



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: Pino Pit	MINE/PROSPECTING ID#: M-2000-118	MINERAL: Sand and gravel	COUNTY: Huerfano
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: September 10, 2025	INSP. TIME: 11:20
OPERATOR: Oldcastle SW Group, Inc.	OPERATOR REPRESENTATIVE: Sara Weimer and Kurt Wasinger	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$167,800.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Amber M. Gibson	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: October 7, 2025	

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: Availability Of Records

PROBLEM: The annual report maps have missing/inadequate information. This is a problem for failure to provide all of the information required pursuant to C.R.S. 34-32.5-116 and the Annual Report Form.

CORRECTIVE ACTIONS: The Operator shall submit the 2025 annual report and map with all of the material required by the Annual Report Form on or by the permit's anniversary date.

CORRECTIVE ACTION DUE DATE: 11/15/25

INSPECTION TOPIC: Gen. Compliance With Mine Plan

PROBLEM: The current mine plan needs to be updated and clarified pursuant to C.R.S. 34-32.5-112 (1)(c)(VI), and the current reclamation plan needs to be updated and clarified pursuant to C.R.S. 34-32.5-116 (1). The Operator must provide sufficient information to describe or identify how the Operator intends to conduct the operation and conduct reclamation.

CORRECTIVE ACTIONS: The Operator shall submit a Technical Revision, with the required \$216 revision fee, to update and clarify the current approved mine and reclamation plans to reflect existing and proposed activities by the corrective action date.

CORRECTIVE ACTION DUE DATE: 1/15/26

OBSERVATIONS

The Pino Pit was inspected by Amber Gibson 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 October 12, 2021 as part of a Successor of Operators revision. Sara Weimer and Kurt Wasinger (representing the Permittee/Operator – Oldcastle SW Group, Inc.), accompanied me during the inspection. The sky was clear and the weather was hot.

The Pino Pit is located in Huerfano County approximately 13 miles northwest of Walsenburg, Colorado. The entrance to the pit is located off the south side of County Road 615. The site is permitted as an 80-acre 112c Regular Operation Construction Materials Permit, where 71 acres are approved to be affected, and 35 acres are approved to be affected at any-one-time. The primary commodity being mined at the site is sand and gravel. The approved post-mining land use is rangeland.

Availability of Records:

The annual fee, map, and report are current and paid through November 15, 2025.

The Division reviewed the recent maps submitted over the past few years and found that the annual map has not been updated since 2021. Additionally, there is a red polygon labeled as 'site boundary' that does not match the approved DRMS permit boundary. The Division deems the recent submittals inadequate, thus **this has been cited as a problem above**. The Permittee shall revise the annual report maps to meet all the requirements of items 8-12 and 15 on the Annual Report Form, include the most recent aerial imagery, and depict the correct permit boundary by the 2025 submission.

Hydrologic Balance and Sediment Control:

There was no standing water observed onsite at the time of the inspection. The pit located on the east side of the disturbed area was not holding water at the time of the inspection, but had done so in the past. The Division's 2021 report expressed concern that because the slopes have not been revegetated, sediment runoff from precipitation events is deposited at the bottom of the pit and it may choke off the Cottonwood trees that have established within the area. During the inspection, I asked the Operators if they intend to reclaim this pit soon, as mining has finished in this area, and Mr. Wasinger stated that there had been an agreement with the landowner where the pit was to remain and act as a cattle pond. Mr. Wasinger believed that there was an approval given by the Division of Water Resources (DWR) for an approved amount of water to be collected in the pit. As the Division has not been made aware of this, nor has there been a revision filed with the DRMS permit to change the post-mining land use of this area, the Permittee is still required to reclaim this portion in accordance with the currently approved plan, which would not allow for a cattle pond. Mr. Wasinger stated that the Landowner has since passed, and he was unsure if the agreement was still in place with the new Landowner. Ms. Weimer stated that she would look into the matter, and understood that at this time, the current reclamation plan requires the slopes of the pit to be sloped to a 3H:1V and revegetated.

General Compliance with the Mine Plan:

The site was active at the time of the inspection. In addition to the East pit mentioned in the section above, there are two more active pits – a western pit and a central pit (see Map 1 below). Mining in the west pit has reached its southern limit, as the operation encountered too much clay to make further mining to the south economic. Mining will continue to the west within the western pit. The central pit had been a processing area, and then was topsoiled and seeded during the Division's 2021 inspection (see Photo 5 in the Division's 2021 inspection report). This area has been excavated and the plan is to connect the south wall of the center pit, with the north wall of the west pit (the central pit has excavated further to the west since the aerial photo was taken in March

that's shown on Map 1). The Operator stated that the operation will continue to mine to the west.

