



Minerals 3600 Mine and Reclamation Inspection
U.S. Department of the Interior
Bureau of Land Management
Royal Gorge Field Office



The BLM has conducted an inspection of your operations, which concludes whether the documented operations on file with BLM are compliant or noncompliant. Any non-compliance issues are reported in the Additional Actions Necessary section of this inspection.

Operation Type: ☒ Surface – continual ☐ Surface – intermittent ☐ Underground

Date: Sep 4, 2019 Time: 09:00 Weather: Sunny	Operation Name: T.H.E. Aggregate Source Case Number: COC-074982 CDRMS #: M-1977-193
Attendees BLM: S. Carter Operator(s): L. Toxvard Other(s):	General Operation(s) are in compliance with documentation on file <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Operation(s) and disturbance on-site coincide with the operations and access on file <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

Inspection Purpose: ☐ Pre-Operations ☒ General ☐ Final ☐ Trespass ☐ Complaint

Inspection Items	Compliant	Non-Compliant	N/A
1. Method of Operations			
Hardrock Quarry, Pit, Other			
a. Hardrock Quarry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Operations Equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Processing Equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Blasting <input checked="" type="checkbox"/> Internal <input type="checkbox"/> External	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Interim Benches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Final Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• Working Floor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Pit	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• Operations Equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Processing Equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Slopes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• Operations Equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Processing Equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Site Conditions			
a. Material/Waste Rock Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Erosion & Stormwater Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Man-made Structures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Weed Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Safety Hazards	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. Interim Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Inspection Items	Compliant	Non-Compliant	N/A
3. Housekeeping			
a. Container Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Spills/Leaks Observed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Hazardous Substances/POL Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. General Housekeeping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Access			
a. Road Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Berms	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Security	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Signage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Surface Water Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Quality Assurance/Quality Control			
a. Routine Site Conditions Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Air, Water, Noise, Other Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Monitoring Reporting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Regulatory Submittals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Other Agency/Entity Permits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Final Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. Exploration/Sampling Location	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Access Roads/Trails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Removal of Structures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Free of Trash	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Actions Necessary/Information

(Non-Compliance Issues to be addressed by Operator in bold)

General Comments: Topic of inspection - site security

- Need scale cert for 2019. **RESOLVED.**

Section 2

- **2.a. No visual inspection conducted of anything except the 5860 bench in Phase 2 area. When area was blasted, there was no backdrop to stop the rock. Due to the adjacent location of the drainage, some of the rock went over the backside into this area. All was cleaned up and no disturbance of the ground occurred. RESOLVED.**
- 2.b. All ponds cleaned out and check dams added to all the southern structures and features.
- 2.d. Going to deal with weeds in the spring. Too late this year.

Section 3 - Just discussed, no visual inspection conducted this time.

Section 4

- (a), (b), (e) - Just discussed, no visual inspection conducted this time.

Section 4.c., 4.d. - Focus on security measures for the entire site, to include access.

- Signage on the main access road only. For the northern access point, there is a sign on the gate stating, "No Trespassing".
- All entrance points (3) have gate closures when mine is not open. See photo below.
- Fencings consists of barbwire fence in places on eastern and northern side. 6' high chain link is located on the southern side.
- There is no guard on site.
- All people accessing the site have to check in at the scale house. This is noted on a sign along main access road.

Section 5

- 5.b. Air and noise monitoring for employees conducted at the beginning of August. No noise or dust complaints by the public.
- 5.c. See below for examples of stormwater and highwall monitoring report documentation photos.
- 5.c. 3rd party contractor is taking opacity readings at all of the transfer points. Most recent conducted on 7/2 - all compliant. See photo below.
- 5.e. MSHA inspection beginning of August. Minor, easily fixable (done before end of inspection) citations.

