




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: Sievers Pit	MINE/PROSPECTING ID#: M-1977-098	MINERAL: Sand and gravel	COUNTY: Garfield
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy Yeldell	INSP. DATE: April 14, 2021	INSP. TIME: 09:00
OPERATOR: Oldcastle SW Group, Inc. dba United Companies of Mesa County	OPERATOR REPRESENTATIVE: Jason Burkey	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$794,357.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: DRMS	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: April 26, 2021	

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>N</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>Y</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>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</u>	(OD) OFF-SITE DAMAGE----- <u>NA</u>	

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

OBSERVATIONS

This inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety normal monitoring program. The Sievers Pit is a 112c sand and gravel operation that consists of a total of 122.90 acres. It is located in Garfield County approximately four miles northwest of Carbondale Colorado. The pit is accessed via County Road 109. Jason Burkey and Tyra Bartuska represented the operator and accompanied Amy Yeldell of the Division on the inspection.

The mine identification sign and affected area boundary markers remain in place and in compliance with Rule 3.1.12. The sign is located at the entrance of the permit boundary. T-posts have been placed to clearly delineate permit boundaries.

The office, shop and fuel storage areas remain in place and in good working order. All hydrocarbons were observed in secondary containment. Excess equipment and parts were all stored neatly.

The pit was active at the time of the inspection. Trucks were observed hauling material off site. Material was actively being crushed and sorted. Several large stockpiles were located throughout the pit floor and appeared to be stable. The leased plant in the bottom of the pit remains in place and active.

The main highwall is being mined further back as mining progresses to the south. Approximately 1500 linear feet of vertical highwall is currently exposed along the southeast side of the pit. A small portion of the highwall along the west side of the pit will need to be backfilled. Once the highwall reaches the far southern end of the mine permit the operation will come back to the north taking out the remaining material along the east side of the pit. The pit floor will then daylight out along the east side. Mining the remaining material on site is anticipated to take at least another ten years.

The visual berm screen located on the west side of the permit boundary is contoured and reclaimed concurrently up to the active portions of the mine. Stockpiles and previously reclaimed slopes remain stable with adequate vegetation cover.

The Division currently holds a financial warranty amount of \$794,357 for this site. The bond was last reviewed in 2019 with TR-4. In an effort to ensure the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan the Division will be updating the reclamation cost estimate. You will be notified if the current bond is found insufficient. A copy of the staff calculations will be sent under separate cover.

Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 303-866-3567 Ext 8183 or via email at amy.yeldell@ state.co.us

Inspection Contact Address

Jason Burkey
Oldcastle SW Group, Inc. dba United Companies of Mesa County
2273 River Road
Grand Junction, CO 81502

EC: Travis Marshall, Senior EPS, GJFO DRMS

PHOTOGRAPHS











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

1313 Sherman Street, Room 215
Denver, CO 80203

April 26, 2021

RE: Sievers Pit, Permit No. M-1977-098, Reclamation Cost Estimate

Dear Mr. Burkey:

This reclamation cost update was in response a site inspection conducted on April 14, 2021. The last Surety Increase occurred in 2019 as the result of TR-4. Note that it is Division policy to periodically update its costs to ensure that the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan.

Below is a table summarizing input values that have been updated with this calculation as compared to the previous (TR-4). This table does not account for price changes resulting from inflation or other RS Means cost changes. Bond calculations are based on a combination of field observations and worst case scenario based on the approved reclamation permit.

Task	Form Used	Justification
01a	Demo	No Changes
02a	Ripper	No Changes
02b	Scraper	No changes
03a	Dozer	Updated grading based on inspection 46,665 CY total 200 LF Backfill 40ft high vertical to 3H: 1V = 17,777 CY 1300 LF cut/fill 40 ft high vertical to 3H: 1V = 28,888 CY
04a	Ripper	No changes
05a	Scraper	-12.5 ac of flat per 2020 ann rpt Topsoil 136,541 CCY (10" for 88.3 ac of flat is 118,714 CY and 6" for 22.1 ac of slopes is 17,827)
05b	Dozer	Updated volume spread to reflect actual 165,897 LCY transported, half of transported volume requires grading 82,949



06a	Reveg	No Change
06b	Reveg	88.3 ac flat -12.5 ac of flat per 2020 ann rpt
07a&b	Mob	No Changes
Indirect		No Changes

Please feel free to contact me with any further questions. Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 303-866-3567 Ext 8183 or via email at amy.yeldell@state.co.us

Sincerely,



Amy Yeldell
Environmental Protection Specialist

Ec:
Travis Marshall, Senior EPS, Grand Junction DRMS

COST SUMMARY WORK

Task description: Post inspection update

Site: Sievers Pit

Permit Action: 2021

Permit/Job#: M1977098

PROJECT IDENTIFICATION

Task #: ACY

State: Colorado

Abbreviation: None

Date: 4/26/2021

County: Garfield

Filename: M098-ACY

User: ACY

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Demo onsite structures	DEMOLISH	1	40.00	\$67,569
02a	Rip asphalt road and cement parking area/pads	RIPPER	4	1.76	\$2,489
02b	Remove/haul asphalt/cement to excavated pit	SCRAPER1	2	2.35	\$8,725
03a	Highwall reduction	DOZER	4	19.70	\$25,695
04a	Rip pit floor	RIPPER	4	23.37	\$32,900
05a	Transport topsoil	SCRAPER1	2	73.64	\$272,847
05b	Distribute topsoil/finish grading	DOZER	4	11.43	\$14,913
06a	Reveg slopes-22.1 ac	REVEGE	1	28.00	\$38,160
06b	Reveg pit floor - 88.3 ac	REVEGE	1	126.00	\$145,250
<u>SUBTOTALS:</u>				326.25	\$608,548

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$12,293

Performance bond: 1.05

Total = \$6,390

Job superintendent: 163.12

Total = \$11,345

Profit: 10.00

Total = \$60,855

TOTAL O & P = \$90,882

CONTRACT AMOUNT (direct + O & P) = \$699,430

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

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

Total = \$500

Engineering work and/or contract/bid preparation: 6.00

Total = \$41,966

Reclamation management and/or administration: 4.50

\$31,474

CONTINGENCY: 3.00

Total = \$18,256

TOTAL INDIRECT COST = \$183,079

TOTAL BOND AMOUNT (direct + indirect) = \$791,627