The processing area is located on the south side of the central pit. Various equipment, including portable crushers, screeners, trailers, water tanks, excavating equipment, etc. were onsite during the inspection. All fuel onsite is contained in a double walled tank and is placed within additional containment berms. Product stockpiles were observed throughout the processing area. There was also a truck scale located within the northern portion of the disturbance boundary.

The mining plan states that there will be a 50-foot buffer from south and east permit boundaries and 25-foot buffer on both sides of the power poles. The agreement with the power company, San Isabel Electric Associate, Inc. states that mining can occur up to 10' from the poles, but must be sloped. The Operator is maintaining both the 50-foot permit boundary offsets, and a 25-foot buffer in each direction around the power poles.

A few Russian Olive trees (a B-listed State Noxious weed) were observed in the East Pit during the inspection. The Operator stated that they would remove them in accordance with their current weed management plan approved through Technical Revision no. 1 (TR1). Prior to the issuance of this inspection report, Ms. Weimer sent an email showing that the trees have been removed. The photos are enclosed at the end of this report.

This permit allows for a maximum of 35 acres to be disturbed at any one time. Following the inspection, the Division estimated that approximately 40 acres are currently disturbed (based off Google Earth imagery and field observations). **This has been cited as a problem above.** This 35-acre maximum was to include 5 – 10 acres in reclamation. As there are no areas currently in final reclamation, the Operator shall submit a Technical Revision to increase the maximum affected area that can be disturbed at any-one-time by the corrective action date. As part of a routine inspection, the financial warranty for the site has been re-calculated, and with this observation, the reclamation liability has been increased to account for the additional affected acres.

Backfilling, Grading, and Reclamation Success:

During the inspection, reject fines were being placed against the highwall on the east side of the center pit to temporarily slope the area until it can be graded, topsoiled, and revegetated. This had also been done on the east wall of the west pit. This is common practice at this site, and ensures that no more than the approved 1000 feet of highwall is left open once mining has finished in that area. The length of the highwall was unable to be measured at the time of the inspection, as the pit was active and there was another entity inspecting the site. However, it appeared that the length of the exposed highwall was close to the 1000' limit.

The East Pit is graded to a 3H:1V or shallower on the west side, 3H:1V on the east side, and 2H:1V on the remaining sides. As mentioned above, all of the slopes around the East Pit will need to be returned to a 3H:1V or shallower. No final grading, topsoiling, or seeding has been conducted at this site. To minimize the amount of acres disturbed at anyone time, the Operator is advised to begin final reclamation on areas that have been deemed mined-out.

Signs and Markers:

A mine sign was posted at the entrance to the site in compliance with Rule 3.1.12(1). A mix of t-posts, white PVC pipes, large concrete blocks, and boulder piles all act as permit boundary markers (see Photo 2). The Operator stated that they used a mix of items to help prevent markers being pushed down/removed by cattle. The site appears to be marked in compliance with Rule 3.1.12(2).

Topsoil:

On the south side of the west pit, several stockpiles were observed. The Operator stated that these are topsoil stockpiles from opening the central pit. The stockpiles appeared stable at the time of the inspection and had

some volunteer vegetation growth on them. As a reminder, topsoil piles shall be seeded if unused for reclamation within 180-days of salvage.

Financial Warranty:

The Division currently holds a reclamation bond in the amount of \$167,800 for this site. The Division has updated the estimate for the reclamation liability and found it to be \$270,512-- a difference of \$102,712 from the bond currently held. The Division's cost estimate is enclosed with this report. The Operator will have 14 days (October 21, 2025), from the issuance of this report to submit any questions on the cost estimate. If no questions are received, the Division may issue a surety increase notice for the difference. The Operator will have 60 days from the date of the notice to submit and obtain acceptance of the increase in financial warranty from the Division in accordance with Rule 4.2.1(2).

Conclusion:

This concludes the Division's Inspection Report; a map displaying topics discussed in the report, and a subset of corresponding photographs that were taken during the time of the inspection, are included below. If you need additional information or have any questions, please contact me by email at amber.gibson@state.co.us or by telephone at (720) 836-0967.

