




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: Ghost River Gravel Pit	MINE/PROSPECTING ID#: M-2003-002	MINERAL: Sand and gravel	COUNTY: Huerfano
INSPECTION TYPE: Monitoring	INSPECTOR(S): Patrick Lennberg	INSP. DATE: July 28, 2021	INSP. TIME: 09:30
OPERATOR: HCR High Country Repair	OPERATOR REPRESENTATIVE:	TYPE OF OPERATION: 110c - Construction Limited Impact	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$19,112.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: August 11, 2021

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

INSPECTION TOPIC: Off-site Damage

POSSIBLE VIOLATION: Land has been affected outside of the approved permit boundary. This is a possible violation at this time pursuant to C.R.S. 34-32.5-116(4)(i) for failure to protect areas outside of the affected land from slides or damages occurring during the mining operation.

CORRECTIVE ACTIONS: This possible violation will require a hearing before the Mined Land Reclamation Board. The schedule and other details for the MLRB hearing will be provided under a separate document to be sent via certified mail to the operator.

CORRECTIVE ACTION DUE DATE: 9/22/21

INSPECTION TOPIC: Other

PROBLEM: Trash and refuse was noticed on the site. This is a problem at this time for failure to dispose of refuse in a manner that controls unsightliness or deleterious effects of such refuse pursuant to C.R.S. 34-32.5-116(4)(e).

CORRECTIVE ACTIONS: The operator shall submit a written notice to the Division with photo documentation, that the trash has been removed from the site by the corrective action date.

CORRECTIVE ACTION DUE DATE: 9/22/21

INSPECTION TOPIC: Availability Of Records

PROBLEM: The current mine plan needs to be updated and clarified pursuant to C.R.S. 34-32.5-115 (4)(e) and Rule 6.3.12. Currently there is no utility structure agreement for the powerline that in present near the southeast corner of the approved permit boundary.

CORRECTIVE ACTIONS: The operator must submit a notarized letter or agreement in accordance with Rule 6.4.12 addressing the potential for damage to the powerlines. If an agreement cannot be reached the operator can provide an engineering evaluation that the structures shall not be damaged by activities occurring at the mining operation.

CORRECTIVE ACTION DUE DATE: 9/22/21

OBSERVATIONS

The Ghost River Gravel Pit was inspected by Patrick Lennberg and Jared Ebert with the Division of Reclamation, Mining and Safety (Division/DRMS). The inspection was completed as part of the Division's routine monitoring inspection program. The site was previously inspected by the Division on September 26, 2017 as part of the Division's routine monitoring program. Kevin Schramek, K.W. Schram-Mix, met us during the inspection. The weather was clear.

The Ghost River Gravel Pit is located in Huerfano County approximately 4.5 miles east of the Lascar exit, Exit 64, from I-25 on County Road 110. The mine is a 110 construction materials permit for 9.9 acres on property owned by Natasha Goldberg. The primary commodity that is mined at the site is gravel for fill and landscaping. The approved post-mining land use is rangeland and the land surrounding the pit is rangeland. A mine sign was posted at the mine entrance pursuant to Rule 3.1.12.

The mine was active at the time of inspection. Kevin Schramek was mining on behalf of the permittee High Country Repair. He was using a portable screening operation to process material at the site. He was working a highwall, near vertical except for safety bench, which extended across the northern portion of the permit area. The highwall was estimated, from aerial imagery, to be 650 feet long and varied in height from 15 to 30 feet. The highwall was benched and bermed by Mr. Schramek for safety purposes. The mining plan states the depth of overburden to be 8-inches to 8 feet depth with the estimated depth of mining to be near 30 feet in depth. The mining plan does not provide details of the highwall configuration.

During the inspection the Division was able to locate all four permit boundary markers. At that time the Division noted that there were mining related disturbances outside the approved permit boundary. The Division used a handheld GPS unit, Garmin 64ST, to measure the perimeter of the disturbed area and determined the disturbed area was 11.8 acres, see attachment 1. The permit is only approved to affect 9.9 acres. The land affected outside the permit boundary, approximately 1.8 acres, is being cited as a Possible Violation pursuant to C.R.S. 34-32.5-116(4)(i) for failure to protect areas outside of the affected land boundary from damages occurring during the mining operation. The Division reviewed the permit area using the Huerfano County Public Map Viewer online and it appears there are some mining related disturbance has occurred on land not owned by Ms. Goldberg, see attachment 2. Additionally, the area measurement using the Map Viewer estimated the disturbance to be 11.3 acres.

