1 August or before for ample review time, or request an extension of that date.

I'm available to answer any questions that come up.

Best Regards

Robin Reilley, M.S. GISP
Environmental Protection Specialist II



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

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ADQ_Prelim_2024June.pdf

427K



Mr. Ben Langenfeld
Lewicki and Associates
3375 W Powers Circle
Littleton, Co 80123

28 June 2024

**Re: Lockhart Pit; Permit M2024017
DRMS Preliminary Adequacy**

Dear Mr. Langenfeld

Please find the Divisions preliminary adequacy questions regarding the Lockhart Pit for your resolution. DRMS found the proposed application incomplete on 6 May 2024. The Division found the Kremmling All Seasons's Rental LLC, Lockhart Pit 112c application complete on 23 May 2025 having received the application on 25 April 2024.

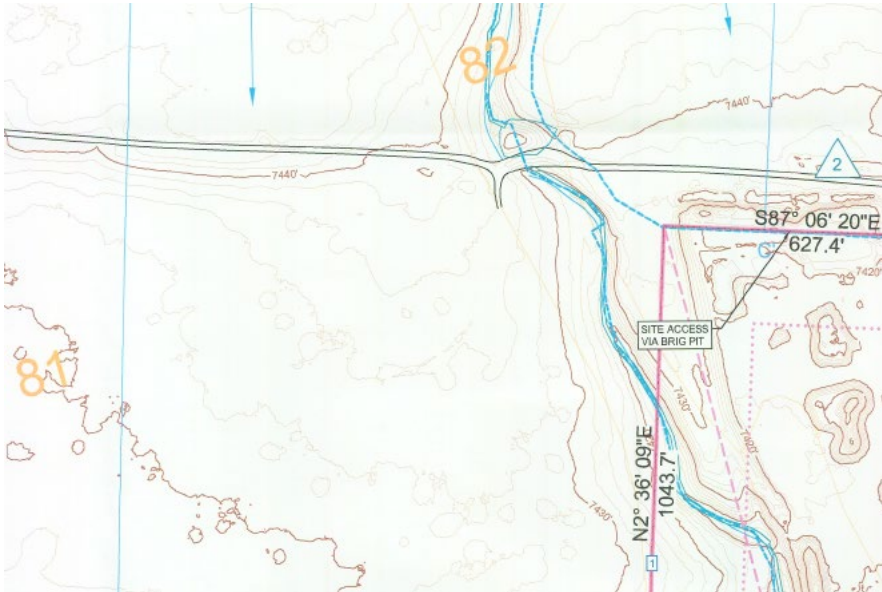
Adequacy items are numbered and listed below. Please resubmit in their entirety all Exhibits with changes to text.

1. Address for Mitch Lockhart listed in the application (110 West Park Ave, Kremmling, CO 80459 is incorrect as DRMS incompleteness correspondence was returned. Please provide correct mailing and email addresses for the operator.
2. Please provide: Newspaper publication of a notice (published once a week for four consecutive weeks) regarding the filing of your application.
3. Please provide: evidence of transmittal of a copy of the notice of publication to all owners of record of surface and mineral rights, holders of any recorded easements, and all owners of record of lands that are within 200 feet of the boundary of the affected land. This is required within 10 days of submittal. You must submit proof of the notice and mailings, such as Certified Mail Return Receipt Requested, to the Division prior to the decision date.
4. Please be reminded that all operators must contact the Colorado Department of Public Health and Environment, Water Quality Control Division regarding storm water permits. Please submit correspondence.

Rule 6.4.1 Exhibit A

5. The C-1 Baseline Map indicates site access through the Brigg Pit/Bumgarner Pit. This appears to be a private road to the Brigg Pit. If the operation utilizes the private road for access to the Lockhart Pit, please demonstrate to DRMS that you have right of entry through the Brig Pit /Bumgarner Pit for stated mining operations.
6. Legal description places the site in Range 80 West, however Map C-1 exhibits labels for Ranges 81 and 82. Please clarify and change the map accordingly and resubmit the corrected map.