Inspection Contact Address

Sara Weimer
Oldcastle SW Group, Inc.
14802 W 44th Ave
Golden, CO 80403

*Enclosure: Tree Removal Photos
2025 Reclamation Cost Estimate*

CC: Jared Ebert, Senior EPS, DRMS

GENERAL INSPECTION TOPICS

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

(AR) RECORDS----- PB	(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- PB	(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>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

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

PHOTOGRAPHS



Photo 1: Mine sign posted at the entrance.

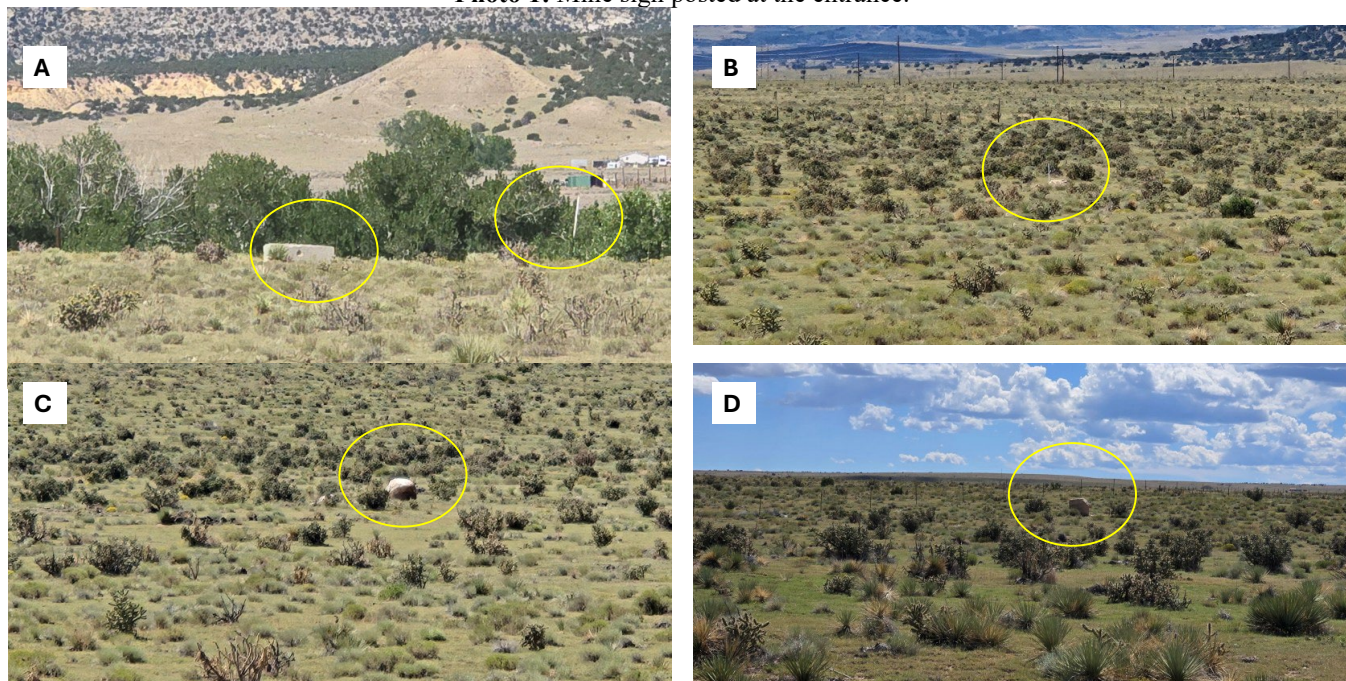


Photo 2: Examples of markers placed around the site. 2A shows where a t-post marks the boundary, but a concrete block has been inset from the boundary to be conservative. 2B shows a small PVC pipe next to a pile of rocks. 2C is a pile of boulders. 2D is also a pile of boulders.



Photo 3: Looking northeast at the truck scale located within the northern portion of the disturbed area.



Photo 4: Looking southeast at the central pit. The arrow shows where the central pit and the west pit will be combined.



Photo 5: Looking east across where the central pit and west pit will be combined. (West pit accidentally not pictured).



Photo 6: Looking northwest at some of the processing area.



Photo 7: Looking northeast at some of the processing area.



Photo 8: Looking north across the east pit. The arrows point to Russian Olive trees that were present at the time of the inspection.



Photo 9: Looking north across the east slope within the east pit.