Along the southern permit boundary, approximately 360 feet from the mine entrance, there were several items of trash that need to be removed. There were empty 55-gallon drums, a small air compressor, and a couple large heavy equipment tires that have heavy vegetation growing around them. Also, the Division noted that a black 55-gallon drum and two concrete pipes have been dumped into the ephemeral drainage along the southern permit boundary and these must be removed. The abundance and types of trash are being cited as a Problem within this report. Pursuant to C.R.S. 34-32.5-116 (4)(e), a duty of the operator, all refuse shall be disposed of in manner that controls unsightliness or deleterious effects of such refuse. It should be noted that a similar problem was cited in the 2017 inspection report.

A review of the permit file after the inspection showed there is no structure agreement for the power line and associated poles that are near the mine entrance and run into the permit boundary. Not having sufficient

structure agreements is being cited as a Problem pursuant to C.R.S. 34-32.5-115 (4)(e) and Rule 6.3.12. The operator will have to obtain new agreements with the power line owners.

The Division was able to GPS all four permit corners and associated tee-posts marking the permit boundary.

The financial warranty was recalculated as part of this inspection and it was determined that the current bond amount held is inadequate. A copy of the Division's estimate is attached for review. The operator will have two weeks from the signature date of this report to review the cost estimate before the Division issues a surety increase for the site.

Photographs taken during the inspection are attached.

Please contact Patrick Lennberg (303)866-3567 ext. 8114 or email at patrick.lennberg@state.co.us if you have any questions regarding this report.

Inspection Contact Address

Natasha Goldberg
HCR High Country Repair
2632 McCormick Ave.
Pueblo, CO 81001

Attachments: 1. Google Earth Map of Permit Boundary and GPS Affected Area Perimeter
2. Huerfano County Map Viewer Site Map 11.3 acres Affected Area
3. Financial Warranty Cost Estimate

cc: Jared Ebert, DRMS

ec: Natasha Goldberg, High Country Repair, highcountryrepair@outlook.com

PHOTOGRAPHS



Photo 1: Mine sign posted at pit entrance



Photo 2: Trash and refuse, including a 55-gallon drum



Photo 3: Drum in the ephemeral drainage adjacent to other refuse stored at the site



Photo 4: Concrete pipes discarded into ephemeral drainage, downgradient of drum



Photo 5: Concrete pipes and mining equipment stored adjacent to ephemeral drainage, center left of photo, yellow dashed line is the approximate approved permit boundary



Photo 6: Looking southeast from the southwest permit marker towards the southeast permit corner



Photo 7: Looking north-northeast from the southwest permit marker towards the northwest permit corner, yellow dashed line is the approximate permit boundary



Photo 8: Looking southwest toward southwestern permit corner from mid-point boundary marker



Photo 9: Looking southwest toward southwestern permit corner from northwest boundary marker



Photo 10: Looking southeast towards the northeastern permit corner, yellow arrow indicates approximate location of tee post



Photo 11: Looking northwest towards the northwestern permit corner



Photo 12: Looking northwest towards the southwestern permit corner,
yellow dashed line is the approximate permit boundary



Photo 13: Current south area mining operations and associated stockpiles



Photo 14: Current central area mining area, area circled in yellow has been benched for safety



Photo 15: Northern pit area showing benched highwall



Photo 16: Overview of trash and refuse

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

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



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

Attachment 1

Ghost River Gravel Pit

M2003-002
Imagery Date 2013

Legend

-  Affect Land Boundary 11.8 acres
-  Permit Boundary 9.9 acres



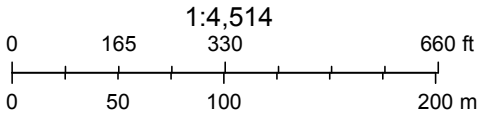
Attachment 2

Huerfano County



8/2/2021, 11:39:30 AM

- Override 1
- PLSS Intersected
- PLSS Township
- Roadways
- PLSS Section



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Attachment 3

COST SUMMARY WORK

Task description: _____

Site: Ghost River Gravel Pit

Permit Action: 2021 Inspection

Permit/Job#: M2003002

PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 8/2/2021

County: Huerfano

Filename: M002-000

User: JPL

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Push-up to grade highwall to 3:1 slope	DOZER	1	37.20	\$7,902
002	Grade Topsoil 4.5-inches 9.9 acres	DOZER	1	21.76	\$4,598
003	Rip 2 acre Area	RIPPER	1	4.40	\$955
004	Revegetate	REVEGE	1	20.00	\$18,604
005	Mob/Demob	MOBILIZE	1	4.54	\$3,931
<u>SUBTOTALS:</u>				87.9	\$35,990

