




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: JH Sand & Gravel Pit #1	MINE/PROSPECTING ID#: M-1979-131	MINERAL: Sand and gravel	COUNTY: Crowley
INSPECTION TYPE: Monitoring	INSPECTOR(S): Patrick Lennberg	INSP. DATE: July 26, 2022	INSP. TIME: 12:30
OPERATOR: JH Sand & Gravel, LLC	OPERATOR REPRESENTATIVE: Jim McCuiston	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program		BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$45,072.00
DATE OF COMPLAINT: NA		POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 		SIGNATURE DATE: August 18, 2022

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: 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). The operator must provide sufficient information to describe or identify how the operator intends to conduct the operation.

CORRECTIVE ACTIONS: The operator shall submit a Technical Revision, with the required \$216 revision fee, to update and clarify the current approved mine plan to accurately describe the maximum number of acres to be disturbed at any one time by the corrective action date.

CORRECTIVE ACTION DUE DATE: 10/17/22

OBSERVATIONS

The JH Sand & Gravel Pit #1 was inspected by Patrick Lennberg with the Division of Reclamation, Mining and Safety (Division/DRMS). The inspection was completed as part of the Division's routine monitoring program. The site was last inspected by the Division on February 20, 2019 as part of a Succession of Operators application. Jim McCuiston and Gerald Korinek (the former Operator), representing the Operator, accompanied me during the inspection. The weather was clear and hot.

The JH Sand & Gravel Pit #1 is located approximately 5.5 miles northeast of Manzanola, Colorado. The site can be accessed from the west by County Lane 13, or from the north by County Lane 15. The approved primary post-mining land use is rangeland, with an industrial/commercial area in the southeast corner of the permitted site. A mine sign was posted at the mine entrance pursuant to Rule 3.1.12.

This is a 112c operation permitted for 45.2 acres to mine sand and gravel to depths of 20-25 feet. This site was initially permitted as a 110c operation before a conversion was approved in January 2010, adding 36.7 acres to the permit area. The permit area includes a pre-law gravel pit in its southeastern portion. There are several small stockpiles of different sizes associated with the pre-law pit scattered throughout this area and a small pre-law excavated pond. The permit allows for 38.1 acres to be affected and with approval of TR-1 in 2019 the maximum disturbance allowed at any one time is 15 acres including those lands undergoing reclamation.

The mine was active at the time of inspection. The Division estimates the mining operation has disturbed approximately 29.4 acres with 8.6 of those acres in various stages of reclamation including the area around the Fish Farm. During the 2019 inspection the total disturbed area was approximately 17.4 acres including areas in reclamation. Also, during that inspection it was recommended to the Operator to seek release of areas they thought met the reclamation requirements to keep their total disturbed area to a minimum. The Operator has yet to seek release of any areas. The Operator has disturbed more area than is allowed under the currently approved permit and this item has been cited as a problem within this report. The Operator will need to submit a Technical Revision along with the required fee to increase the allowable disturbed area at any one time. Along with routine mining activities it appears approximately 6.6 acres have been disturbed since 2019 during the installation of a berm along County Lane 15.

The Division estimated the highwall length at the site is approximately 1,140 feet in length and is approximately 20 feet in height.

There appears to be an adequate amount of topsoil stockpiled in berms along the top of the highwall. These stockpiles appeared to be stable. In addition, there is a stockpile of approximately 1,600 CY of topsoil present in the pre-law gravel pit area. According to the previous Operator, this stockpile was left here by the County during re-construction of County Lane 15, and it can be used for reclamation of this site.

During the inspection it was discussed with the Operator future plans for the permit. The Operator would like to adjust the permit boundaries to account for recent land transactions and include additional owned property into the permit. The Division recommends the Operator contact a consultant to assist in submission of an amendment application to accomplish what they intend to do.

The financial warranty was recalculated as part of this inspection and there will be an increase. A copy of the

Division's estimate will be provided to the permittee/operator for review under a separate cover letter. Once the surety increase is issued by the Division, the Operator will have 60 days to provide the additional financial warranty.

Photographs taken during the inspection are attached.

Please contact Patrick Lennberg (303)866-3567 ext. 8114 or email at patrick.lennberg@state.co.us if you have any questions regarding this report.

