


**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> Loloff Mine	<b>MINE/PROSPECTING ID#:</b> M-1985-112	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Weld
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Peter S. Hays	<b>INSP. DATE:</b> October 11, 2017	<b>INSP. TIME:</b> 09:30
<b>OPERATOR:</b> Loloff Construction, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Kelly Hodge	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	

<b>REASON FOR INSPECTION:</b> Citizen Complaint	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$1,104,455.00
<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> October 17, 2017

**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:** Availability Of Records

**PROBLEM/POSSIBLE VIOLATION:** Problem: The Division of Reclamation, Mining and Safety has not received the 2017 Annual Report, Annual Fee and Annual Map for the site.

**CORRECTIVE ACTIONS:** The Operator shall submit the 2017 Annual Report, Annual Fee and Annual map for the site with the required groundwater monitoring data by the corrective action date.

**CORRECTIVE ACTION DUE DATE:** 11/17/17

**OBSERVATIONS**

The Loloff Mine was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) in response to a citizen complaint (CT-09) received on September 19, 2017 from Mrs. Diana Taylor. A copy of the complaint letter was forwarded to the Operator on September 26, 2017.

The Taylor residence, 665 Balsam Avenue, Greeley, CO 80631, is located southeast of the Loloff Mine. The complaint letter states the construction of the slurry wall is overdue, the Operator decided to dig-out a lot more dirt and dust for the site affects her asthma. The letter also states the Derr Pit located east of the Loloff Pit is importing blacktop (asphalt) and the site is planning to crush asphalt and concrete which may affect the air quality at her residence.

The Division inspected the Loloff Mine to discuss Mrs. Taylor's complaints with the Operator. Mr. Kelly Hodge with Loloff Construction was present during the inspection. The mine site was actively excavating material and dewatering the site.

The Division does not dictate the timeline for the installation of slurry walls at mine sites. The decision of when to install a slurry wall is the Operator's decision to make based the operational requirements of the mine. The slurry wall design and specifications for the Loloff Mine were approved by the Division on July 18, 2016. The Operator stated the lower portion of the slurry wall was completed two months ago. The top of the slurry wall was observed around the perimeter of the site during the inspection. The upper clay liner portion of the slurry wall will be installed by the Operator in the near future. The slurry wall leak test is scheduled to begin ten days from the date of this inspection according to the Operator.

The extraction of sand and gravel from the site is progressing in accordance with the approved Mine Plan. Mining excavation was observed in the former location of the processing plant during the inspection. The Operator estimated mining will be complete and the perimeter slopes will be graded to the approved 3H:1V grade by the spring of 2018.

Balsam Avenue and the internal access roads for the Loloff Mine were being watered by a water truck to suppress dust at the site due to truck and equipment traffic during the inspection. The enforcement of dust emissions from the site is under the jurisdiction of Weld County.

The Derr Pit located east of the Loloff Mine was inspected to observe the stockpiled material at the site. Stockpiles of recycled asphalt products and concrete were observed at Derr Pit. The importation and temporary stockpiling of these materials is acceptable under the Division's Rule and Regulations. The Operator stated the asphalt millings would be rescreened and the asphalt and concrete stockpiles would be reprocessed to produce a sellable product in the future. The Operator confirmed all stockpiled imported material will be removed from the site and the site is in compliance with Weld County requirements for the stockpiles. An Air Pollution Emissions Notice (APEN) permit, which regulates dust emission from processing plants will be required for the material processing under the jurisdiction of the Colorado Department of Public Health and Environment. The Operator stated they are aware of the requirement to obtain an APEN prior to reprocessing the materials at the site.

The Division contacted Mrs. Taylor before the inspection to schedule a time to meet with her following the inspection of the Loloff Pit. Mrs. Taylor indicated she was available the before 11:00 am on the date of the inspection. The Division stopped by her residence at 10:15 am. There was no answer at the front door of the residence.

The Division considers the complaint (CT-09) resolved due to the installation of the lower portion of the slurry wall and the on-going operation of the Loloff Mine in accordance with the approved Mining and Reclamation Plans.

The Annual Report for the Loloff Mine is due on February 4<sup>th</sup> every year. As cited as a problem on the first page of this inspection report, the Division has not received the 2017 Annual Report for the site as of the signature date of this inspection report. The Operator shall submit the 2017 Annual Report, Annual Fee and Annual map for the site with the required groundwater monitoring data by November 17, 2017 to avoid a possible violation and civil penalties.

Photographs taken during the inspection are attached.

**Inspection Contact Address**

Mr. Kelly Hodge  
Loloff Construction, Inc.  
801 8th Street, Suite 130  
Greeley, CO 80631

Cc: Wally Ericson, DRMS  
Diana Taylor, Landowner

## PHOTOGRAPHS



View of the completed slurry wall cap in the southeast corner of the Loloff Pit looking south from the entrance



View of the Loloff Pit from the southwest corner of the site looking northeast



View of the completed slurry wall cap along the west side of the Loloff Pit looking north from the southwest corner of the site



View of the completed slurry wall cap along the north side of the Loloff Pit looking west



View of asphalt stockpile (near) and milling stockpiles (far) at the Derr Pit looking west from the office



View of concrete stockpiles in the southern portion of the Derr Pit looking south from the office

### GENERAL INSPECTION TOPICS

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

(AR) RECORDS----- <b>PB</b>	(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