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$727

Performance bond: 1.05

Total = \$378

Job superintendent: 31.68

Total = \$2,282

Profit: 10.00

Total = \$3,599

TOTAL O & P = \$6,986

CONTRACT AMOUNT (direct + O & P) = \$42,976

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

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

Total = \$500

Engineering work and/or contract/bid preparation: 8.59

Total = \$3,692

Reclamation management and/or administration: 5.00

\$2,149

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$13,326

TOTAL BOND AMOUNT (direct + indirect) = \$49,316

BULLDOZER WORKTask description: **Push-up to grade highwall to 3:1 slope**Site: **Ghost River Gravel Pit**Permit Action: 2021 InspectionPermit/Job#: M2003002**PROJECT IDENTIFICATION**Task #: 001State: ColoradoAbbreviation: NoneDate: 8/2/2021County: HuerfanoFilename: M002-001User: JPLAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D7R DS XR Series IIHorsepower: 240Blade Type: Semi-UniversalAttachment: 3-shank ripperShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$81.02	NA
Operating Cost/Hour:	\$79.33	100
Ripper own.		
Cost/Hour:	\$9.32	NA
Ripper op. Cost/Hour:	\$1.48	25
Operator Cost/Hour:	\$41.30	NA

Total unit Cost/Hour: \$212.45Total Fleet Cost/Hour: **\$212.45****MATERIAL QUANTITIES**Initial Volume: 14,500Swell factor: 1.000Loose volume: **14,500 LCY**Source of estimated volume: 650' long highwall 22 feet height, Push-up volumeSource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 70 feetUnadjusted hourly production: 887.8 LCY/hrMaterials consistency description: Consolidated stockpile 1.0Average push gradient: 5 %Average site altitude: 5,700 feetMaterial weight: 2,650 lbs/LCYWeight description: Decomposed rock - 25% Rock, 75% Earth**Job Condition Correction Factor**Operator Skill: 0.750Source
(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:	0.900	(SSD-FC)
Push gradient:	0.903	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4391

Adjusted unit production: 389.83 LCY/hr

Adjusted fleet production: **389.83** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$0.545/LCY

Total job time: **37.20** Hours

Total job cost: **\$7,902**

BULLDOZER WORKTask description: **Grade Topsoil 4.5-inches 9.9 acres**Site: **Ghost River Gravel Pit**Permit Action: **2021 Inspection**Permit/Job#: **M2003002****PROJECT IDENTIFICATION**Task #: **002**State: **Colorado**Abbreviation: **None**Date: **8/2/2021**County: **Huerfano**Filename: **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:	\$81.02	NA
Operating Cost/Hour:	\$79.33	100
Ripper own.		
Cost/Hour:	\$9.32	NA
Ripper op. Cost/Hour:	\$0.30	5
Operator Cost/Hour:	\$41.30	NA

Total unit Cost/Hour: **\$211.27**Total Fleet Cost/Hour: **\$211.27****MATERIAL QUANTITIES**Initial Volume: **6,000**Swell factor: **1.000**Loose volume: **6,000 LCY**Source of estimated volume: **Reclamation Plan Ex D**

Source of estimated swell

factor:

Cat Handbook**HOURLY PRODUCTION**Average push distance: **150 feet**

Unadjusted hourly

production:

518.9 LCY/hrMaterials consistency description: **Partly consolidated stockpile 1.1**

Average push

gradient:

Average site altitude: **5,700 feet**Material weight: **2,650 lbs/LCY**Weight description: **Decomposed rock - 25% Rock, 75% Earth****Job Condition Correction Factor**Operator Skill: **0.750****Source****(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:	0.903	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.5313

Adjusted unit
production: 275.69 LCY/hr

Adjusted fleet
production: **275.69** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$0.766/LCY

Total job time: **21.76** Hours

Total job cost: **\$4,598**

BULLDOZER RIPPING WORK

Task description: Rip 2 acre Area

Site: Ghost River Gravel Pit

Permit Action: 2021 Inspection

Permit/Job#: M2003002

PROJECT IDENTIFICATION

Task #: 003

State: Colorado

Abbreviation: None

Date: 8/2/2021

County: Huerfano

Filename: M002-003

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:	\$81.02	NA
Operating Cost/Hour:	\$79.33	100
Ripper Ownership Cost/Hour:	\$9.32	NA
Ripper Operating Cost/Hour:	\$5.93	100
Operator Cost/Hour:	\$41.30	NA
Total Unit Cost/Hour:	\$216.90	
Total Fleet Cost/Hour:	\$216.90	

MATERIAL QUANTITIES

Selected estimating method: Area

Alternate Methods:

Seismic: NA

Bank Volume: NA

BCY NA

Area: 2.00 acres

Rip Depth (ft): 1.00

Volume: 3,227

BCY or CCY

Source of estimated quantity: Reclamation Cost Estimate

HOURLY PRODUCTION

Seismic:

Seismic Velocity: NA feet/second

Area:

