




**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.

<b>MINE NAME:</b> Crowley Cnty Grav 2	<b>MINE/PROSPECTING ID#:</b> M-1982-126	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Crowley
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Patrick Lennberg and Michael Cunningham	<b>INSP. DATE:</b> December 20, 2018	<b>INSP. TIME:</b> 12:30
<b>OPERATOR:</b> Crowley County	<b>OPERATOR REPRESENTATIVE:</b> David Ragsdale and Greg Sprosty	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$0.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> December 28, 2018	

**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>N</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>NA</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>NA</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	

Y = Inspected and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

## **OBSERVATIONS**

The Crowley County Gravel Pit No. 2 was inspected by Patrick Lennberg and Michael Cunningham with the Division of Reclamation, Mine and Safety (Division/DRMS). The inspection was completed as part of the Division's routine mine inspection protocol. The site was not active at the time of inspection. The site was previously inspected by the Division on November 26, 2013. Mr. David Ragsdale and Mr. Greg Sprosty with Crowley County accompanied us during the inspection.

The site operates under a 112c Construction Materials permit for 30 acres for the mining of sand and gravel. A mine sign and boundary markers was observed as required by Rule 3.1.12. Currently only about 15.5 acres have been affected by mining and a few stockpiles of material remain from past operations. The pit floor is flat and water entering the pit does not flow out. The Division currently holds no financial warranty because it is a county operation.

The post mining land use for the property is rangeland and slopes will be graded to 3H:1V or flatter. The remaining stockpiles will be graded to help achieve the required slope configuration. Some material from the cleaning out of culverts is being stockpiled on site to amend the topsoil that will be spread at the site. Topsoil is to be applied at a depth of five to six inches with crimped mulch. A copy of the Reclamation Plan Map is being included for reference.

The approved seed mixture for the site is as follows:

- Blue Grama – 0.75 PLS/acre
- Sideoats Grama – 2.25
- Western Wheat Grass – 4.0
- Sand Dropseed – 0.125
- Yellow Sweetclover – 0.5

While yellow sweetclover is part of the approved seed mixture the Division encourages the operator not to plant this species as it is considered invasive by some.

The county is no longer mining material from the pit and verbally informed the Division that reclamation of the site has commenced. Pursuant to Rule 3.1.3, the county will have five years from the date of this inspection to complete final reclamation.

Photographs taken during the inspection are attached.

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

### **Inspection Contact Address**

David Ragsdale and Greg Sprosty  
Crowley County  
110 E 6th St  
Ordway, CO 81063