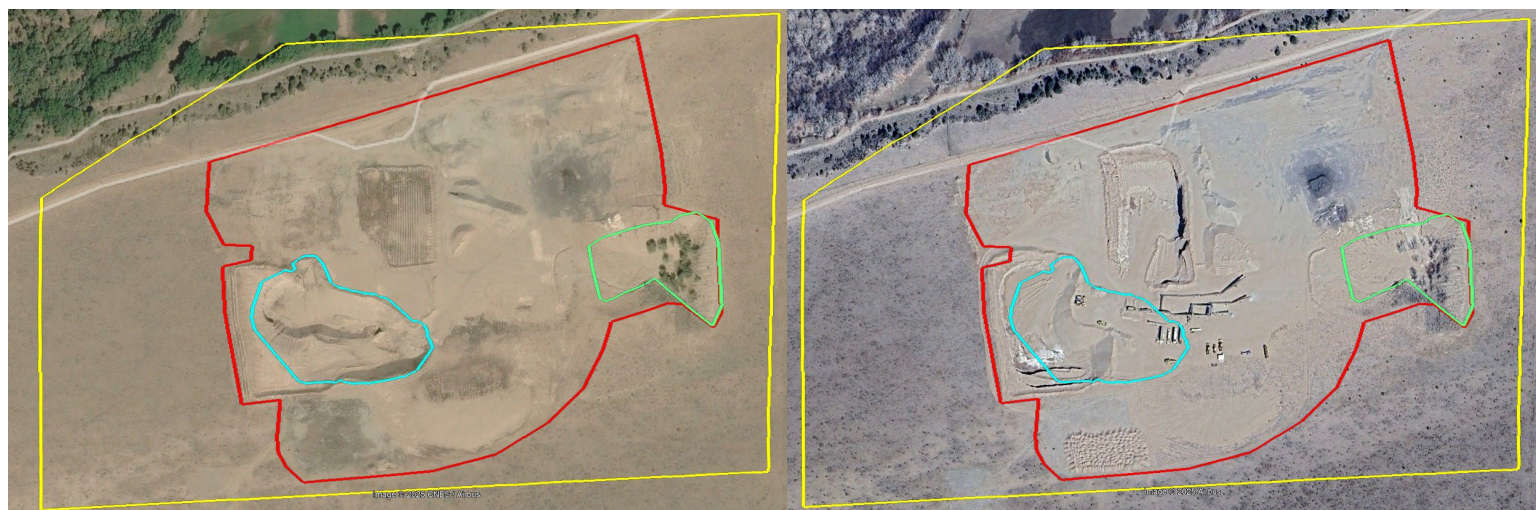
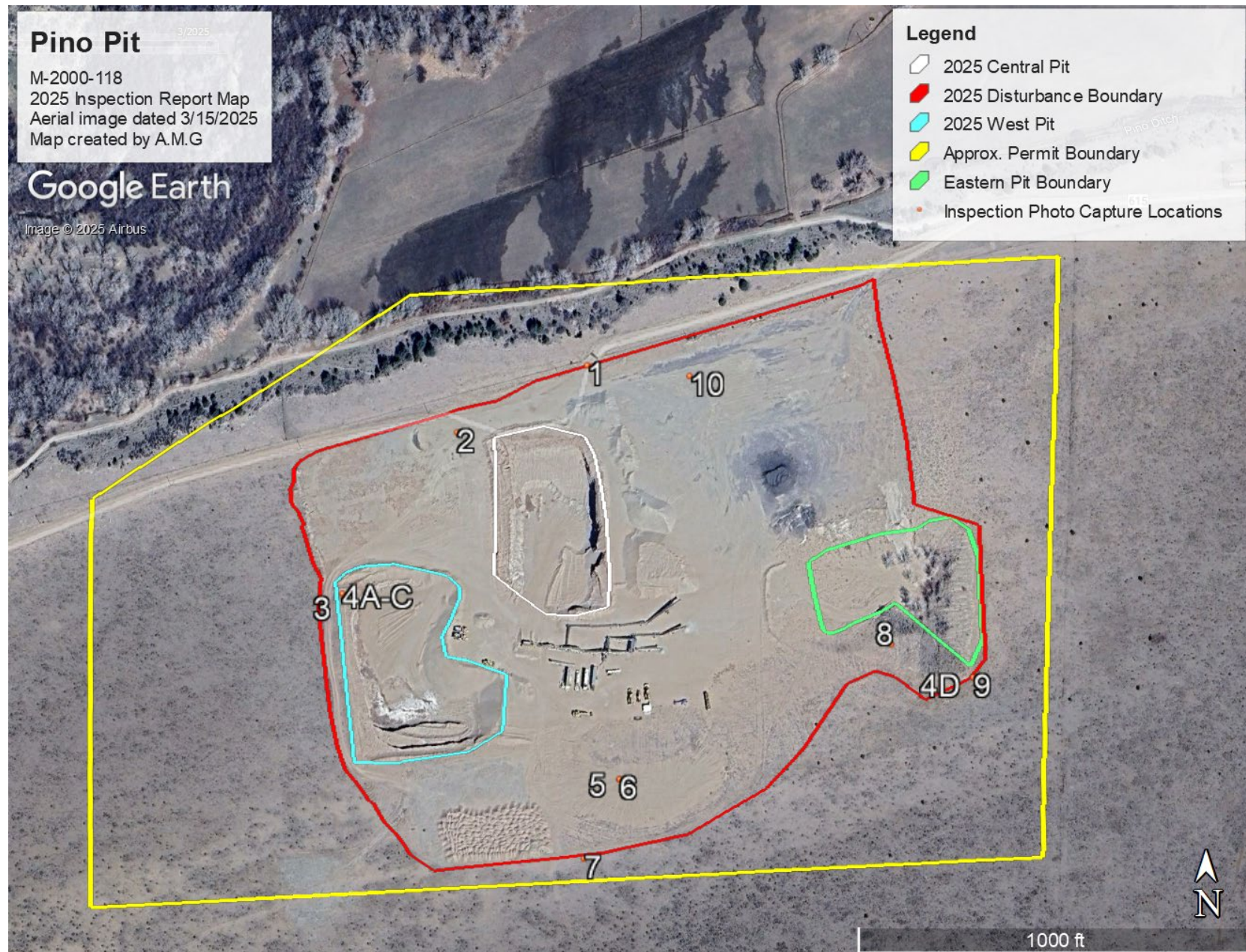


