




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: Parkdale Project	MINE/PROSPECTING ID#: M-1997-054	MINERAL: Sandstone (silica, stone quartzite), gravel and granite gneiss	COUNTY: Fremont
INSPECTION TYPE: Monitoring	INSPECTOR(S): Timothy A. Cazier	INSP. DATE: April 28, 2015	INSP. TIME: 10:00
OPERATOR: Front Range Aggregates, LLC	OPERATOR REPRESENTATIVE: Clayton Morrow	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$1,174,724.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: December 28, 2015

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 has no record of compliance with an extensive list of stipulations (Series ST-2, ST-5 and ST-6) dating back to 2009 (see Attachment A).
CORRECTIVE ACTIONS: Provide documentation demonstrating compliance with past due stipulated requirements OR demonstrate compliance with these stipulated requirements are no longer applicable.
CORRECTIVE ACTION DUE DATE: 2/29/16

OBSERVATIONS

This inspection was conducted as part of the regular monitoring program. The Operator (Front Range Aggregates) was represented by Mr. Clayton Morrow who was present for the inspection.

The Parkdale Quarry site access road entrance is located off US 50, approximately 10 miles west of Cañon City. This is a 112c gravel mine. The mine was not active at the time of the inspection due to heavy rain over the weekend preceding the inspection.

Inspection:

Markers & Boundary – A permit sign was displayed at the site entrance (see **Photo 1**). Due to the saturated soil conditions at the time of the inspection, site access was limited. Mr. Morrow did point out a T-post affected area boundary marker in the southwest corner of the pit (see **Photo 2**). The west affected area boundary was marked with fencing (see **Photo 3**).

Mining Plan – Working highwalls were observed to be near vertical (see **Photo 4**). The approved mine plan appears to allow 0.5H:1V slopes during mining to be flattened to 3H:1V using overburden material after placing a 15-foot thick clay blanket against the excavated highwall.

A dewatering trench is shown in **Photo 5** and the settling pond in **Photo 6**.

Mr. Morrow indicated Cañon City received 3.16 inches of rain on April 25, but did not have a total rainfall for the site. The saturation of the site soils and the observed ponding in the pit (see **Photos 7 and 8**) suggest the site also received a similar significant amount of rainfall. The observed highwall sloughing is likely at least partly a result of this rain and why the Division stipulated highwall inspections after significant precipitation events (see **Attachment A**, stipulation Series No. 6).

Reclamation – Mr. Morrow indicated there was 8 to 10 years of mine life remaining. No formal reclamation had begun, but an engineering firm had been hired to possibly incorporate a geomembrane liner design into the planned water storage post-mine land use. The Division did receive a Technical Revision request to modify the water storage system liner in June 2015, but it was later withdrawn.

Environmental – No problems with contaminant spills, erosion/sedimentation or noxious weeds were observed.

Records:

- **Revisions**: Amendment 1 (AM-01) in April 2008, Technical Revisions (TR-01 through TR-05) between 1999 and 2004 and, permit transfer (SO-01) in 2004.
- **Commitments/Stipulations**: The Division has no record of compliance with an extensive list of stipulations (Series ST-2, ST-5 and ST-6) dating back to 2009 (see **Attachment A**). This is cited as a problem on page 1 of this report. Please provide documentation demonstrating compliance with past due stipulated requirements OR demonstrate compliance with these stipulated requirements are no longer applicable. Any stipulations that require future compliance should be addressed by submitting the required documentation with future annual reports.
- **Other Records**
 - a) The total permitted area is 200 acres, the 2015 annual report indicated 93 acres of disturbance.

- b) The previous inspection was performed on 7/31/2010. No problems were cited.
- c) The anniversary date is January 11. Annual reports and fees are current through 2015.
- d) The post-mine land use is developed water resources.

Bond:

The Division holds a \$1,174,724 bond which is deemed adequate for the current disturbance. The bond held by the Division exceeds the required bond of \$1,145,736 by \$28,988.

Summary and Recommendations:

- 1. No problems or concerns were observed during the inspection.
- 2. The Division has no record of compliance with an extensive list of stipulations (Series ST-2, ST-5 and ST-6) dating back to 2009 (see **Attachment A**). The Operator needs to provide documentation demonstrating compliance with past due stipulated requirements OR demonstrate compliance with these stipulated requirements are no longer applicable. Any stipulations that require future compliance should be addressed by submitting the required documentation with future annual reports.

Please contact Tim Cazier (303-866-3567, ext. 8169) if you have any questions regarding this report.

PHOTOGRAPHS



Photo 1. Permit identification sign.

PHOTOGRAPHS (cont.)



Photo 2. T-post affected area boundary marker in southwest corner of the pit (south side looking east).



