




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: Van Valkenburg Gravel Pit	MINE/PROSPECTING ID#: M-2005-003	MINERAL: Sand and gravel	COUNTY: Jackson
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter S. Hays	INSP. DATE: August 14, 2019	INSP. TIME: 11:00
OPERATOR: Van Valkenburg Cattle Company, LLC	OPERATOR REPRESENTATIVE: Chris Van Valkenburg	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$10,800.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 3, 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 Van Valkenburg Gravel Pit was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as part of the Division's monitoring inspection program. The site was previously inspected by the Division on September 16, 2015. Chris and Carla Van Valkenburg were present during the inspection. An inspection map created based on the observations from this inspection is attached for reference.

The site is an 112c operation permitted for 36 acres. The site was active during the inspection. The site is being contract mined for the Permittee. An excavator, dozer, scraper and grader were observed on site. The mining excavation is progressing from the middle of the site towards the northeast. The excavation was estimated at five (5) feet in depth. Two-hundred feet of undisturbed land remains along the north boundary adjacent to the driveway for the property. The Permittee estimates one (1) year of mining reserves remain at the site. Stockpiles of material from the previous mining operations on site remain in the southwest portion of the site. The Operator reported 42,580 cubic yards of material was removed between the 2018 and 2019 annual reporting dates. The Permittee is considering amending the permit to include additional acreage to the south of the site. Due to the reclamation status of the current site, the Division recommends the Permittee submit a new 112c permit application for the new area and request release of the current site once the remaining stockpiles are removed from the site and reclamation is complete.

An oil & gas facility was constructed in the middle of the site near the western boundary since the last inspection. The Division will require the Permittee to submit a technical revision to update the Mining and Reclamation Plan Maps to include the oil & gas facility into the permit. The Permittee stated an additional gas pumping station may be constructed southwest of the current facility. The Division recommends the Permittee submit the updated Mining and Reclamation Plan Maps following the construction of the new facility.

The approved post-mining land use for the site is pastureland. The site is roughly divided into two (2) areas of reclamation: north and south of the oil & gas facility. The older south area contained well-established pastureland grasses and vegetation. The north area has been reclaimed concurrently with the mining activity. The contact mining company is required to reclaim the area disturbed in the previous year every fall. Topsoil replacement and grading of the east slope of the north mining area was occurring during the inspection. Canada thistle was observed along the western boundary of the site and on the west slope of the central topsoil stockpile. The Permittee stated weed spraying was scheduled to be completed soon.

The Division currently holds a financial warranty in the amount of \$10,800, which is adequate to reclaim the current disturbance at the site. The mine sign and boundary markers were observed pursuant to Rule 3.1.12. Photographs taken during the inspection are attached.

If you need additional information or have any questions, please contact me at Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at 303.866.3567 x 8124, or by email at peter.hays@state.co.us.

PHOTOGRAPHS



Van Valkenburg Pit mine sign



View of active mining operation in the north section of the site



View of the recently mined area in the north section of the site



View of the previous year's mining area and reclamation



View of reclamation from last year in the south portion of the north mining area



View of the north mining area from the southeast corner of the area looking northwest



View of the site from the southeast corner of the mine site looking northwest



View of the vegetation in the south portion of the site



View of the north mining area from the access road looking north



View of the topsoil replacement in the north mining area from the northeast corner of the site

Inspection Contact Address

Chris Van Valkenburg
Van Valkenburg Cattle Company, LLC
12353 Hwy 14
Walden, CO 80480

