




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: Hasser Borrow Pit	MINE/PROSPECTING ID#: M-2019-015	MINERAL: Borrow material for construction	COUNTY: Prowers
INSPECTION TYPE: Surety Release Inspection	INSPECTOR(S): Amy Eschberger	INSP. DATE: October 20, 2021	INSP. TIME: 11:45
OPERATOR: Castle Rock Construction Company of Colorado, LLC	OPERATOR REPRESENTATIVE: Darren Janssen	TYPE OF OPERATION: 111 - Construction by Government Agency	

REASON FOR INSPECTION: Surety Release Requested	BOND CALCULATION TYPE: None	BOND AMOUNT: \$21,177.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: October 25, 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>N</u>	(RD) ROADS----- <u>Y</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>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>Y</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

OBSERVATIONS

This was a surety release inspection of the Hasser Borrow Pit (Permit No. M-2019-015) conducted by Amy Eschberger of the Division of Reclamation, Mining and Safety (Division) in response to a Full Release Request (SL-1) filed with our office on September 8, 2021. The public comment period for SL-1 closed on September 23, 2021. During this period, the Division received one comment on SL-1 from Prowers Conservation District (on September 23, 2021), which expressed no objections to the release of the site. The operator was represented by Darren Janssen during the inspection. The site is located approximately 23 miles south of Lamar, CO, just west of Hwy 287. Access to the site is via an existing ranch road off Hwy 287. **Photos 1-10** taken during the inspection are included with this report.

This is a 111c operation permitted for 5 acres to mine borrow dirt for a Hwy 287 climbing lanes reconstruction project south of Lamar. The affected lands are owned by Douglas Hasser. The operation began mining from the northwestern edge of an existing reclaimed pit. The site was mined generally in a northwestern direction. The maximum mining depth was approximately 12-1/2 feet. Salvaged topsoil was stored along the southeastern edge of the pit until needed for reclamation. Mined material was hauled directly off site to the road project.

The approved post-mining land use for the site is rangeland. The reclamation plan (see enclosed reclamation plan map) includes grading pit slopes to 4H:1V, replacing 6 inches of topsoil on disturbed land, and revegetating the land with a native grass and forb mixture. The existing ranch road, a portion of which is located inside the western portion of the permit area, will remain after reclamation.

At the time of the inspection, the weather was sunny and dry. A mine identification sign was posted at the main site entrance off of Hwy 287. The corners of the rectangular-shaped permit boundary were delineated by t-posts with pink flags. Mining was completed at the site in September of 2019. Reclamation of the site began soon afterward. All pit slopes were graded to 4H:1V or flatter. Initial seeding occurred in Fall of 2019. The site was drill seeded and two tons per acre of certified weed free straw mulch was mechanically crimped into the topsoil per the approved reclamation plan.

During its last inspection of the site on September 17, 2020, the Division observed some grass germination in the seeded area. However, the vegetative cover at that time consisted primarily of weeds (e.g., kochia, curlycup gumweed, wild sunflowers). Since that time, the operator has conducted regular weed control at the site. During this inspection, the Division observed some weeds present in the disturbed area, particularly kochia and wild sunflowers. However, these weeds did not appear to be hindering the growth of the desired vegetation. A good stand of grasses was present in the disturbed area. No erosion issues were observed. The site appeared to be stable with 4H:1V or flatter slopes and a good vegetative cover that blends well with the surrounding rangeland.

After conducting this inspection, the Division determined the site has been reclaimed in accordance with the approved reclamation plan, and SL-1 was approved on October 25, 2021. However, the Division must wait 30 days after the decision date for the appeal period to end prior to sending the formal approval letter and warranties to the operator.

This concludes the report.

Any questions or comments regarding this inspection report should be forwarded to Amy Eschberger at the Colorado Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, via telephone at 303-866-3567, ext. 8129, or via email at amy.eschberger@state.co.us.

PHOTOGRAPHS



Photo 1. View looking northwest at southeastern edge of permit area showing slopes graded 4H:1V or flatter with good vegetative cover.



Photo 2. View looking northeast across central portion of permit area, showing slopes graded 4H:1V or flatter with good vegetative cover.



Photo 3. View looking north across northern portion of permit area, showing slopes graded 4H:1V or flatter with good vegetative cover.



Photo 4. View looking north across northwestern edge of permit area, showing slopes graded 4H:1V or flatter with good vegetative cover.



