




**MINERALS PROGRAM INSPECTION REPORT**  
**PHONE: (303) 866-3567**

The Division of Reclamation, Mining and Safety 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> Raindance Sand and Gravel Mine	<b>MINE/PROSPECTING ID#:</b> M-2004-022	<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> June 6, 2019	<b>INSP. TIME:</b> 11:30
<b>OPERATOR:</b> Raindance Aquatic Investments, LLC	<b>OPERATOR REPRESENTATIVE:</b> Cody Wooldridge	<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> \$28,000.00	
<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> July 31, 2019	

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

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

## **OBSERVATIONS**

The Raindance Sand and Gravel Mine was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as part of the Division's monitoring inspection program. The site was previously inspected by the Division on July 10, 2014. Mr. Cody Wooldridge with Raindance Aquatic Investment, LLC (Raindance) was present during the inspection. An inspection map created based on the observations made during the inspection is attached.

The site is an 112c operation permitted for 85.00 acres. Mining activities at the site ended in 2009 according to the annual reports submitted by the Operator. The site was used to recycle concrete from the Kodak plant demolition after the mining operation and construction of the slurry wall were completed. The recycling operation has concluded and all stockpiled materials have been removed from the site. The slurry wall was approved by the Division of Water Resources in 2008. The Division approved a technical revision (TR-02) on April 4, 2018 to revise the reclamation plan map to reflect the ongoing Town of Windsor and oil and gas operations, a pump station and new access road location. The site has been heavily affected by the oil and gas facility construction and operations. The Division's inspection focused on the northern portion of the site, due to the amount of non-mining related disturbance associated with oil and gas facilities in the southern portion of the site.

The Division will require the Operator to submit another technical revision to update the Reclamation Plan Map due to the following site changes since the approval of TR-02. The pump station was under construction on the south side of the reservoir. The location of the pump station is different than the location approved under TR-02. A new oil and gas facility was installed in the northwest corner of the site. TR-02 lists this area as Lots 4 and 5 approved by the Town of Windsor, not an oil and gas facilities. The oil and gas facilities installation were recently completed and the area was being regraded during the inspection. The Operator was required to construct a temporary section of the Poudre River Trail around the west side of the reservoir while the oil and gas facilities construction blocked the trail. The temporary trail consists of a crusher fines surface. The Operator stated the southern portion of the temporary trail would be removed and reclaimed. The northern portion of the temporary trail will remain for access to an adjacent property per an agreement between Raindance and the property owner.

The approved post-mining land use is pastureland and developed water resource. The Operator stated tamarisks were recently removed from the shoreline of the reservoir. No noxious weeds were observed during the inspection. As stated above, the oil and gas area located in the northwest area of the site was being regraded for reclamation. A temporary access road along the northern portion of the site and a temporary culvert located in the northeast corner of the site will be removed and reclaimed by the Operator. The northwest corner of the reservoir shoreline was backfilled and will require reclamation by the Operator. The remaining site reclamation associated with the oil and gas facilities is expected to be completed soon.

The Division holds a financial warranty in the amount of \$28,000.00, which appears adequate to reclaim the remaining areas not required to be reclaimed by the oil and gas companies.

An entrance sign was posted and permit boundary markers were observed as required by Rule 3.1.12. Photographs taken during the inspection are attached.

## PHOTOGRAPHS



Raindance Mine sign



View of the temporary trail and pump station construction from the southwest corner of the reservoir looking east





View of the temporary trail and oil and gas facilities from the southwest corner of the reservoir looking north



Backfill area located in the northwest corner of the reservoir



View of the temporary road in the northern portion of the site

**Inspection Contact Address**

Cody Wooldridge  
Raindance Aquatic Investments, LLC  
1625 Pelican Lakes Point, Ste. 201  
Windsor, CO 80550

Enclosure – Inspection Map

Ec: Michael Cunningham, DRMS