Enclosures: Reclamation Plan Map

CC: Michael Cunningham, DRMS

**PHOTOGRAPHS**



**Photo 1:** Mine sign



**Photo 2:** Boundary marker





**Photo 3:** Beginning of reclamation on the west side of pit.



**Photo 4:** North side of pit with steep slopes that require grading and/or backfilling.



**Photo 5:** Looking east across the pit note various stockpiles of material both gravel and topsoil.



**Photo 6:** Looking at the south end of the pit where the haul road enters the pit.



# RECLAMATION PLAN MAP



1 inch = 100 feet

## LEGEND:

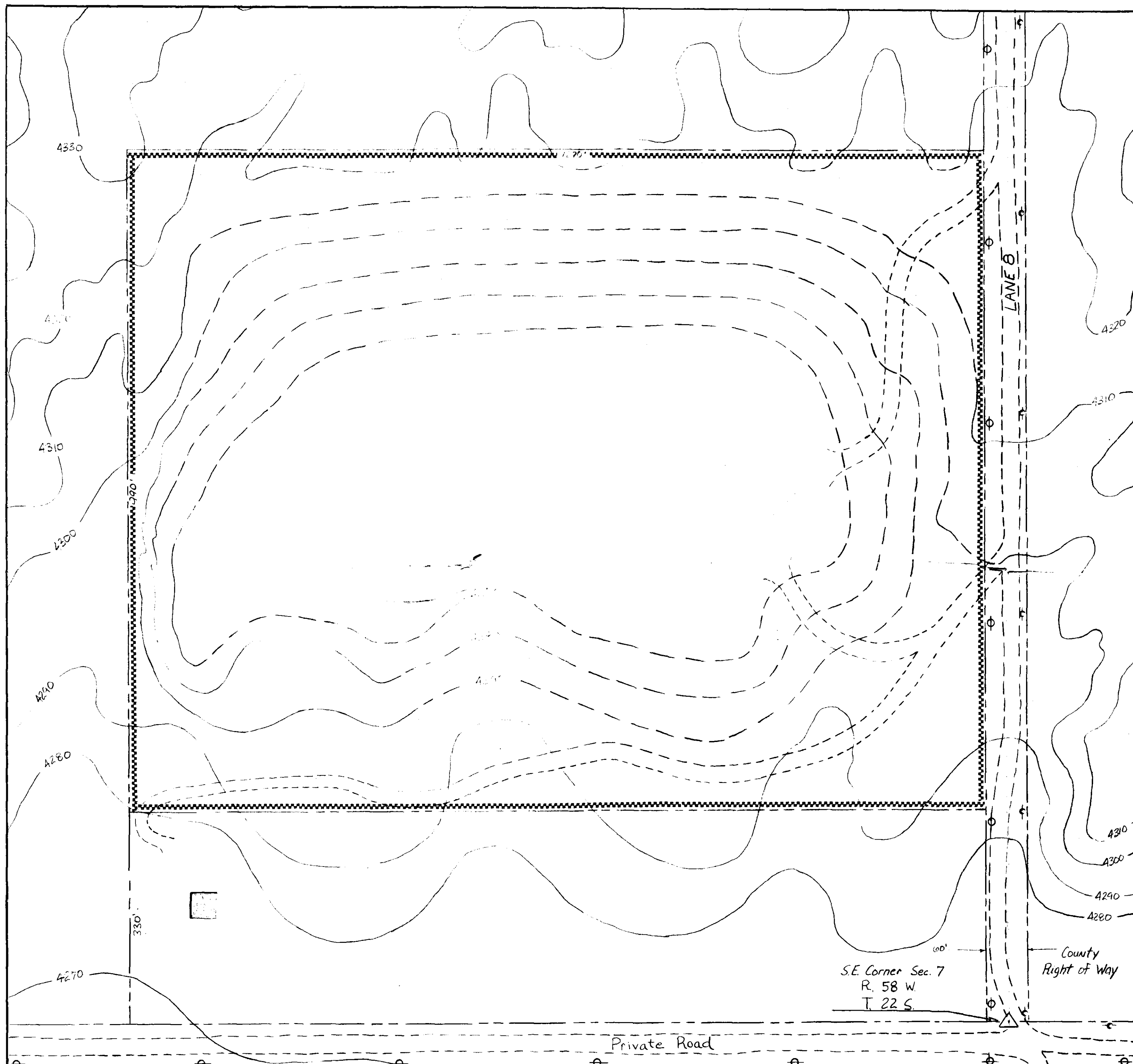
- Existing Contours
- Final Contours
- Gravel Pit Boundary
- Gravel Road
- Building
- Electric Power Line (Southeast Cob. Power Assn.)
- Overhead Telephone (Mountain Bell)
- Section Corner
- Property Boundaries

RECEIVED

JAN  
DEC 12 1983

MINED LAND RECLAMATION  
COLO. DEPT. OF NATURAL RESOURCES

Permit Number m. 1982-126  
 Class: ☒ Permit  
 Section/Exhibit:  
 Class: ☐ Revision  
 Type/Seq:  
 Class: ☐ Report ☐ Hydro ☐ General  
 Doc Type:  
☐ Application (Coal only) ☐ Bond ☐ Enforcement ☐ Inspection



S.E. Corner Sec. 7  
R. 58 W.  
T. 22 S.

Private Road

County  
Right of Way

PREPARED BY:  
*Daniel Wells E.I.T.*  
NOVEMBER '82

CROWLEY COUNTY GRAVEL PIT

Application for Mining  
and RECLAMATION Permit  
by Crowley County:

EXHIBIT F

Sheet 2  
of  
2 Sheets

No.	By	Date	Appr.	Revision

00014038