Average Ripping Depth:	<u>2.45</u>	feet/pass
Average Ripping Width:	<u>6.50</u>	feet/pass
Average Ripping Length:	<u>50.00</u>	feet/pass
Average Dozer Speed:	<u>88.00</u>	feet/minute
Average Maneuver Time:	<u>0.25</u>	minutes/pass
Production per unit area:	<u>0.547</u>	acres/hour

Job Condition Correction Factors

Unadjusted Hourly Unit Production: 0.547 Acres/hr

Site Altitude: 5,700 feet

Altitude Adj: 1.00 (CAT HB)

Job Efficiency: 0.83 (1 shift/day)

Net Correction: 0.83 multiplier

Adjusted Hourly Unit Production: 0.45 Acres/hr

Adjusted Hourly Fleet Production: **0.45** Acres/hr

JOB TIME AND COST

Fleet size: 1 Grader(s)

Total job time: **4.40** Hours

Unit cost: \$477.622 Per acre

Total job cost: **\$955**

REVEGETATION WORKTask description: RevegetateSite: Ghost River Gravel PitPermit Action: 2021 InspectionPermit/Job#: M2003002**PROJECT IDENTIFICATION**Task #: 004State: ColoradoAbbreviation: NoneDate: 8/2/2021County: HuerfanoFilename: 004User: JPLAgency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Triple superphosphate, 0-46-0	80.00	pound	\$0.46	\$36.80
			Total Fertilizer Materials Cost/Acre	\$36.80

Application

Description	Cost /Acre
Truck whirlwind spreader (MEANS 32 01 90.13 0140)	\$16.12
Total Fertilizer Application Cost/Acre	\$16.12

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$114.56
Weed control spraying (MEANS 31 31 16.13 3100)	\$290.40
Total Tilling Cost/Acre	\$404.96

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Indiangrass - Cheyenne	0.40	1.22	\$4.52
Blue Grama - Lovington	0.60	9.79	\$9.59
Sideoats Grama - Vaughn	1.80	5.91	\$15.08
Galleta	0.60	2.19	\$13.41
Western Wheatgrass - Barton	6.40	16.16	\$44.80
Saltbush, Four Wing	0.50	0.69	\$6.25
Winter Fat	0.50	1.27	\$10.25
Totals Seed Mix	10.80	37.24	\$103.89

Application

Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	\$232.00
Total Seed Application Cost/Acre	\$232.00

MULCHING and MISCELLANEOUS**Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$307.02	\$614.04
Total Mulch Materials Cost/Acre				\$614.04

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$71.57
Total Mulch Application Cost/Acre	\$71.57

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: 11.8 Cost /Acre: \$1,479.38
 Estimated Failure Rate: 25% Cost /Acre*: \$388.81
 *Selected Replanting Work Items: FERTILIZING,SEEDING

Initial Job Cost: **\$17,456.68**
 Reseeding Job Cost: **\$1,146.99**
 Total Job Cost: **\$18,604**
 Job Hours: **20.00**

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Mob/Demob**Site: **Ghost River Gravel Pit**Permit Action: 2021 InspectionPermit/Job#: M2003002**PROJECT IDENTIFICATION**Task #: 005State: ColoradoAbbreviation: NoneDate: 8/2/2021County: HuerfanoFilename: M002-005User: 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:**

Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons
Ownership Cost/Hour:	\$21.28	\$37.94	\$47.67
Operating Cost/Hour:	\$26.55	\$50.48	\$56.21
Operator Cost/Hour:	\$20.54	\$20.54	\$20.54
Helper Cost/Hour:	\$0.00	\$23.53	\$23.53
Total Unit Cost/Hour:	\$68.37	\$132.49	\$147.95

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 D7R DS XR Series II	35.93	\$90.34	\$132.49	1	\$222.83	\$132.49	\$250.00
Drill/Broadcast Seeder with Tractor	25.00	\$7.98	\$68.37	2	\$152.70	\$136.74	\$500.00
Power Mulcher (Bowie LD-90)	6.00	\$14.98	\$68.37	1	\$83.35	\$68.37	\$250.00

Subtotals: **\$458.88** **\$337.60** **\$1,000.00****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, CO</u>	
Total one-way travel distance:	<u>35.00</u>	miles
Average Travel Speed:	<u>55.00</u>	mph

Total Non-Roadable Mob/Demob Cost *	<u>\$3,931.46</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>0.64</u>	<u>0.64</u>
Return Time (Hours):	<u>0.64</u>	<u>0.64</u>
Loading Time (Hours):	<u>0.50</u>	<u>NA</u>
Unloading Time (Hours):	<u>0.50</u>	<u>NA</u>
Subtotals:	<u>2.27</u>	<u>1.27</u>

JOB TIME AND COST

Total job time:	<u>4.55</u>	Hours
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Total job cost:	<u>\$3,931</u>
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