




**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> Schumacher II	<b>MINE/PROSPECTING ID#:</b> M-2001-018	<b>MINERAL:</b> Gravel	<b>COUNTY:</b> Logan
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Jared L. Ebert	<b>INSP. DATE:</b> February 15, 2017	<b>INSP. TIME:</b> 12:00
<b>OPERATOR:</b> Nienhueser Construction & Excavating Co	<b>OPERATOR REPRESENTATIVE:</b> None	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> IT.Bondcalculationtype.CD.Desc	<b>BOND AMOUNT:</b> \$16,470.90	
<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> February 22, 2017	

**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>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</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>N</u>	(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>	(CI) COMPLETE INSP---- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>

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

## **OBSERVATIONS**

This was monitoring inspection of the Schumacher II mine site, DRMS Permit No. M-2001-018, operated by Nienhueser Construction Excavating Co. I, Jared Ebert and Wally Erickson with the Colorado Division of Reclamation, Mining and Safety (Division) conducted the inspection. Mr. Ronnie Christensen with Nienhueser Construction Excavating Co. was aware of the inspection but did not accompany us during the inspection. The weather was sunny and warm during the inspection.

This inspection was conducted in order to evaluate the corrective actions taken by the operator to address two problems that were cited in the Division's December 15, 2016 inspection report.

### **Backfilling and Grading:**

The operator has re-graded the excavated area and the pit slopes appeared stable.

### **Hydrologic Balance:**

During the Division's December 15, 2016 inspection, I observed a large erosion gully on the west side of the access road that leads to the excavated area. This area has been graded along with the rest of the excavated area and topsoil has been spread over the area. Based on a conversation with Mr. Nienhueser after the inspection, the operator intends to roughen the area and seed the site in early March. Based on the observations made during this inspection, the problem identified during the December 15, 2016 inspection regarding the erosion gully is considered resolved and abated. The operator is encouraged to monitor this area frequently during vegetation establishment to identify and repair any further erosional features.

### **Roads:**

The access road to the site near the intersection to the wind turbine to the west has been graded and it appears topsoil has been spread over the reclaimed road.

### **Revegetation:**

Mr. Keith Nienhueser indicated that they intend to seed the reclaimed area in early March of this year.

### **Signs and Markers:**

During the December 15, 2016 inspection it was cited as a problem that the affected area was not marked in accordance with Rule 3.1.12(2). The operator has placed large wooden posts at the corners of the permit area. Given this, this problem is considered resolved and abated.

### **Topsoil:**

The operator has placed topsoil over the affected area.

## **PHOTOGRAPHS**



**Figure 1. From the access road looking northeast.**



**Figure 2. Former topsoil stockpile area.**



**Figure 3. From the northeast corner of the affected area looking west.**

**Inspection Contact Address**

Keith Nienhueser  
Nienhueser Construction & Excavating Co  
1500 10th Ave.  
Sidney, NE 69162

Enclosure: None

CC: None