Photo 5. View looking west across northwestern corner of permit area, showing slopes graded 4H:1V or flatter with good vegetative cover. Note t-post with pink flag in background (circled) marking northwestern corner of permit boundary.



Photo 6. View looking north across northwestern edge of permit area, showing slopes graded 4H:1V or flatter with good vegetative cover.



Photo 7. View looking southeast across permit area from its northwestern edge, showing slopes graded 4H:1V or flatter with good vegetative cover.



Photo 8. View looking northeast across northeastern corner of permit area, showing slopes graded 4H:1V or flatter with good vegetative cover.



Photo 9. View looking northwest across northeastern edge of permit area, showing slopes graded 4H:1V or flatter with good vegetative cover.



Photo 10. View looking southwest across southeastern edge of permit area, showing slopes graded 4H:1V or flatter with good vegetative cover.

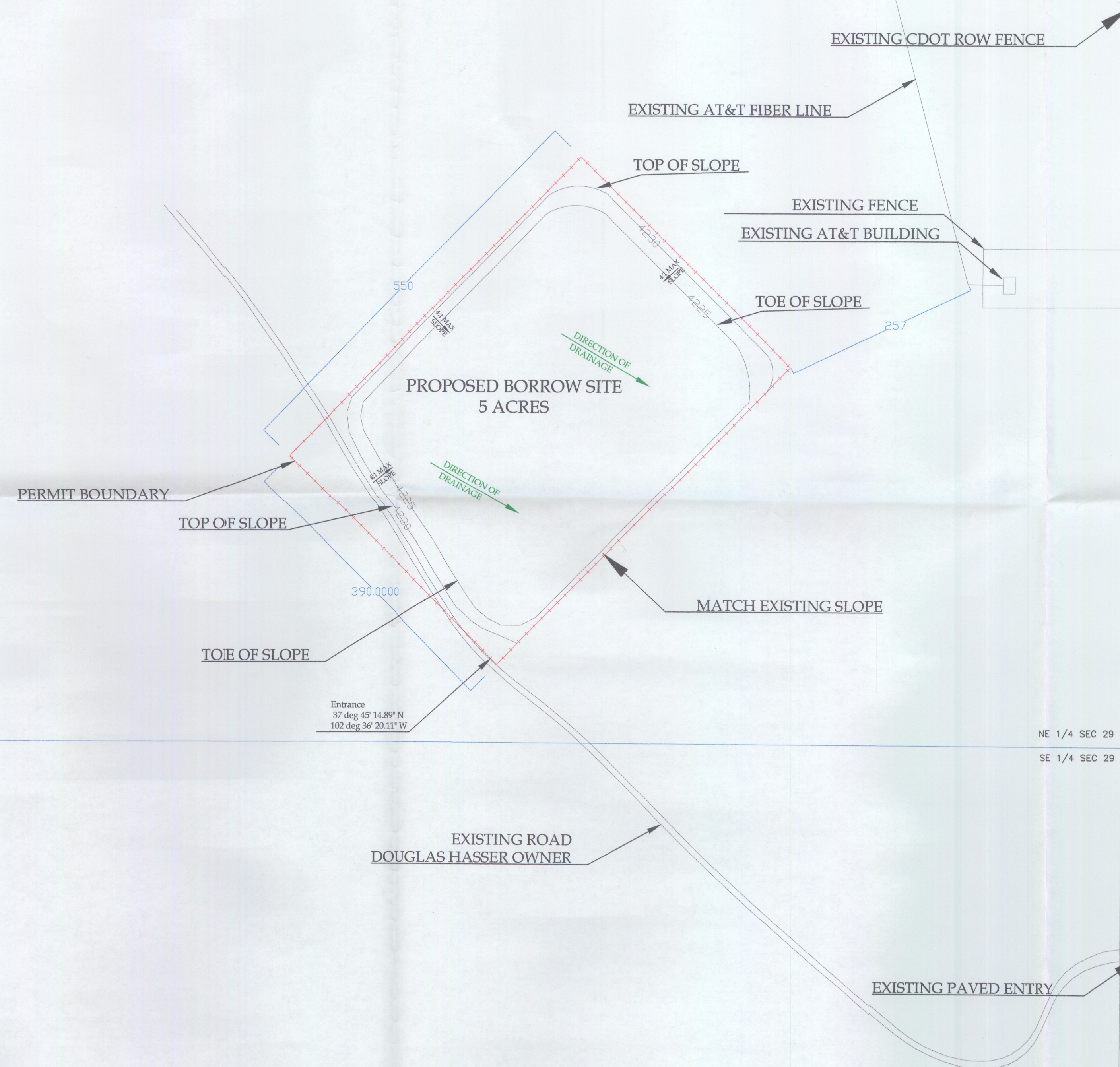
