

STATE OF
COLORADO

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M1999034 - Cooley Inspection Report AR2

1 message

Gagnon - DNR, Nikie <nikie.gagnon@state.co.us>

Thu, Feb 22, 2024 at 11:27 AM

To: Wyatt Webster <wyatt.webster@holcim.com>

Hi Wyatt.

Please see the attached inspection report for the Acreage Release (AR2) at the Cooley Reservoir site. The approval letter for the release will be sent under separate cover.

Please let me know if you have any questions about the report.

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Nikie Gagnon
Environmental Protection Specialist



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

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INSP-REPORT_M1999034_Cooley Reservoir_AR2.pdf
4370K



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: Cooley Reservoir & Fulton Wildlife Area	MINE/PROSPECTING ID#: M-1999-034	MINERAL: Sand and gravel	COUNTY: Adams
INSPECTION TYPE: Surety Release Inspection	WEATHER: Clear	INSP. DATE: January 24, 2024	INSP. TIME: 10:00
OPERATOR: Holcim - WCR, Inc.	OPERATOR REPRESENTATIVE: Wyatt Webster	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Surety Release Requested (SR2)	BOND CALCULATION TYPE: None	BOND AMOUNT: \$1,510,800.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Nikie Gagnon	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: February 22, 2024	

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>N</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>N</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>N</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

OBSERVATIONS

This inspection was completed as part of acreage release request (AR2), submitted in accordance with Rule 4.17, received by the Division on January 4, 2024. Nikie Gagnon with the Division of Reclamation, Mining and Safety (Division/DRMS) conducted the inspection. Wyatt Webster, representing Holcim-WCR Inc. (Operator) accompanied the Division during the inspection.

The Cooley Site is a 112c operation permitted for 399.17 acres. Mining is complete and the site is in reclamation. The permit area is divided by the South Platte River. On the west side of the river, mining created three water storage reservoirs. On the east side, the permitted area includes two wetland areas, the Jeronimus Lake area, and a former processing area on land owned by Albert Frei and Sons. Holcim is requesting a partial release of 34.02 acres encompassing the former processing area. The approved post mining land use for the 34.02 acres is industrial.

The former processing area was previously inspected by the Division on December 21, 2021 as part of an acreage reduction request. At that time, the landowner, Albert Frei and Sons, objected to the acreage release due to three concerns: relocation of powerlines back to the original location, removal of a stockpile berm on the south side of the property, and ensuring slopes on the south side of the processing area meet the 3:1 slope requirement. The Operator met with the landowner to address these concerns. On August 11, 2023 the Division approved a Technical Revision (TR6) to revise the reclamation plan to include relocating the powerlines back to the original location, relocating the stockpile to the north for future industrial use, mowing and seeding a 25-foot strip adjacent to the Bull Seep, and installing rip rap drainage control feature to prevent further saltation into the adjacent ditch.

Reclamation Success

The former processing area has been graded flat for future industrial use by the landowner. The site is gravel with sparse vegetation. The side slopes have been graded to 3:1 or shallower around the perimeter. Slopes on the north and southeast ends are vegetated with grasses. The Division observed recent hydroseeding on the recently graded slope along the southern boundary where the stockpiled material was previously stored. The powerlines have been relocated to the original location along 100th Avenue. Stockpiled material (gravel and imported soil) was observed stored in the center of the property, consistent with the approved reclamation plan in TR6. The Division also observed the approved shallow rip rap berm constructed to control erosion and siltation into the adjacent Bull Seep. According to Division records, extensive weed control was conducted in July 2023 to control thistles. The Operator recently mowed and hydro seeded the strip of land adjacent to the Bull Seep.

The southwestern corner of the permit area and the strip of land west of the Bull Seep within the release area were undisturbed by mining. These areas are vegetated with grasses. The vegetation cover is consistent with adjacent natural areas.

On February 1, 2024, the Division received an email from Joel Bolduc, representing the landowner, confirming that the stockpiles of gravel and imported soil should remain on site for future industrial use and there are no remaining concerns with the reclamation.

The Division will approve AR-2 to release 34.02 acres from the permit area. This release will leave a total 365.15 acres in the permit area. The approval letter will be sent to the operator separately from this report.

A subset of photographs taken during the inspection are included below. Please contact Nikie Gagnon (303)866-3537 ext. 8126 or email at nikie.Gagnon@state.co.us if you have any questions regarding this report.

PHOTOGRAPHS



Photo 1: Looking south across the former processing area.



Photo 2: Looking north across the former processing area. Vegetated berm runs along 100th Avenue noted by red arrow.



Photo 3: Looking east towards the entrance to the site. Access road to the entrance to remain for future industrial use of the property (red arrow)



Photo 4: Looking west across the graded former processing area.



Photo 5: Looking west from the southeast corner of the former processing area. Stockpiled material in the center will remain for future industrial use by the landowner.



Photo 6: Looking west along the southern boundary recently graded and hydroseeded.



Photo 7: Looking west along 100th Ave. at relocated power poles. Arrow points to area undisturbed by mining on the west side of the Bull Seep within the release area.



Photo 8: View of rip rap sediment control structure installed on the southwest end of the site.



Photo 8: Looking at slopes graded 3:1 or shallower. Grassy vegetation controlling erosion on perimeter slopes noted by red arrows.



Photo 8: Southwest corner of the release area. This area was undisturbed by mining.

Inspection Contact Address

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Cc: Amy Eschberger, Senior EPS, DRMS