Enclosure – Inspection Map

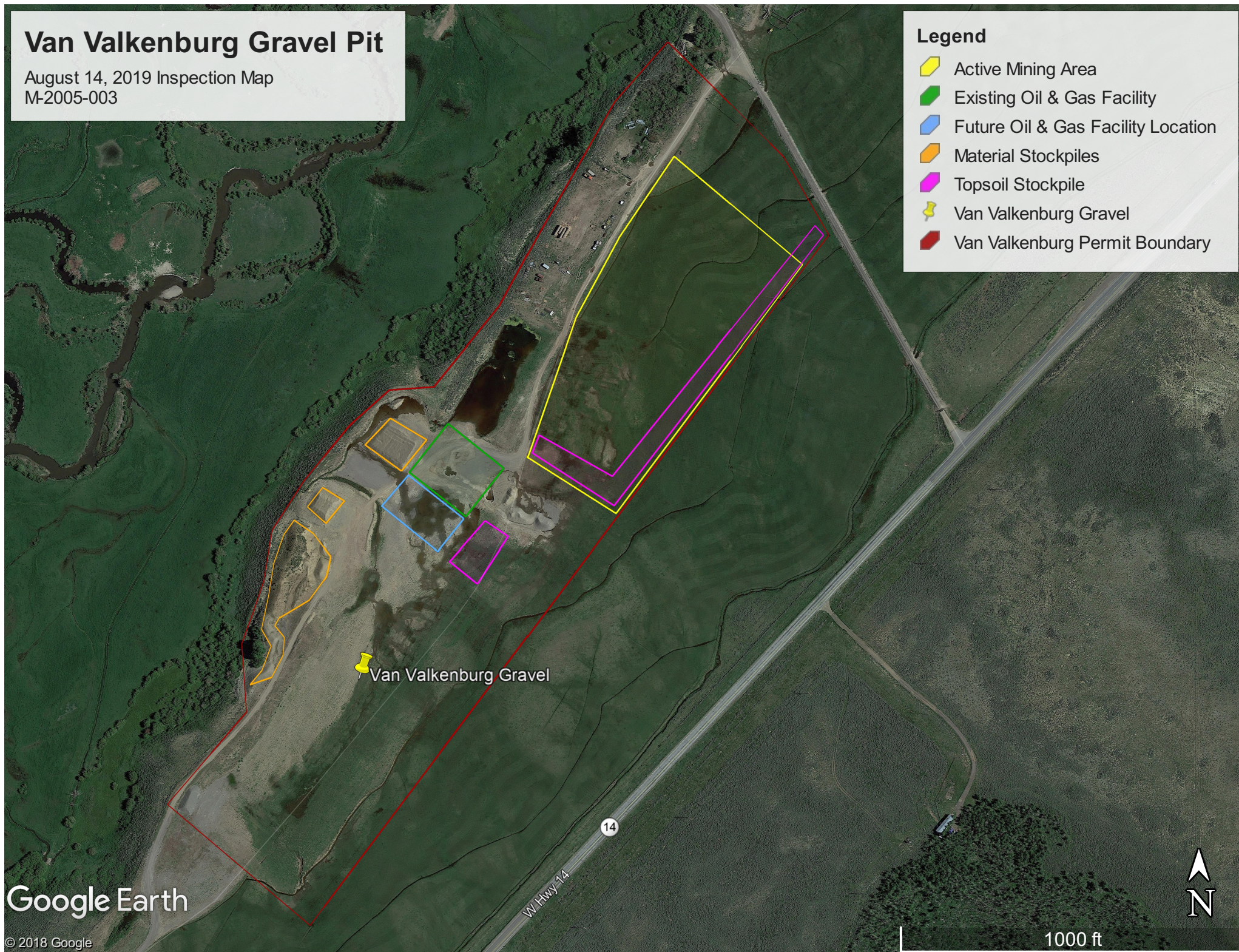
Ec: Michael Cunningham, DRMS

Van Valkenburg Gravel Pit

August 14, 2019 Inspection Map
M-2005-003

Legend

- Active Mining Area
- Existing Oil & Gas Facility
- Future Oil & Gas Facility Location
- Material Stockpiles
- Topsoil Stockpile
- Van Valkenburg Gravel
- Van Valkenburg Permit Boundary



Google Earth

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1000 ft