Inspection Contact Address

Ralph Bell
Castle Rock Construction Company of Colorado, LLC
6274 S Racine Circle
Centennial, CO 80111

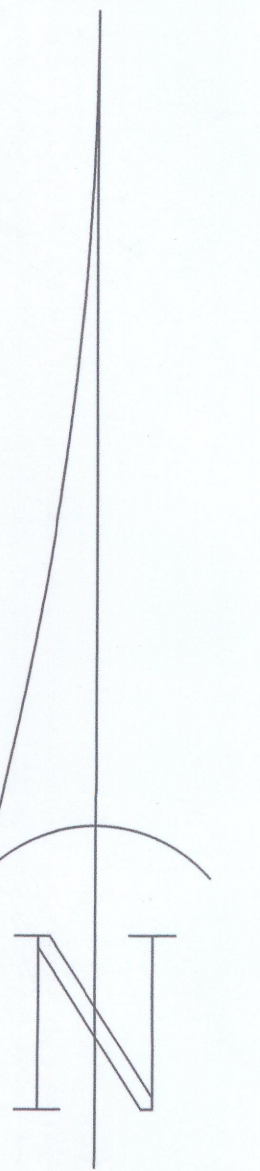
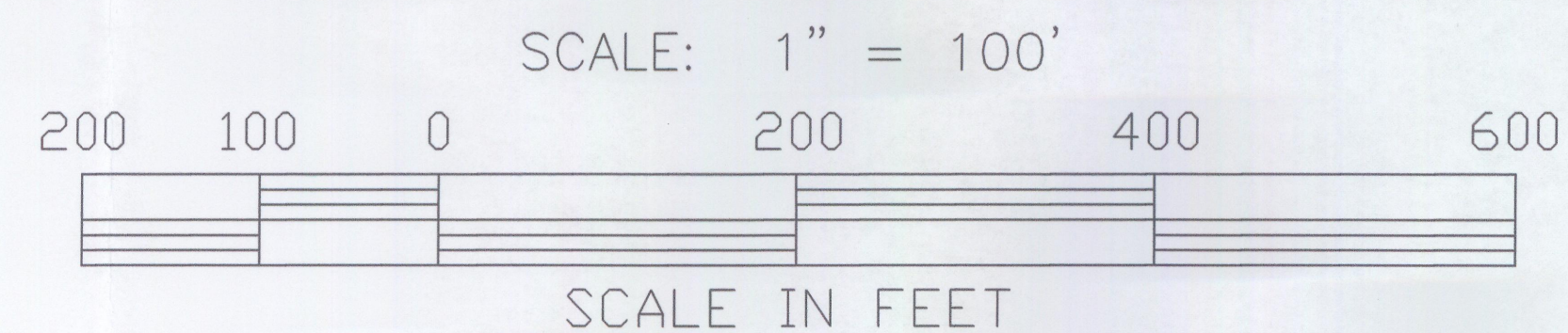
Encl: Reclamation Plan Map

CC: Darren Janssen, Castle Rock Construction Company of Colorado, LLC
Michael Cunningham, DRMS

- +++++ Permit Boundary
- Existing Contours
- Final Toe/Top of Slope
- Section Lines



RECLAMATION NOTES:
 4'-6" of topsoil to be replaced over disturbed pit area
 It is anticipated that no overburden will be stockpiled or replaced
 All disturbed areas within the pit limits to be seeded with Eastern Plains seed mix
 All disturbed areas within pit limits to be mulched with weed free straw and crimped



CASTLE ROCK CONSTRUCTION
 OF COLORADO, LLC
 HASSER PIT
 RECLAMATION PLAN
 PROWERS COUNTY, CO
 APRIL 16, 2019

RECEIVED
 APR 18 2019
 DIVISION OF RECLAMATION
 MINING AND SAFETY
261 Map

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PIT LIMITS