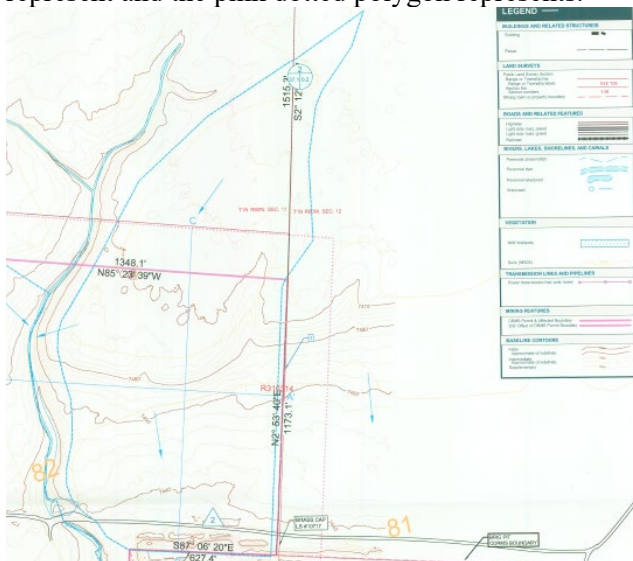


7. Surface owners of record are not labeled on Map C-1. Please label any and all surface owners of record and resubmit the map.

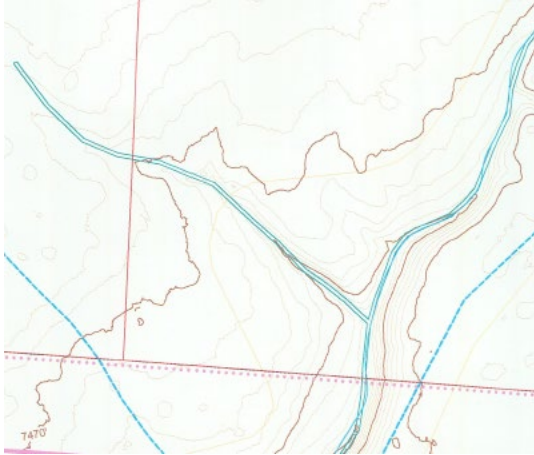
Rule 6.4.3 EXHIBIT C

The legend is ambiguous in the hydrology section as it relates to the map (Maps C-1 and C-2) as it proposes legend items that are not employed on the map. Please use a bespoke legend pertinent to the mapped items.

8. Please, in the legend indicate what the blue dashed polygons (appear to be hydrologic basins) represent and the pink dotted polygon represents.



9. It appears that unnamed ephemeral waterways are depicted. It is unclear between the legend and the map depiction whether the below illustration depicts perennial or ephemeral streams, please clarify and call out ephemeral drainages in the legend to correspond with the map depiction



The name and location of all creeks, roads, buildings, oil and gas wells and lines, and power and communication lines on the area of affected land and within two hundred (200) feet of all boundaries of such area must be depicted on the map.

10. Please depict any structures, fences, buildings, or wells within 200 feet of the affected area on the Exhibit C maps.
11. Show the owner's name, type of structures, and location of all significant, valuable, and permanent man-made structures contained on the area of affected land and within two hundred (200) feet of the affected land.

Rule 6.4.4 Exhibit D Mining Plan

12. Page D-3: it appears that the paragraph below the mining timetable misconstrued the mining sequence between the two pods. Please, revise the text and resubmit Exhibit D in its entirety.
13. Please indicate in Exhibit D the following acreages at any one time:
- a. Acres in active mining
 - b. Acres disturbed
 - c. Acres undergoing reclamation
14. The Brig Pit and an existing pit are mentioned throughout the Lockhart application. DRMS understands this to be the Bumgarner Ranches Gravel Pit (M1980-027). The permittee of this pit is Bumgarner Ranches, Inc. Please update the exhibit with "Brig Pit"/Bumgarner permit number and owner/operator information.
15. Overburden is mentioned to be stripped and stockpiled for reclamation, yet it is mentioned that no overburden is anticipated to be found. Please adjust and clarify the language regarding overburden in both Exhibit D and Exhibit E and resubmit the Exhibits in their entirety. Language such as:
should overburden be encountered... or
any overburden encountered not suitable as product...
could clear up the topic of how overburden shall be handled.