Final Notes

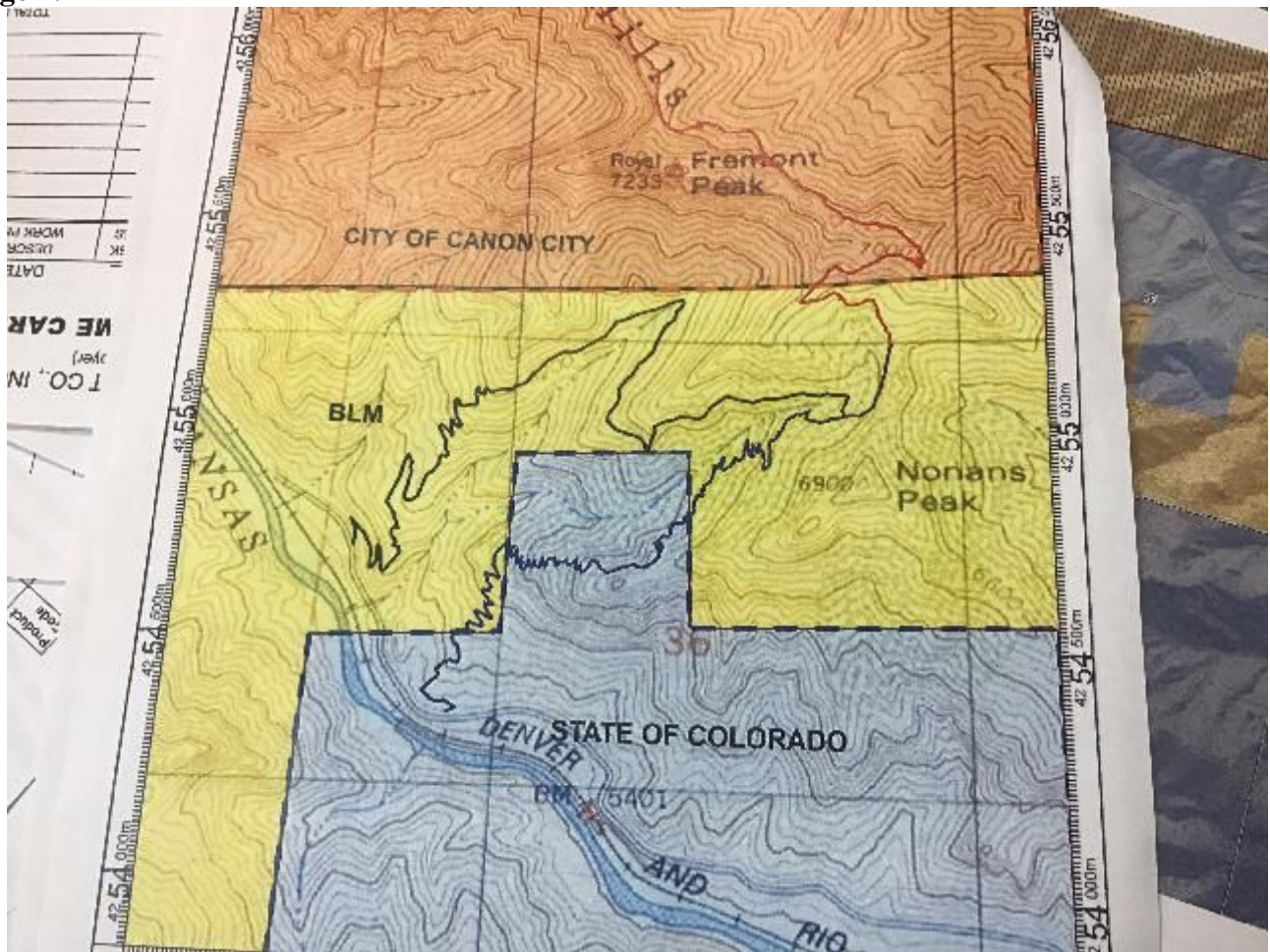
- Talked about proposed trail system providing public access into a remote area west of the quarry that hasn't been very visible in the past.

