


**COLORADO**Division of Reclamation,  
Mining and Safety

Department of Natural Resources

**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> Greeley West Pit	<b>MINE/PROSPECTING ID#:</b> M-1977-081	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Weld
<b>INSPECTION TYPE:</b> Surety-Related Inspection	<b>INSPECTOR(S):</b> Peter S. Hays	<b>INSP. DATE:</b> September 30, 2016	<b>INSP. TIME:</b> 10:00
<b>OPERATOR:</b> Cottonwood Land and Farms, LLC	<b>OPERATOR REPRESENTATIVE:</b> Mike Hart	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	

<b>REASON FOR INSPECTION:</b> Surety Related	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$134,415.00
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None
<b>WEATHER:</b> Cloudy	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> September 30, 2016

**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:** Signs & Markers

**PROBLEM/POSSIBLE VIOLATION:** Problem: The mine identification sign was not posted at the entrance of the mine site. This is a problem for failure to post a mine identification sign as required by Section 3.1.12(1) of the Rule.

**CORRECTIVE ACTIONS:** The Operator shall, at the entrance of the mine site, post a sign which shall be clearly visible from the access road with the following: the name of the Operator, a statement that a reclamation permit for the operation has been issued by the Colorado Mined Land Reclamation Board; and the permit number. The Operator shall submit photo documentation that a proper sign has been posted by the corrective action date.

**CORRECTIVE ACTION DUE DATE:** 11/29/16

**OBSERVATIONS**

The Greeley West site was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as required by the Transfer of Permit and Succession of Operators process and Rule 1.12 and to verify the corrective action cited during the last inspection was completed. Mr. Mike Hart with Hart Environmental representing Cottonwood Land and Farms, LLC was present during the inspection. The site was previously inspected by the Division on April 11, 2016 for acreage reduction request (AR-03).

38.16 acre southeast corner parcel

The southeast parcel was observed during the inspection. The parcel is defined by 25th Ave to the east, fence on the north and west boundaries and the tops of the pond berms to the north and fence line and F Street to the south. Juvenile grass and annual weeds (kochia) were observed. The Operator stated the site would be mowed this fall, weeds would be treated next spring and areas requiring additional vegetation would be reseed next spring. The first year of vegetation appeared appropriate of the first growing season. The north and northeast shorelines of the pond located in the parcel may be hydro-seeded to promote vegetative growth on the mostly bare slopes.

38.49 acre north parcel

The northern 38.49 acre parcel was observed during the inspection. The parcel is defined by the Poudre River to the south, 35th Ave to the west and fence lines to the north and west. The parcel was unchanged since the previous inspection. Cottonwood intends to lease the parcel to a mining company to mine the parcel. An additional Succession of Operator process will be required to transfer the Greeley West permit from Cottonwood to the future mining company. A technical revision to redefine the Greeley West permit areas and update the mining and reclamation plans, once known, will be required by the Division.

Financial Warranty:

The Division is required to recalculate the required reclamation bond within 60-days from the date of the succession of operator transfer is completed. The Division currently holds a reclamation bond in the amount of \$134,415.00, which appears adequate based on the status of the site. No additional financial warranty is required.

Mine Sign

As cited as a problem on the first page, the mine identification sign was not posted at the entrance of the mine site. This is a problem for failure to post a mine identification sign as required by Section 3.1.12(1) of the Rule. The Operator stated signs would be posted on the entrances to both parcels.

Photographs taken during the inspection are attached.

Inspection Contact Address

Mr. Bill McDowell  
Cottonwood Land and Farms, LLC  
P.O. Box 229  
Boulder, CO 80306

Ec: Wally Erickson, DRMS

**PHOTOGRAPHS**



View of north parcel looking north from well pad



View of north parcel looking NE from well pad





View of north parcel looking west from well pad



View of north parcel looking west from well pad



View of south parcel looking west from east end of parcel



View of south parcel looking south from middle of parcel



### GENERAL INSPECTION TOPICS

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

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</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>PB</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(CI) COMPLETE INSP---- <u>Y</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