Rule 6.4.5 Exhibit E Reclamation Plan

16. Page E-1 of the Reclamation Plan, Exhibit E mentions the stockpiling of fines for final backfilling.
Please indicate in the text where these fines will be procured.
17. Overburden yardage is called out for backfilling. Please indicate where the overburden will be procured, stockpiled and approximate costs of procurement.
18. Overburden stockpile is mentioned throughout the application. If overburden will not be stockpiled and utilized in the reclamation process please remove this terminology throughout the application and resubmit.
19. The reclamation plan map does not indicate where topsoil will be stockpiled. Please update the map to show where topsoil stockpiles and or fines/ overburden will be placed and stored.
20. What are the average push and haul distances for backfill and grading and topsoil placement.
21. What are the average gradients associated with backfill and grading, and with topsoil placement.
22. Will you be utilizing any fertilizer in the revegetation operations.
23. What type of weed control will be employed?
24. What is the total acreage of topsoil stockpiles for the temporary seed operation.
25. Where will the 1800 CY of fines be stockpiled on the site. Please show this on the reclamation map.
26. Two reclaimed mining ponds are referenced in Exhibit E. It is unclear to DRMS where these ponds are located and no ponds are called out in the map legend. Please address this and update the map (Exhibit F), as appropriate and resubmit.
27. Exhibit F appears to indicate the reclaimed highwall elevations. The pit floor is not described topographically. Please add additional topography pertinent to the pit floor and resubmit the exhibit.

Rule 6.4.7 Exhibit G Water Information

The Operator/Applicant shall affirmatively state that the Operator/Applicant has acquired (or has applied for) a National Pollutant Discharge Elimination System (NPDES) permit from the Water Quality Control Division at the Colorado Department of Health, if necessary.

28. DRMS assumes the blue triangles on the map indicate discharge points. Please clarify by describing the location, locate and label the referenced discharge points on map for any accumulated stormwater and indicate in the text approximately when this discharge point will be placed.
29. Please detail your modelling methodology.
30. Please detail your assumptions.
31. Please state how you determined runoff coefficients or where they were obtained.
32. Please indicate where all inputs were derived from.
33. Please explain the purpose of the hydrologic calculations for premining conditions.
34. Please provide documentation that stormwater designs have been submitted to and approved by Grand County.
35. The legend on Maps C-1 and C-2 have nothing to do with the information presented on the map. Please create a bespoke legend explaining all the symbology utilized on them.
36. Please reference and place all inputs for hydrologic modelling of ponds and ditches in one place or page.
37. The hydrologic variables are the same on both Maps C-1 and C-2, please explain.
38. Runoff coefficients are called out for West Pond Drainage Basin, but East Pond Drainage Basin references Curve numbers. Please correct as necessary.
39. Map F-1 is referenced in the application. Map F-1 appears to be missing from the application.

40. Map G-1 is referenced in the submittal. Map G-1 appears to be missing from the application.
41. Please show on the map where the drainage/diversion ditches will be constructed.
42. DRMS assumes the diagram above the Drainage Basin information constitutes ditch information. Please label the diagram.
43. Please describe the diversion ditches:
 - a. width
 - b. depth
 - c. slope
 - d. lining material
 - e. length

Please resubmit Exhibit G text and maps in their entirety.

Rule 6.4.10 Exhibit J Soils

The Operator/Applicant shall include in this Exhibit a narrative of the following items:

- a. descriptions of present vegetation types, which include quantitative estimates of cover and height for the principal species in each life-form represented (i.e., trees, tall shrubs, low shrubs, grasses, forbs);
 - b. the relationship of present vegetation types to soil types, or alternatively, the information may be presented on a map.
44. Please update Exhibit J with the above information and resubmit in its entirety.

Rule 6.4.11 Exhibit K Climate Information

Climate information provided spans 1948 through 2005. What about the last 20 years because as of 2020 a new climate modeling regime is in place.