Date inspection shared with CDRMS: 3/6/2020

Date inspection shared with Operator: 3/6/2020

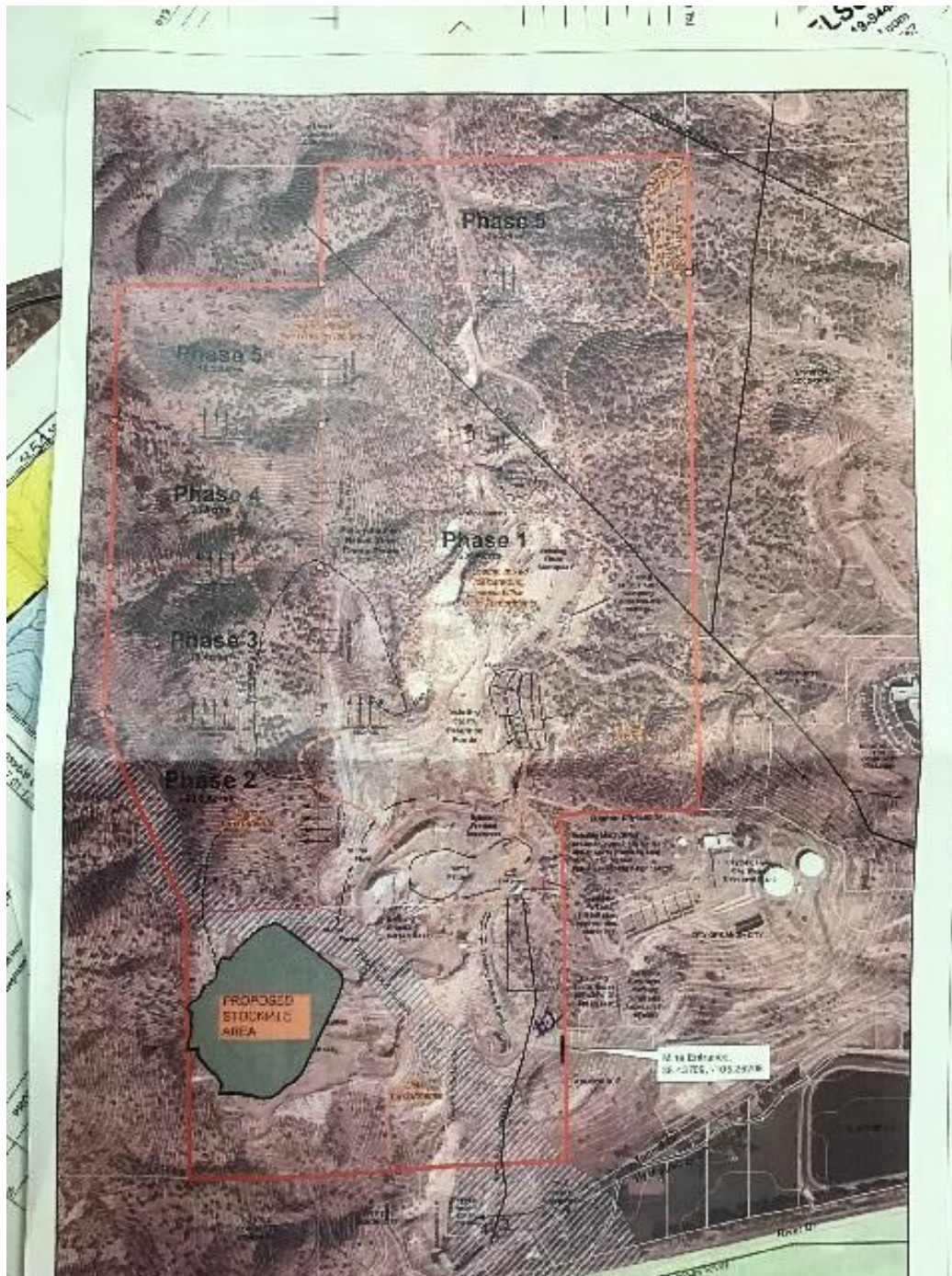
Images

Image 1:



Comment: Proposed Canon City trail 6/14/18.

Image 2:



Comment: Locations of 3 gate closures.

