




**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> Bennett Pit	<b>MINE/PROSPECTING ID#:</b> M-2016-085	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Weld
<b>INSPECTION TYPE:</b> Pre-Operation Inspection	<b>INSPECTOR(S):</b> Peter S. Hays	<b>INSP. DATE:</b> March 22, 2017	<b>INSP. TIME:</b> 09:00
<b>OPERATOR:</b> Northern Colorado Constructors	<b>OPERATOR REPRESENTATIVE:</b> Chris Zadel, J.C. York	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Pre-Operation Inspection	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> No Bond Held	
<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> May 2, 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>N</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>N</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>N</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>N</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 a pre-operational inspection of the proposed Bennett Pit site conducted by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS). Mr. Chris Zadel with Northern Colorado Constructors, Inc. and Mr. J.C. York with J&T Consulting, Inc. were present during the inspection.

The 112 construction materials permit application was received by the Division on December 27, 2016. The application was deemed complete on January 30, 2017. The Applicant published public notice as required by Rule 1.6.2(d) for four consecutive weeks. The last notice was published on March 8, 2017. The public comment for the application ended on March 29, 2017. Five (5) letters of objection to the application were received by the Division during the public comment period. Copies of the objection letters were sent to the Operator for review. The notice sign was observed in several locations during the inspection as required by Rule 1.6.2(b).

The Bennett Pit is a proposed 163.32 acre construction materials site. The proposed mine site is currently used for agriculture purposes. The site is located west of the South Platte River in Weld County. The sand and gravel deposit ranges up to 52 feet in depth. The site will be dry mined and a slurry wall will be constructed around the perimeter of the mining areas prior to exposing groundwater. The Operator intends to mine and reclaim the site in 2 phases. Phase 1 includes mining the north cell area, constructing access roads and stockpile areas and constructing the processing plant area in the southwest portion of the site. Phase 2 includes mining the south cell area. The life of mine is estimated at 10 to 15 years. The construction of two water storage reservoirs during reclamation is consistent with the proposed post-mining land use of developed water resource.

The proposed mine site was observed during the inspection. The site was observed from the intersection of WCR 22.5 and WCR 25 and at the location of the proposed access road entrance at the intersection of WCR 23 and WCR 24. The interior of the proposed mine site was observed from existing oil and gas and agriculture roads. The site consisted of a planted agriculture field in the north portion of the site (Phase 1) and plowed agricultural fields in the south portion of the site (Phase 2). The oil and gas facility located in the middle of the site was observed. The proposed location of the processing plant and slough were observed. All utility owners along WCR 22.5 and WCR 23 appear to have been notified by the Applicant.

Photographs taken during the inspection are attached. The Division's permit application adequacy letter was sent to the Applicant on April 5, 2017. The current decision date for the application is June 28, 2017, following the approval of a decision date extension request by the Applicant on April 28, 2017.

### **Inspection Contact Address**

Mr. Chris Zadel  
Northern Colorado Constructors  
9075 Weld County Road 10  
Fort Lupton, CO 80621

Ec: Wally Erickson, DRMS  
J.C. York, J&T Consulting, Inc.

## PHOTOGRAPHS



Bennett Pit notice sign at intersection of WCR 22.5 and WCR 25



Bennett Pit notice sign at the intersection of WCR 23 and WCR 24





View from proposed access road entrance location on WCR 23 looking south



View from gate at intersection of WCR 22.5 and WCR 25 looking west





View from gate at intersection of WCR 22.5 and WCR 25 looking northwest



View of southern portion of site from east side of the proposed plant area looking east





View of the middle of the site from the east boundary of Phase 1 looking south



View from the east end of the proposed access road looking west





View of north portion of site from the NW corner of Phase 2 looking south



View of site from the oil and gas facility in the middle of the site looking south