45. Please provide climatological data for the last 20 years.

Rule 6.4.12 Exhibit L Reclamation Cost Estimate

Circles: DRMS enclosed a reclamation cost estimate for your review. Please review the estimate carefully and provide the following information in your response. The development of the estimate triggered several questions. **Please refer to questions 20 through 26 above.**

Rule 6.4.13 Exhibit M - Other Permits and Licenses

Please assure DRMS that the Permittee has contacted all of the following permitting agencies, licenses and approvals the Operator/Applicant holds or will be seeking in order to conduct the proposed mining and reclamation operations: effluent discharge permits, air quality emissions permits, the State Historic Preservation Office clearance, , highway access permits, U.S. Forest Service permits, Bureau of Land Management permits, county zoning and land use permits, and city zoning and land use permits.

DRMS notes that certain of the above permits are in process.

A technical revision will be required at some point for the impoundment ponds. This will most likely involve the Division of Water Resources.

Rule 6.4.14 Exhibit N - Source of Legal Right to Enter

The quit claim deed supplied as a result of incompleteness names Michael and Christina Lockhart as receiving the township north range 80 property.

Entry is via the Bumgarner Ranches Pit/Britt Pit. It is unclear to DRMS that the quit claim deed grants legal right of entry to the permittee through the Bumgarner Pit.

46. Please provide supporting documentation that the permittee has legal right of entry through the Bumgarner Ranches Pit.

Rule 6.4.15 Exhibit O - Owner(s) of Record of Affected Land (Surface Area) and Owners of Substance to be Mined.

The quit claim deed indicates that the Lockhart's may be the Owner of Record. Exhibit O states that Bumgarner Ranches as the owners of record (surface and subsurface).

The complete list of all owners can be submitted as a list or on a map in Exhibit C.

47. Please submit a complete list of all owners of record and by parcels indicate the owners on Exhibit C.

Rule 6.4.17 Exhibit R - Proof of Filing with County Clerk and Recorder

DRMS received a letter on Lewicki & Associates letterhead addressed to the Grand County Clerk and Recorder as a result of incompleteness. The letter references the Hayden Gravel Pit and applicant Oldcastle SW Group. This does not appear to apply to the Lockhart Pit, nor to constitute proof of filing with the County as the information appears to reference a different entity and permitting action.

Rule 6.4.19 Exhibit S Structures

Where the mining operation will adversely affect the stability of any significant, valuable and permanent man-made structure located within two hundred (200) feet of the affected land, the applicant may either:

- a. provide a notarized agreement between the applicant and the person(s) having an interest in the structure, that the applicant is to provide compensation for any damage to the structure; or
- b. where such an agreement cannot be reached, the applicant shall provide an appropriate engineering evaluation that demonstrates that such structure shall not be damaged by activities occurring at the mining operation; or
- c. where such structure is a utility, the Applicant may supply a notarized letter, on utility letterhead, from the owner(s) of the utility that the mining and reclamation activities, as proposed, will have "no negative effect" on their utility.

The text refers two fences (the Bumgarner Fence by parcel number), and a well. Are there any other structures present in the vicinity of the permit. It does not appear that these structures are depicted on (Map C-1) provided to DRMS. Owners of structures must be notified of the proposed operation. It is not clear that notification was made.

48. Any structures, wells, buildings or fences in the vicinity of the proposed operation should be listed in the text and depicted on the appropriate map.

49. The presence of a potentially abandoned well was referenced in the mine plan. Please indicate the location of the well on the appropriate map or address in the text the distance from the permit boundary.

50. Please add text as to the distance of the well with respect to the permit area.

51. Please determine the owner of the well and make sure the owner is aware of the activities proposed.

52. Please outline and label the Bungarner parcel with name and parcel number on the map.

Rule 6.5 Geotechnical Exhibit

Appears conservative and is deemed adequate.

Decision date for this permitting action is 21 August 2024. Please assure adequacy responses are submitted to DRMS by 1 August or before for ample review time, or request an extension of that date.

Public notice is required once the application is deemed complete, commencing a public comment period of 20 (twenty) calendar days as per Rule 1.6.5. This notice must be provided to DRMS.

I'm available to answer any questions that come up. So, please reach out to me.

