




COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY
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.

MINE NAME: Del Norte Gravel Pit	MINE/PROSPECTING ID#: M-1978-071	MINERAL: Sand and gravel	COUNTY: Rio Grande
INSPECTION TYPE: Monitoring	INSPECTOR(S): Bob Oswald	INSP. DATE: March 28, 2012	INSP. TIME: 10:30
OPERATOR: Rio Grande County	OPERATOR REPRESENTATIVE: Patrick Sullivan	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$0.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: Local Government	JOINT INSP. AGENCY: Local Government
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: April 10, 2012

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>NA</u>	(RD) ROADS----- <u>NA</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING----- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION----- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN----- <u>NA</u>	(SB) COMPLETE INSP----- <u>NA</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION----- <u>Y</u>	(RS) RECL PLAN/COMP----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</u>	(OD) OFF-SITE DAMAGE----- <u>NA</u>	(ST) STIPULATIONS----- <u>NA</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 routine inspection performed by the Division as part of its monitoring of Construction Materials 112 permits. There was no mining activity being carried out at the time of the inspection. The operator's representative named on page one was present throughout the inspection. The site was identified by the required sign posted at the entrance, and the permit boundary is marked by fenceline.

Acid And Toxic Materials:

The fluids associated with the approved hot mix plant were all adequately stored with impremeable secondary containment. There was no evidence of spills or leaks. There were several large storage tanks and drums in a separate location north of the plant, but those vessels were empty.

Backfilling and Grading:

The western pit is reclaimed as wildlife habitat, and the banks have been graded to 3:1 or less. The central pit where active operations now occur has not been graded yet. The old house that was located on the SE part of the site has been removed, all debris has been disposed of, and site is graded smooth.

Fish and Wildlife:

Deer, geese and ducks are regularly observed on the site, particularly when recharge water forms a pond in the west pit.

Hydrologic Balance:

The operator has approval for seasonal water in the west pit. There is no exposure of groundwater in the other areas of the site.

General Compliance With Mine Plan:

The county imports materials from offsite sources, which are stockpiled on the site for later processing and/or use offsite. The file indicates that this is an approved activity, but the operator should consider revising this permit, as well as their other permits, to specifically allow this activity. At this time this is not a problem.

Processing Waste:

There are stockpiles of cold mix and leftover hot mix asphalt north of the processing plant. These materials are routinely removed for county construction projects.

Reclamation Success:

The west pit may be considered to be reclaimed, since its banks are graded and revegetated, and no further disturbance will occur to the banks. The bottom of the west pit is undulating native cobbles. During extremely low water recently the operator deepened portions of the pit, which did not affect the banks.

Revegetation:

There are no areas that are currently ready to be seeded, and no seeding has occurred recently. The site is under an adequate weed control plan, receiving monitoring and treatments as needed from county weed control.

PHOTOGRAPHS



Inspection Contact Address

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For questions concerning this report, please contact this inspector at the Division's Durango Field Office:

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