Photo 3. Affected area boundary fencing in southwest corner of the pit (south side looking north).

PHOTOGRAPHS (cont.)



Photo 4. Working highwalls observed to be near vertical (looking east).



Photo 5. Pit dewatering trench (looking NW).

PHOTOGRAPHS (cont.)



Photo 6. Settling pond (looking west).



Photo 7. Observed ponding in the pit (looking NE).

PHOTOGRAPHS (cont.)



Photo 8. Saturated pit floor soils and observed ponding in the pit (looking west).

GENERAL INSPECTION TOPICS

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

(AR) RECORDS----- PB	(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>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</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>NA</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SW) STORM WATER MGT PLAN---- <u>Y</u>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>

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

Inspection Contact Address

Michael Sheahan
Front Range Aggregates, LLC
823 South Perry Street, #210
Castle Rock, CO 80104

Enclosure

EC: Wally Erickson, DRMS
DRMS file

ATTACHMENT A

Front Range Aggregates, LLC - Parkdale Project Stipulations

Printed: 12/24/2015

Sections Requested for Report: I, II

Activity Due: Dates are between 12/24/2015 and 1/24/2016

Activity Past Due: Dates are before 12/24/2015

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Mine ID	Permittee Name	Site Name	Description	Date	Date
Permit Status	County	Permit Type	Source Code	Due	Complete

I. Activity Due: Compliance Requirement (* see full text on p.6) / Infraction / Enforcement / Abatement

M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-46 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	12/28/2015
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II. Activity Past Due: Compliance Requirement (* see full text on p.6) / Infraction / Enforcement / Abatement

M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project PR	ST-2-12 Compliance Date Due - Compliance (Permit Spec) Monitor two of the 15 individual or multiple spring sources	3/26/2010
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project PR	ST-2-13 Compliance Date Due - Compliance (Permit Spec) Monitor two of the 15 individual or multiple spring sources	3/26/2011
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project PR	ST-2-14 Compliance Date Due - Compliance (Permit Spec) Monitor two of the 15 individual or multiple spring sources	3/26/2012
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project PR	ST-2-15 Compliance Date Due - Compliance (Permit Spec) Monitor two of the 15 individual or multiple spring sources	3/26/2013
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project PR	ST-2-16 Compliance Date Due - Compliance (Permit Spec) Monitor two of the 15 individual or multiple spring sources	3/26/2014
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project PR	ST-2-17 Compliance Date Due - Compliance (Permit Spec) Monitor two of the 15 individual or multiple spring sources	3/26/2015
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project PR	ST-5-13 Compliance Date Due - Compliance (Permit Spec) Monitor flow rate and test water quality Brown/Steers spring.	3/26/2010
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project PR	ST-5-14 Compliance Date Due - Compliance (Permit Spec) Monitor flow rate and test water quality Brown/Steers spring.	3/26/2011
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project PR	ST-5-15 Compliance Date Due - Compliance (Permit Spec) Monitor flow rate and test water quality Brown/Steers spring.	3/26/2012
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project PR	ST-5-16 Compliance Date Due - Compliance (Permit Spec) Monitor flow rate and test water quality Brown/Steers spring.	3/26/2013
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project PR	ST-5-17 Compliance Date Due - Compliance (Permit Spec) Monitor flow rate and test water quality Brown/Steers spring.	3/26/2014
M1997054	Front Range Aggregates, LLC		Parkdale Project	ST-5-18 Compliance Date Due - Compliance (Permit Spec)	3/26/2015

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Mine ID	Permittee Name	Site Name	Description	Date Due	Date Complete
Permit Status	County	Permit Type	Source Code		
II. Activity Past Due: Compliance Requirement (* see full text on p.6) / Infraction / Enforcement / Abatement					
AC	Fremont	112c	PR	Monitor flow rate and test water quality Brown/Steers spring.	
M1997054	Front Range Aggregates, LLC	Parkdale Project	ST-6-10 Compliance Date Due - Compliance (Permit Spec)	12/28/2009	
M1997054 AC	Front Range Aggregates, LLC Fremont	Parkdale Project RV	ST-6-11 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	2/28/2010	
M1997054 AC	Front Range Aggregates, LLC Fremont	Parkdale Project RV	ST-6-12 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	4/28/2010	
M1997054 AC	Front Range Aggregates, LLC Fremont	Parkdale Project RV	ST-6-13 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	6/28/2010	
M1997054 AC	Front Range Aggregates, LLC Fremont	Parkdale Project RV	ST-6-14 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	8/28/2010	
M1997054 AC	Front Range Aggregates, LLC Fremont	Parkdale Project RV	ST-6-15 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	10/28/2010	
M1997054 AC	Front Range Aggregates, LLC Fremont	Parkdale Project RV	ST-6-16 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	12/28/2010	
M1997054 AC	Front Range Aggregates, LLC Fremont	Parkdale Project RV	ST-6-17 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	2/28/2011	
M1997054 AC	Front Range Aggregates, LLC Fremont	Parkdale Project RV	ST-6-18 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	4/28/2011	
M1997054 AC	Front Range Aggregates, LLC Fremont	Parkdale Project RV	ST-6-19 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	6/28/2011	