Sincerely,



Robin Reilley M.S. GISP
Environmental Protection Specialist II
Robin.reilley@state.co.us

COST SUMMARY WORK

Task description: Cost estimate Lockhart Application

Site: Lockhart Pit Permit Action: Lockhart Application Permit/Job#: M2024017

PROJECT IDENTIFICATION

Task #: 000 State: Colorado Abbreviation: None
Date: 6/20/2024 County: Grand Filename: M017-000
User: RAR

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Reduce 1000' of highwall to 3H:1V	DOZER	1	50.78	\$22,758
002	Replace 12 inches Topsoil 98.2 acres	DOZER	1	59.25	\$26,552
003	Revegetation	REVEGE	1	20.00	\$15,679
004	mob demob	MOBILIZE	1	0.26	\$581
<u>SUBTOTALS:</u>				130.29	\$65,570

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	<u>\$1,325</u>
Performance bond:	1.05	Total =	<u>\$688</u>
Job superintendent:	65.15	Total =	<u>\$4,240</u>
Profit:	10.00	Total =	<u>\$6,557</u>
		TOTAL O & P =	<u>\$12,810</u>
		CONTRACT AMOUNT (direct + O & P) =	<u>\$78,380</u>

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	<u>\$500</u>	Total =	<u>\$500</u>
Engineering work and/or contract/bid preparation:	<u>4.25</u>	Total =	<u>\$3,331</u>
Reclamation management and/or administration:	<u>5.00</u>		<u>\$3,919</u>

CONTINGENCY: 3.00 Total = \$1,967

TOTAL INDIRECT COST = \$22,527

TOTAL BOND AMOUNT (direct + indirect) = \$88,097

BULLDOZER WORK

Task description: Reduce 1000' of highwall to 3H:1V

Site: Lockhart Pit

Permit Action: Lockhart Application

Permit/Job#: M2024017

PROJECT IDENTIFICATION

Task #: 001

State: Colorado

Abbreviation: None

Date: 6/18/2024

County: Grand

Filename: M017-001

User: RAR

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Basic Machine: Cat D8T - 8SU

Horsepower: 310

Blade Type: Semi-Universal

Attachment: 3-shank ripper

Shift Basis: 1 per day

Data Source: (CRG)

Cost Breakdown:

		<u>Utilization %</u>
Ownership Cost/Hour:	\$241.38	NA
Operating Cost/Hour:	\$143.92	100
Ripper own. Cost/Hour:	\$14.11	NA
Ripper op. Cost/Hour:	\$7.45	100
Operator Cost/Hour:	\$41.30	NA
Total unit Cost/Hour:	\$448.16	
Total Fleet Cost/Hour:	\$448.16	

MATERIAL QUANTITIES

Initial Volume: 12,000

Swell factor: 1.000

Loose volume: 12,000 LCY

Source of estimated volume: Division of Reclamation, Mining & Safety

Source of estimated swell
factor: Cat Handbook

HOURLY PRODUCTION

Average push distance: 80 feet

Unadjusted hourly
production: 984.2 LCY/hr

Materials consistency description: Compacted fill or embankment 0.9

Average push
gradient: 10 %

Average site altitude: 7,500 feet

Material weight: 4,050 lbs/LCY

Weight description: Sand and clay - Compacted

<u>Job Condition Correction Factor</u>		<u>Source</u>
Operator Skill:	0.750	(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:	0.786	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.568	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.3001

Adjusted unit
production: 295.36 LCY/hr

Adjusted fleet
production: **295.36** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$1.517/LCY

Total job time: **40.63** Hours

Total job cost: **\$18,208**

BULLDOZER WORK

Task description: Replace 12 inches Topsoil 98.2 acres

Site: Lockhart Pit

Permit Action: Lockhart Application

Permit/Job#: M2024017

PROJECT IDENTIFICATION

Task #: 002

State: Colorado

Abbreviation: None

Date: 6/20/2024

County: Grand

Filename: M017-002

User: RAR

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Basic Machine: Cat D8T - 8SU

Horsepower: 310

Blade Type: Semi-Universal

Attachment: 3-shank ripper

Shift Basis: 1 per day

Data Source: (CRG)

Cost Breakdown:

		<u>Utilization %</u>
Ownership Cost/Hour:	\$241.38	NA
Operating Cost/Hour:	\$143.92	100
Ripper own. Cost/Hour:	\$14.11	NA
Ripper op. Cost/Hour:	\$7.45	100
Operator Cost/Hour:	\$41.30	NA
Total unit Cost/Hour:	\$448.16	
Total Fleet Cost/Hour:	\$448.16	