Figure 1: (Left) Polygons from the Division's 2021 inspection report. The aerial imagery is dated September 27, 2019. (Right) The same polygons depicted over aerial imagery dated March 15, 2025. The central pit in the right image was an area that had previously been a processing area that was backfilled and seeded. The piles in the southwest portion of the disturbed area are the new topsoil piles.



Map 1: 2025 Inspection Map. The numbers next to the red icons correspond to the photo captions within this report.





COST SUMMARY WORK

Task description: 2025 Reclamation Cost Summary

Site: Pino Pit

Permit Action: 2025 Inspection

Permit/Job#: M2000118

PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 10/7/2025

County: Huerfano

Filename: M118-000

User: AMG

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Grade to 3H:1V Slope	DOZER	2	14.14	\$6,422
002	Replace Overburden	SCRAPER1	1	37.73	\$62,067
003	Replace 4" of topsoil on 40 acres	SCRAPER1	1	16.97	\$27,746
004	Ripping 15 acres	RIPPER	2	11.88	\$5,501
005	Revegetation of 40 acres	REVEGE	1	40.00	\$104,227
006	Mobilization/Demobilization	MOBILIZE	1	3.71	\$8,485
<u>SUBTOTALS:</u>				124.43	\$214,448

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02
Performance bond: 1.05
Job superintendent: 62.22
Profit: 10.00

Total = \$4,332

Total = \$2,252

Total = \$4,674

Total = \$21,445

TOTAL O & P = \$32,703

CONTRACT AMOUNT (direct + O & P) = \$247,151

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

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

Total = \$500

Engineering work and/or contract/bid preparation: 4.25

Total = \$10,504

Reclamation management and/or administration: 5.00

\$12,358

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$56,064

TOTAL BOND AMOUNT (direct + indirect) = \$270,512

BULLDOZER WORKTask description: **Grade to 3H:1V Slope**Site: **Pino Pit**Permit Action: **2025 Inspection**Permit/Job#: **M2000118****PROJECT IDENTIFICATION**Task #: **001**State: **Colorado**Abbreviation: **None**Date: **10/7/2025**County: **Huerfano**Filename: **1**User: **AMG**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:	\$97.39	NA
Operating Cost/Hour:	\$80.69	100
Ripper own. Cost/Hour:	\$9.58	NA
Ripper op. Cost/Hour:	\$1.42	25
Operator Cost/Hour:	\$38.02	NA

Total unit Cost/Hour: **\$227.09**Total Fleet Cost/Hour: **\$454.18****MATERIAL QUANTITIES**Initial Volume: **19,200**Swell factor: **1.125**Loose volume: **21,600 LCY**Source of estimated volume: **DRMS 35' deep 1600' long highwall near vertical**Source of estimated swell
factor: **Cat Handbook****HOURLY PRODUCTION**Average push distance: **80 feet**Unadjusted hourly
production: **826.1 LCY/hr**Materials consistency description: **Consolidated stockpile 1.0**Average push
gradient: **-20 %**Average site altitude: **6,100 feet**Material weight: **2,650 lbs/LCY**Weight description: **Decomposed rock - 25% Rock, 75% Earth****Job Condition Correction Factor****Source**