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Mine ID	Permittee Name	Site Name	Description	Date	Date
Permit Status	County	Permit Type	Source Code	Due	Complete
II. Activity Past Due: Compliance Requirement (* see full text on p.6) / Infraction / Enforcement / Abatement					
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-20 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	8/28/2011
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-21 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	10/28/2011
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-22 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	12/28/2011
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-23 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	2/28/2012
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-24 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	4/28/2012
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-25 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	6/28/2012
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-26 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	8/28/2012
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-27 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	10/28/2012
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-28 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	12/28/2012
M1997054	Front Range Aggregates, LLC		Parkdale Project	ST-6-29 Compliance Date Due - Compliance (Permit Spec)	2/28/2013

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Activity Past Due: Dates are before 12/24/2015

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Mine ID Permit Status	Permittee Name County	Permit Type	Site Name Source Code	Description	Date Due	Date Complete
II. Activity Past Due: Compliance Requirement (* see full text on p.6) / Infraction / Enforcement / Abatement						
AC	Fremont	112c	RV	1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should		
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-30 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	4/28/2013	
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-31 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	6/28/2013	
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-32 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	8/28/2013	
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-33 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	10/28/2013	
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-34 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	12/28/2013	
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-35 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	2/28/2014	
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-36 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	4/28/2014	
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-37 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	6/28/2014	
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-38 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	8/28/2014	

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Permit Status	County	Permit Type	Source Code	Due	Complete
II. Activity Past Due: Compliance Requirement (* see full text on p.6) / Infraction / Enforcement / Abatement					
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-39 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	10/28/2014
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-40 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	12/28/2014
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-41 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	2/28/2015
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-42 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	4/28/2015
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-43 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	6/28/2015
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-44 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	8/28/2015
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-45 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	10/28/2015
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-7 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	6/28/2009
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-8 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should	8/28/2009
M1997054 AC	Front Range Aggregates, LLC Fremont	112c	Parkdale Project RV	ST-6-9 Compliance Date Due - Compliance (Permit Spec) 1. A visual inspection of the excavated highwalls should be done on a	10/28/2009

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Activity Due: Dates are between 12/24/2015 and 1/24/2016

Activity Past Due: Dates are before 12/24/2015

Mine ID	Permittee Name	Site Name	Description	Date	Date
Permit Status	County	Permit Type	Source Code	Due	Complete
weekly basis for the first 6 months of mining. This inspection should					

ST-2 Series Full Text:

The operator will monitor two of the 15 individual or multiple spring sources that were mapped by Azurite, Inc., and located on the north side of the Arkansas River on a semi-annual basis for flow rate fluctuations and include the results of the monitoring with its Annual Report. If a significant flow rate decrease is observed which is above 20% and not associated with a dry season for the region, the operator shall promptly investigate the cause of the drop in flow rate and promptly submit a report of it's findings to the Division. In addition, the Operator shall measure the two monitoring wells located along the southern boundary of the permit area for static water elevation on a semi-annual basis and include those measurements in its Annual Report. The operator shall promptly investigate any significant drop in static water elevation that is not associated with seasonal conditions and promptly submit a report of the results of the investigation to the Division.

ST-5 Series Full Text:

In the same manner as provided for the testing of quantity and quality testing of the two (2) springs defined in Condition No. 1, the operator shall test the Mark N. And Jacque Brown/Robert and Susan Steers spring located east of County Road 157 on a bi-annual basis, provided the owners and users of the spring provide sufficient reasonable access to allow the operator to conduct the sampling necessary for the water quality test.

ST-6 Series Full Text:

1. A visual inspection of the excavated highwalls should be done on a weekly basis for the first 6 months of mining. This inspection should consist of walking the existing ground and looking for any signs of stress cracks or other potential signs of slope failure. Some minor sluffing of highwalls is expected on any mine site. The intent of this inspection is to locate potential major slope failures that could potentially extend back into a structure.
2. A visual inspection should be done anytime a major precipitation event that has saturated the ground using the same procedures. A major precipitation event defined as a storm that produces an intensity level reached once in 50 years on the average.
3. If a visual inspection detects signs of potential slope failure, qualified personnel should be contacted to evaluate and recommend remediation work to stabilize the area.
4. If no visible signs of slope failure are detected within the first 6 months, then the inspection period could be reduced to once per month or after every major precipitation event.