MATERIAL QUANTITIES

Initial Volume: 16,133

Swell factor: 1.000

Loose volume: 16,133 LCY

Source of estimated volume: Division of Reclamation, Mining & Safety

Source of estimated swell
factor: Cat Handbook

HOURLY PRODUCTION

Average push distance: 50 feet

Unadjusted hourly
production: 1,400.0 LCY/hr

Materials consistency
description: Consolidated stockpile 1.0

Average push
gradient: 10 %

Average site altitude: 7,500 feet

Material weight: 4,050 lbs/LCY

Weight description: Sand and clay - Compacted

Job Condition Correction Factor

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	1.000	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.700	(FND-MF)
Push gradient:	0.786	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.568	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.1945

Adjusted unit
production: 272.30 LCY/hr

Adjusted fleet
production: **272.3** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$1.646/LCY

Total job time: **59.25** Hours

Total job cost: **\$26,552**

REVEGETATION WORK

Task description: Revegetation

Site: Lockhart Pit

Permit Action: Lockhart Application

Permit/Job#: M2024017

PROJECT IDENTIFICATION

Task #: 003

State: Colorado

Abbreviation: None

Date: 6/20/2024

County: Grand

Filename: M017-003

User: RAR

Agency 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)	\$112.82
Total Tilling Cost/Acre	\$112.82

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Indian Ricegrass - Native	3.00	9.71	\$19.50
Bottlebrush Squirreltail	0.50	2.20	\$8.11
Burnett, Small (or Little) - Delar	3.00	3.79	\$7.50
Galleta	4.00	14.60	\$89.40
Rabbitbrush, Rubber	0.50	7.45	\$32.15
Western Wheatgrass - Native	4.00	10.10	\$24.00
Saltbush, Four Wing	0.50	0.69	\$6.25
Totals Seed Mix	15.50	48.54	\$186.91

Application

Description	Cost /Acre
Broadcast seeding [DMG]	\$267.22
Total Seed Application Cost/Acre	\$267.22

MULCHING and MISCELLANEOUS**Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Hay, delivered {MEANS 31 25 14.16 1200}	1.00	TON	\$429.79	\$429.79
Total Mulch Materials Cost/Acre				\$429.79

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$74.46
Weed spray, hand, non-aquatic area, nox. [DMG]	\$183.16
Total Mulch Application Cost/Acre	\$257.62

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:	\$1,254.36
Estimated Failure Rate:	25%	Cost /Acre*:	\$1,254.36
*Selected Replanting Work Items:	TILLING,SEEDING,MULCHING		

Initial Job Cost:	\$12,543.60
Reseeding Job Cost:	\$3,135.90
Total Job Cost:	\$15,679
Job Hours:	20.0

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Mob demob**Site: **Lockhart Pit**Permit Action: **Lockhart Application**Permit/Job#: **M2024017****PROJECT IDENTIFICATION**Task #: **004**State: **Colorado**Abbreviation: **None**Date: **6/20/2024**County: **Grand**Filename: **M017-004**User: **RAR**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:	\$20.26	\$36.04	\$47.05
Operating Cost/Hour:	\$39.51	\$76.08	\$82.85
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52
Helper Cost/Hour:	\$0.00	\$23.53	\$23.53
Total Unit Cost/Hour:	\$82.29	\$158.17	\$175.95

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	\$255.49	\$175.95	1	\$431.44	\$175.95	\$250.00
Subtotals:					\$431.44	\$175.95	\$250.00

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:	<u>KREMMLING, CO</u>	
Total one-way travel distance:	<u>3.00</u>	miles
Average Travel Speed:	<u>45.00</u>	mph

Total Non-Roadable Mob/Demob Cost *	<u>\$580.99</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>0.07</u>	<u>0.07</u>
Return Time (Hours):	<u>0.07</u>	<u>0.07</u>
Loading Time (Hours):	<u>0.00</u>	<u>NA</u>
Unloading Time (Hours):	<u>0.00</u>	<u>NA</u>
Subtotals:	<u>0.13</u>	<u>0.13</u>

JOB TIME AND COST

Total job time: 0.27 Hours

Total job cost: \$581