Inspection Contact Address

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PHOTOGRAPHS



Photo 1: Mine sign at entrance



Photo 2: An area east of mine sign, 2.3 acres, in reclamation



Photo 3: Fish Farm area, 3.7 acres, in reclamation



Photo 4: An area immediately west of mine sign, 0.67 acres, in reclamation



Photo 5: An area west of mine sign, 1.9 acres, in reclamation



Photo 6: Typical permit boundary marker



Photo 7: Looking east along the highwall of the pit area



Photo 8: Looking east across the pit floor area, approximately 8 acres



Photo 9: Berm along County Lane 15



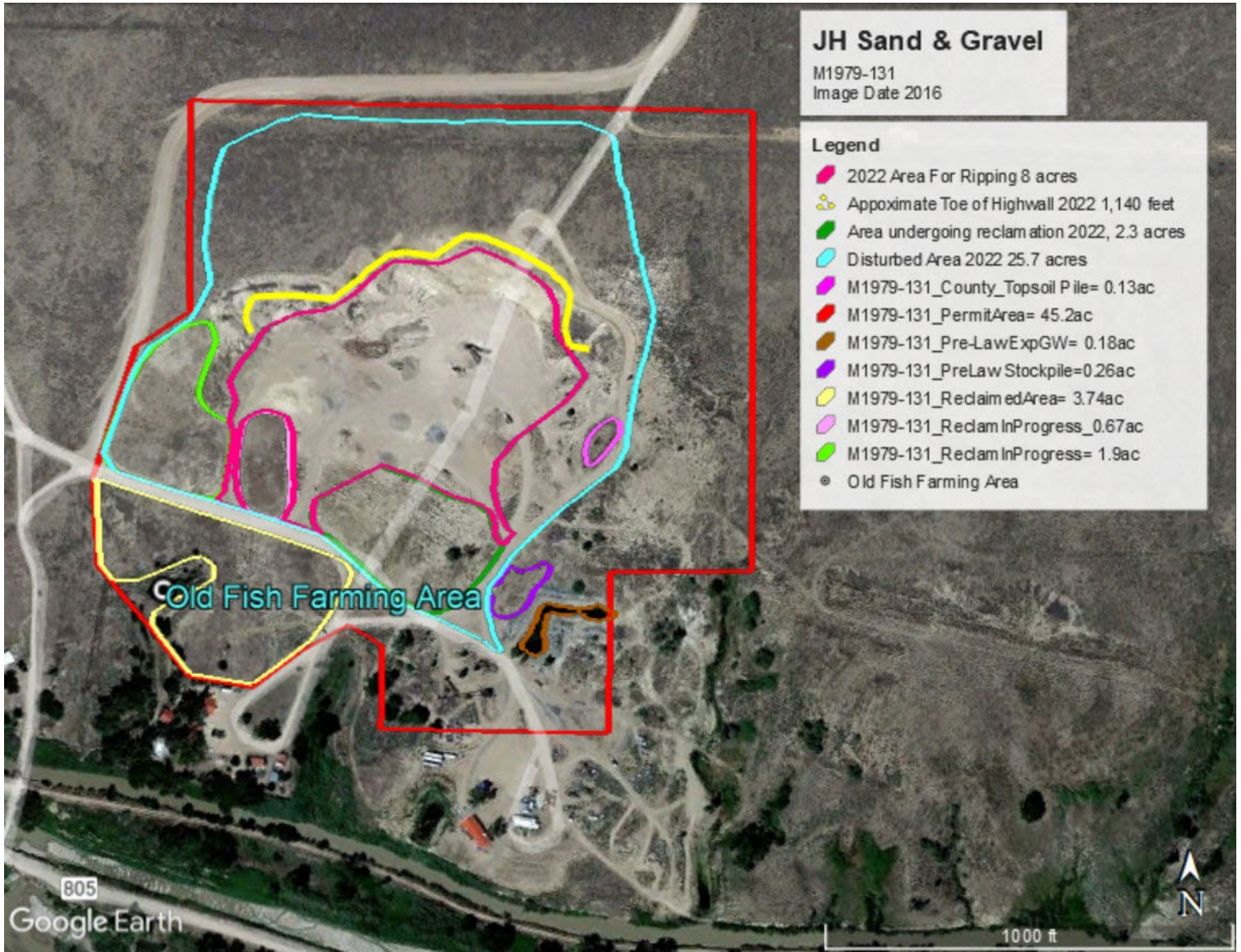
Photo 10: The disturbed area, approx. 6.6 acres, north of pit highwall



Photo 11: Highwall and salvaged topsoil



Photo 12: Looking north towards County Lane 15 from topsoil pile





Recent aerial image noting disturbance along County Lane 15

GENERAL INSPECTION TOPICS

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

(AR) RECORDS----- <u>N</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- PB	(FW) FISH & WILDLIFE----- <u>N</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>N</u>	(ST) STIPULATIONS----- <u>Y</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