Images

Image 3:

Comprehensive SWMP Inspection Report

Project: The Aggregate Source Inc.
 Company: Tezak Heavy Equipment Co., Inc.
 Address: 205 Tunnel Drive
 Canon City, CO 81212

Permit No. CDG581840
 Date: 5/2/19

AREA INSPECTED	WITHIN COMPLIANCE		PROCEDURE TO BRING INTO COMPLIANCE
	Yes	No	
Vehicle Tracking Control	X		
Haul Routes/Travel Routes	X		<i>Suggest engine retrofits haul Road</i>
Active Mine Areas	X		
Processing Plant Area	X		
Product Stockpiles	X		
Settling Ponds	X		
Non-Stormwater Discharges	X		
Equipment Storage/Parking	X		
Maintenance Area	X		
Fuel Storage	X		
Other Fluids/Chemical Storage	X		
Reclamation Stockpiles	X		
Revegetated Areas	X		
Employee Parking Area	X		
Trash Receptacle (outdoor)	X		
Equipment Wash Area	X		
Perimeter Inspection	X		

INSPECTION WAS COMPLETED BY: LT

Comment: Routine monitoring documented for stormwater. Example of latest one in picture dated 8/7/19.

Image 4:

T.H.E. Aggregate Source
305 TUNNEL DRIVE
CANON CITY, COLORADO 81212
719-275-8746 719-275-8196 (Fax)

**T.H.E. AGGREGATE SOURCE
CANON CITY TUNNEL DRIVE GRANITE GNEISS
MONTHLY HIGHWALL STATUS REPORT**

Date :

AREA
Pit Floor including berm at toe of east face of main highwall and produce stockpile

NOTE THE FOLLOWING OBSERVATIONS: Yes ☒ No

Are there any signs of fresh rockfall onto road paths on the pit floor?
Loose rock on roads not attributed to load/truck spillage?
Rock lying outside berms?
Any evidence of loose or broken rock forming along toe of highwall?
Any loose/large rock identified near edge of berms along highwall?
Any cracks noted in floor or lower scoss ramps?
Any evidence of drainage pattern changes in pit floor storm path?
Any broken/loose rock removal warranted?
Any water flowing from highwall onto pit floor?

AREA
Access roads from pit floor to upper bench elevation

NOTE THE FOLLOWING OBSERVATIONS: Yes ☒ No

Any fresh rockfall noted on roads or in ditches?
Any broken rock accumulation along access roads?
Any cracks in roadway or drainage changes noted?
Any loose/large rock noted along edge of highwall benches?
Any change in high angle clay seam at north end of highwall?
Any water expressed from points along roads or highwall?

Comment: Routine monitoring documented for highwall. Example of latest one in picture dated 8/7/19. Page 1.

Images

Image 5:

AREA: *Upper highwall face, above crusher area, north-south direction*

NOTE THE FOLLOWING OBSERVATIONS:

Any fresh ruck fall on access road/tramp accessing drill elevation? ☒ Yes ☐ No

Any elevation discrepancy noted along ramp? ☐ Yes ☒ No

Any change in floor elevation across drill site? ☐ Yes ☒ No

Any crack development in floor or face rock? ☐ Yes ☒ No

Any water expressed at working face? ☐ Yes ☒ No

Any large loose ruck noted along top edge of east bench? ☐ Yes ☒ No

Any cracks or offset of highwall along N40W trend noted? ☐ Yes ☒ No

Any crack development or offset noted in working face associated with shear zones (finely broken, outdized, weathered rock)? ☐ Yes ☒ No

Any crack development or offset noted along top edge of east facing highwall as viewed from southward edge working face looking north? ☐ Yes ☒ No

Any crack development/offset noted anywhere else? ☐ Yes ☒ No

IF YES IS CHECKED FOR ANY QUESTIONS ABOVE, ATTACHED DETAILED DESCRIPTION OF CONDITION NOTED, LOCATION, AND RECOMMENDED ACTION. WHEN COMPLETED, FOLLOW ACTION DOCUMENTATION SHOULD BE ATTACHED TO THIS REPORT.