Operator Skill:	0.750	(AVG.)
Material consistency:	1.000	(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:	1.426	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.9246

Adjusted unit
production: 763.81 LCY/hr
Adjusted fleet
production: **1527.62** LCY/hr

JOB TIME AND COST

Fleet size: 2 Dozer(s)
Unit cost: \$0.297/LCY

Total job time: **14.14** Hours
Total job cost: **\$6,422**

SCRAPER TEAM WORKTask description: **Replace Overburden**Site: **Pino Pit** Permit Action: **2025 Inspection** Permit/Job#: **M2000118****PROJECT IDENTIFICATION**

Task #: **002** State: **Colorado** Abbreviation: **None**
 Date: **10/7/2025** County: **Huerfano** Filename: **2**
 User: **AMG**

Agency or organization name: **DRMS****HOURLY EQUIPMENT**COSTShift basis: **1 per day**

Equipment Description	
-Scraper:	Cat 637G
-Dozer:	Cat D7R DS XR Series II
Support Equipment -Load Area:	NA
-Dump Area:	NA
Road Maintenance -Motor Grader:	NA
-Water Truck:	NA

Cost Breakdown:**Scraper Work Team****Support Equipment****Maintenance Equipment**

	Scraper	Dozer	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	25	NA	NA	NA	NA
Ownership cost/hour:	\$336.56	\$97.39	NA	NA	NA	NA
Operating cost/hour:	\$343.56	\$20.17	NA	NA	NA	NA
%Utilization-ripper:	NA	0	NA	NA	NA	NA
Ripper own. cost/hour:	NA	\$9.58	NA	NA	NA	NA
Ripper op. cost/hour:	NA	\$0.00	NA	NA	NA	NA
Operator cost/hour:	\$59.78	\$38.02	NA	NA	NA	NA
Unit Subtotals:	\$739.90	\$165.16	NA	NA	NA	NA
Number of Units:	2	1	0	0	0	0
Group Subtotals:	Work: \$1,644.96		Support:	\$0.00	Maint:	\$0.00

Total work team cost/hour: **\$1,644.96****MATERIAL QUANTITIES**

Initial volume: **38,750** CCY Swell factor: **1.250**
 Loose volume: **48,438** LCY

Source of estimated volume: **Exhibit L**
 Source of estimated swell factor: **Cat Handbook**

HOURLY PRODUCTION**Scraper Bowl (volume) Basis:**

Material weight: **2,650 lbs/LCY** Struck Volume: **24.00** LCY
 Material description: **Decomposed rock - 25% Rock, 75% Earth** Heaped Volume: **34.00** LCY
 Rated Payload: **81,600 pounds** Average Volume: **29.00** LCY
 Payload Capacity: **30.79 LCY** Adjusted Capacity: **29.00** LCY

Cycle Time:Scraper Loading Time: 0.80 MinutesManeuver and Spread Time: 0.60 MinutesJob Condition Correction:

Site Altitude: 6200 feet

	Scraper	Push Dozer	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)
Net Correction:	0.830	0.830	

Travel Time:Road Condition: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	600.00	2.00	5.00	7.00	1362	0.51

Haul Time: 0.51 minutesReturn Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	600.00	-2.00	5.00	3.00	2949	0.34

Return Time: 0.34 minutesTotal Scraper team cycle time: 2.25 minutesAdjusted for job conditions: 641.87 LCY/HourSelected Number of Scrapers: 2 Scraper(s)Adjusted single scraper team (unit) hourly production: 1,283.73 LCY/HourAdjusted multiple scraper team (fleet) hourly production: 1,283.73 LCY/HourUnadjusted unit production/hour: 773.33 LCY/Hour

Optimal Number of Scrapers per push dozer: _____

JOB TIME AND COSTFleet size: 1 Team(s)Total job time: 37.73 HoursUnit cost: \$1.281 /LCYTotal job cost: \$62,067

SCRAPER TEAM WORKTask description: **Replace 4" of top soil on 35 acres**Site: **Pino Pit**Permit Action: 2025 InspectionPermit/Job#: M2000118**PROJECT IDENTIFICATION**Task #: 003State: ColoradoAbbreviation: NoneDate: 10/7/2025County: HuerfanoFilename: 3User: AMGAgency or organization name: DRMS**HOURLY EQUIPMENT**COSTShift basis: 1 per day

