




MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety 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: Journey Ventures Pit	MINE/PROSPECTING ID#: M-2008-080	MINERAL: Aggregate	COUNTY: Weld
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter S. Hays	INSP. DATE: April 9, 2019	INSP. TIME: 10:00
OPERATOR: Journey Ventures, LLC	OPERATOR REPRESENTATIVE: Chris Leone, JC York	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$487,550.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: May 16, 2019	

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>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>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

The Journey Venture Pit was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) in response to the Operators submittal of a technical revision request (TR-04). Mr. Chris Leone with Journey Ventures, LLC and Mr. J.C. York with J&T Consulting, Inc. were present during the inspection. The site was previously inspected by the Division on April 8, 2015.

The Operator submitted a technical revision request (TR-04) on March 27, 2019. The Division is required by Rule 1.9 to act on a technical revision application within 30 days. The Operator submitted a 14-day extension request extending the decision date until May 10, 2019 to allow time to respond to adequacy items. The revision updates the mine phasing to two phases (Phase 1 and Phase 2), removes the abandoned oil and gas facilities from the Mining and Reclamation Plans and revises the financial warranty to reduce the slurry wall bond to 20% of the overall construction costs. The Operator provided a letter from the Division of Water Resources approving the liner dated December 7, 2018, which is acceptable support to reduce the bond held for the slurry wall. The two mining phases are generally separated by the seep ditch which transects the site from northwest to southeast. The technical revision was approved by the Division on April 29, 2019.

The Division estimated the cost to reclaim the site based on the Reclamation Bond Quantities and Costs information submitted by the Operator in the technical revision at \$488,600.00. A copy of the bond estimate was provided to the Operator as part of the technical revision review. The Division currently holds a financial warranty in the amount of \$487,550.00. The Division recommended no change to the financial warranty amount for the Journey Ventures Pit, which was accepted by the Operator.

The site is an 82.95 acre 112c permitted operation. The site was active during the inspection. Phase 1 of the site contained the processing plants, scale house, access road and material stockpiles. The wash plant was located in the middle of Phase 1 with screen plants in the north and south portions of the phase. Phase 2 of the site contained the active pit area and overburden and topsoil stockpile areas. Material was being excavated from the recently abandoned oil and gas peninsula located in the northwest corner of the pit during the inspection. The three processing plants were operational during the inspection and material was being removed from the site by haul trucks. The Phase 2 pit slopes were benched and roughly at the approved final 3H:1V grade. The required offsets from the permit boundary was observed during the inspection. The Operator stated the final slopes would be graded from the top down with a GPS controlled dozer to create the final 3H:1V slopes of the reservoir. The excavation area was being dewatered to sedimentation ponds located in the southeast corner of Phase 2. The water was pumped to the wash plant for material processing. The Operator estimated mining excavation would be completed this year and aggregate stockpiles would be removed over the next 2 years.

The approved post-mining land use for the site is developed water resources. A slurry wall has been constructed around the perimeter of Phase 2 creating a reservoir. The approved Reclamation Plan states the Operator will salvage topsoil to allow for 12 inches of topsoil to be replaced during reclamation. Stockpiles of topsoil and overburden were observed in the northeast and southeast corners of Phase 2. The Operator committed to designing and constructing spillways during final reclamation during the permit review. The Operator stated the spillway would be designed by the reservoir purchaser in the future. The Operator was reminded of the requirement to submit the plans as a technical revision to the permit and reminded the site cannot be released by the Division until the spillways are installed.

Photographs taken during the inspection and an inspection map created based on the inspection observations are attached. The mine sign and boundary markers were observed as required by Rule 3.1.12.

Inspection Contact Address

Mr. Chris Leone
Journey Ventures, LLC
P. O. Box 129
Greeley, CO 80632

Ec: Michael Cunningham, DRMS
J.C. York, J&T Consulting, Inc. (by email)

PHOTOGRAPHS



Journey Ventures mine sign



View of Phase 2 excavation from the northeast corner looking west



View of Phase 2 excavation from the northeast corner looking southwest



View of Phase 2 excavation from the northeast corner looking south



View of Phase 2 excavation from the south side looking northwest



View of Phase 2 excavation from the south side looking northeast



View of Phase 2 excavation from the southwest corner looking east

Journey Ventures Pit

M-2008-080

April 9, 2019 Inspection Map

Legend

- Approx. Journey Ventures Permit Boundary
- Journey Ventures Pit
- Overburden Stockpile
- Phase 1
- Phase 2
- Scale House
- Screen Plant
- Sedimentation Ponds
- Topsoil Stockpile
- Wash Plant

Google Earth

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1000 ft