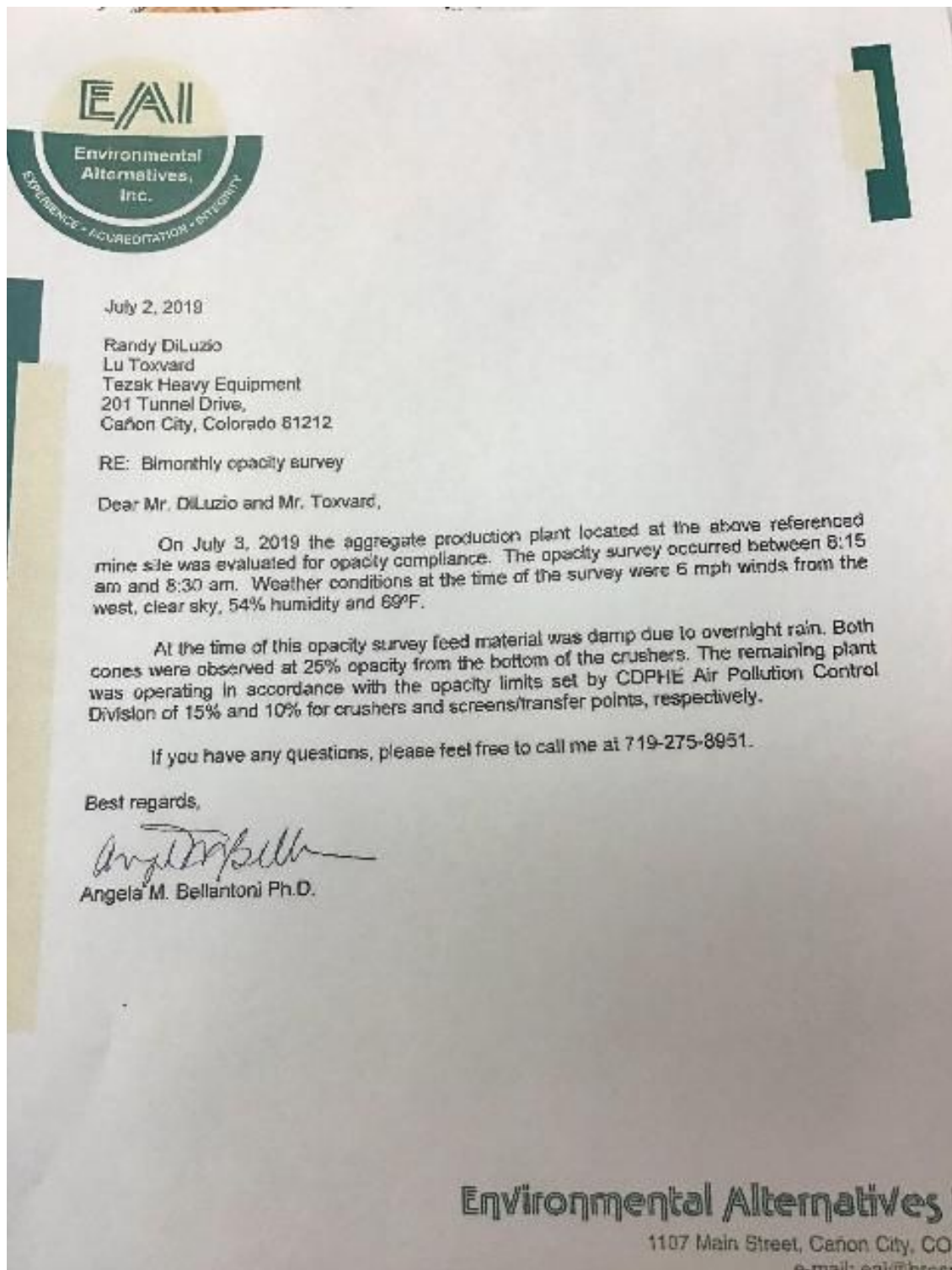
INSPECTOR: *Lu Taward*

DATE OF INSPECTION: *8/7/19*

ATTACH NOTATIONS AND FOLLOW UP DOCUMENTATION

Comment: Routine monitoring documented for highwall. Example of latest one in picture dated 8/7/19. Page 2.

Image 6:



Comment: 07/02/19 opacity readings.

Images

Image 7:



Comment: Western boundary with overburden after blast.

Image 8:



Comment: Natural drainage to west.

Images

Image 9:



Comment: Looking east on newly disturbed drainage area outside of boundary.