Equipment Description	
-Scraper:	Cat 637G
-Dozer:	Cat D7R DS XR Series II
Support Equipment -Load Area:	NA
-Dump Area:	NA
Road Maintenance -Motor Grader:	NA
-Water Truck:	NA

Cost Breakdown:**Scraper Work Team****Support Equipment****Maintenance Equipment**

	Scraper	Dozer	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	25	NA	NA	NA	NA
Ownership cost/hour:	\$336.56	\$97.39	NA	NA	NA	NA
Operating cost/hour:	\$343.56	\$20.17	NA	NA	NA	NA
%Utilization-ripper:	NA	NA	NA	NA	NA	NA
Ripper own. cost/hour:	NA	\$0.00	NA	NA	NA	NA
Ripper op. cost/hour:	NA	\$0.00	NA	NA	NA	NA
Operator cost/hour:	\$59.78	\$38.02	NA	NA	NA	NA
Unit Subtotals:	\$739.90	\$155.58	NA	NA	NA	NA
Number of Units:	2	1	0	0	0	0
Group Subtotals:	Work: \$1,635.38		Support:	\$0.00	Maint:	\$0.00

Total work team cost/hour: **\$1,635.38****MATERIAL QUANTITIES**Initial volume: 18,600

CCY

Swell factor: 1.000Loose volume: **18,600**

LCY

Source of estimated volume: Exhibit L and DRMS CalculationSource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION****Scraper Bowl (volume) Basis:**

Material weight: 2,650 lbs/LCY
 Material description: Decomposed rock - 25% Rock,
75% Earth
 Rated Payload: 81,600 pounds
 Payload Capacity: 30.79 LCY

Struck Volume: 24.00 LCY
 Heaped Volume: 34.00 LCY
 Average Volume: 29.00 LCY
 Adjusted Capacity: **29.00** LCY

Cycle Time:Scraper Loading Time: 0.80 MinutesManeuver and Spread Time: 0.60 MinutesJob Condition Correction:

Site Altitude: 6200 feet

	Scraper	Push Dozer	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)
Net Correction:	0.830	0.830	

Travel Time:Road Condition: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	600.00	2.00	5.00	7.00	1362	0.51

Haul Time: 0.51 minutesReturn Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	600.00	-2.00	5.00	3.00	2949	0.34

Return Time: 0.34 minutesTotal Scraper team cycle time: 2.25 minutesAdjusted for job conditions: 641.87 LCY/HourSelected Number of Scrapers: 2 Scraper(s)Adjusted single scraper team (unit) hourly production: 1,283.73 LCY/HourAdjusted multiple scraper team (fleet) hourly production: 1,283.73 LCY/HourUnadjusted unit production/hour: 773.33 LCY/Hour

Optimal Number of Scrapers per push dozer: _____

JOB TIME AND COSTFleet size: 1 Team(s)Total job time: 14.49 HoursUnit cost: \$1.274 /LCYTotal job cost: \$23,695

BULLDOZER RIPPING WORK

Task description: Ripping 15 acres

Site: Pino Pit Permit Action: 2025 Inspection Permit/Job#: M2000118

PROJECT IDENTIFICATION

Task #: 004 State: Colorado Abbreviation: None
Date: 10/7/2025 County: Huerfano Filename: 4
User: AMG

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:	\$97.39	NA
Operating Cost/Hour:	\$80.69	100
Ripper Ownership Cost/Hour:	\$9.58	NA
Ripper Operating Cost/Hour:	\$5.66	100
Operator Cost/Hour:	\$38.02	NA
Total Unit Cost/Hour:	\$231.34	
Total Fleet Cost/Hour:	\$462.67	

MATERIAL QUANTITIES

Selected estimating method: Area

Alternate Methods:

Seismic: NA Bank Volume: NA BCY NA
Area: 15.00 acres Rip Depth (ft): 1.50 Volume: 36,300 BCY or CCY

Source of estimated quantity: Exhibit L

HOURLY PRODUCTION

Seismic:

Seismic Velocity: NA feet/second

Area:

Average Ripping Depth: 2.45 feet/pass
Average Ripping Width: 6.50 feet/pass
Average Ripping Length: 600.00 feet/pass
Average Dozer Speed: 88.00 feet/minute
Average Maneuver Time: 0.25 minutes/pass
Production per unit area: 0.760 acres/hour

Job Condition Correction Factors

Unadjusted Hourly Unit Production: 0.760 Acres/hr
Site Altitude: 6,200 feet
Altitude Adj: 1.00 (CAT HB)
Job Efficiency: 0.83 (1 shift/day)
Net Correction: 0.83 multiplier

Adjusted Hourly Unit Production: 0.63 Acres/hr
Adjusted Hourly Fleet Production: 1.26 Acres/hr

JOB TIME AND COST

Fleet size: 2 Grader(s) Total job time: 11.89 Hours

Unit cost: \$366.735 Per acre Total job cost: \$5,501

REVEGETATION WORKTask description: Revegetation of 40 acresSite: Pino PitPermit Action: 2025 InspectionPermit/Job#: M2000118**PROJECT IDENTIFICATION**Task #: 005State: ColoradoAbbreviation: NoneDate: 10/7/2025County: HuerfanoFilename: 5User: AMGAgency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Ammonium nitrate, 33-0-0	121.00	pound	\$0.66	\$79.53
Triple superphosphate, 0-46-0	87.00	pound	\$0.94	\$81.66
			Total Fertilizer Materials Cost/Acre	\$161.19

Application

Description	Cost /Acre
Tractor towed spreader (MEANS 32 01 90.13 0120)	\$46.17
Total Fertilizer Application Cost/Acre	\$46.17

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$114.13
Weed control spraying (MEANS 31 31 16.13 3100)	\$338.80
Total Tilling Cost/Acre	\$452.93

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Big Bluestem - Native	5.50	16.41	\$87.89
Little Bluestem - Native	3.00	17.91	\$47.28
Sideoats Grama - Vaughn	4.50	14.77	\$113.30
Yellow Sweet Clover - Madrid	3.50	20.89	\$16.23
Western Wheatgrass - Native	8.00	20.20	\$73.77
Totals Seed Mix	24.50	90.19	\$338.47

Application

Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	\$242.30
Total Seed Application Cost/Acre	\$242.30

MULCHING and MISCELLANEOUS**Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Straw, delivered	2.00	TON	\$504.56	\$1,009.12
Total Mulch Materials Cost/Acre				\$1,009.12

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$239.35
Total Mulch Application Cost/Acre	\$239.35

JOB TIME AND COST

No. of Acres:	40	Cost /Acre:	\$2,489.53
Estimated Failure Rate:	20%	Cost /Acre*:	\$580.77
*Selected Replanting Work Items:	SEEDING		
Initial Job Cost:	\$99,581.20		
Reseeding Job Cost:	\$4,646.16		
Total Job Cost:	\$104,227		
Job Hours:	40.00		

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: Mobilization/DemobilizationSite: Pino PitPermit Action: 2025 InspectionPermit/Job#: M2000118**PROJECT IDENTIFICATION**Task #: 006State: ColoradoAbbreviation: NoneDate: 10/7/2025County: HuerfanoFilename: 6User: AMGAgency 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:	\$21.47	\$38.32	\$48.96
Operating Cost/Hour:	\$31.47	\$60.11	\$65.86
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52
Helper Cost/Hour:	\$0.00	\$22.25	\$22.25
Total Unit Cost/Hour:	\$75.46	\$143.20	\$159.59

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	\$106.97	\$143.20	2	\$500.34	\$286.40	\$500.00
Cat 637G	57.28	\$336.56	\$159.59	2	\$992.30	\$319.18	\$500.00
Drill/Broadcast Seeder with Tractor	25.00	\$5.99	\$75.46	2	\$162.90	\$150.92	\$500.00

Subtotals: **\$1,655.54** **\$756.50** **\$1,500.00****ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x2, 1/2 T.	\$124.59	1	\$124.59	\$124.59

Subtotals: **\$124.59** **\$124.59**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: WALSENBURG
 Total one-way travel distance: 15.00 miles
 Average Travel Speed: 35.00 mph

Total Non-Roadable Mob/Demob Cost * \$8,378.54
 ** two round trips with haul rig:
 Total Roadable Mob/Demob Cost ** \$106.79
 ** one round trip, no haul rig:

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	<u>0.43</u>	<u>0.43</u>
Return Time (Hours):	<u>0.43</u>	<u>0.43</u>
Loading Time (Hours):	<u>0.50</u>	<u>NA</u>
Unloading Time (Hours):	<u>0.50</u>	<u>NA</u>
Subtotals:	<u>1.86</u>	<u>0.86</u>

JOB TIME AND COST

Total job time: 3.71 Hours

Total job cost: \$8,485