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Mountain Coal Company, L.L.C.

A Subsidiary of Core Natural Resources

[corenaturalresources.com](http://corenaturalresources.com)

West Elk Mine

5174 Highway 133

Somerset, CO 81434

January 29, 2025

Mr. Leigh D. Simmons  
Colorado Division of Reclamation, Mining and Safety  
Office of Mined Land Reclamation  
1313 Sherman Street, Room 215  
Denver, Colorado 80203

**Re: Mountain Coal Company, LLC, West Elk Mine; Permit No. C-1980-007;  
Quarterly Summary of Subsidence Observations; 4<sup>th</sup> Quarter 2024**

Dear Mr. Simmons:

Mountain Coal Company, LLC (MCC) began longwall mining the E-Seam in December 2008. MCC has completed longwall mining of longwall panels LWE1 through LWE8, LWE14, LWE15, LWSS1 through 4, and LWE12. MCC is currently mining in panel LWE16.

There were no stock ponds within the angle-of-draw of the mined area of LWE16 during this quarter. A portion of LWE16 was within a mile of Monument Dam, monitoring showed no movement. October and November inspections were done for Monument Dam, but winter weather and ground conditions did not permit inspections for December of this quarter. October inspections of Stock Ponds and Forest Service Roads were done, but winter weather and ground conditions did not permit inspections for November and December of this quarter. All inspections will continue when weather and ground conditions allow. Routine inspection reports for Monument Dam, Forest Service Roads, and Stock Ponds are included with this letter report.

Please don't hesitate to contact me should you have questions regarding this submittal. I can be reached by phone at (505) 699-4336.

Sincerely,

A handwritten signature in black ink that reads 'Natalie Stafford'.

Natalie Stafford  
Environmental Engineer

cc: W. Norris  
J. Wilczek

## Monument Dam Inspection Form

Date: 10/17/24

Time: 1:00p

Name of Inspector: Chase Katt

Current Panel Being Mined: LWE16.

☐ Weekly Inspection ☒ Monthly Inspection

Yes No

- ☒ ☐ Is mining within 1 mile of Monument Dam?
- ☐ ☒ Are there visible surface cracks on the dam?  
If yes, indicate length and size of crack. \_\_\_\_\_
- ☐ ☒ Is there evidence of subsided areas on or around the dam?  
If yes, indicate where and degree. \_\_\_\_\_
- ☐ ☒ Are there bulges on the dam?  
If yes, indicate where and degree. \_\_\_\_\_
- ☐ ☒ Are there signs of seeps on the dam?  
If yes, indicate where and estimated flow. \_\_\_\_\_
- ☐ ☒ Are there any other potentially damaging features on the dam?  
If yes, describe. \_\_\_\_\_
- ☐ ☒ Are there any recent evidences of slope failure on the landside south of the dam (perform visual inspection and data analysis of inclinometers)?  
If yes, describe. \_\_\_\_\_

Notes: Dam looked good at time of inspection

Signature of Inspector



*Inspections are performed under the direction of Mike Peacock, P.E.*

If cracks or other potentially damaging features occur, notify Mike Peacock or Kathy Welt immediately.

## Monument Dam Inspection Form

Date: 11/12/24

Time: 2000

Name of Inspector: Chase Thatt

Current Panel Being Mined: Lwice

☐ Weekly Inspection ☒ Monthly Inspection

Yes No

☒ ☐ Is mining within 1 mile of Monument Dam?

☐ ☒ Are there visible surface cracks on the dam?  
If yes, indicate length and size of crack. \_\_\_\_\_

☐ ☒ Is there evidence of subsided areas on or around the dam?  
If yes, indicate where and degree. \_\_\_\_\_

☐ ☒ Are there bulges on the dam?  
If yes, indicate where and degree. \_\_\_\_\_

☐ ☒ Are there signs of seeps on the dam?  
If yes, indicate where and estimated flow. \_\_\_\_\_

☐ ☒ Are there any other potentially damaging features on the dam?  
If yes, describe. \_\_\_\_\_

☐ ☒ Are there any recent evidences of slope failure on the landside south of the dam (perform visual inspection and data analysis of inclinometers)?  
If yes, describe. \_\_\_\_\_

Notes: Limited/tough visibility Because of snow

Signature of Inspector: Chase Thatt

*Inspections are performed under the direction of Mike Peacock, P.E.*

If cracks or other potentially damaging features occur, notify Mike Peacock or Kathy Welt immediately.

## Monument Dam Inspection Form

Date: 12/11/24

Time: 8:00 a

Name of Inspector: Chase Hiatt

Current Panel Being Mined: LW16

☐ Weekly Inspection ☒ Monthly Inspection

Yes No

☒ ☐ Is mining within 1 mile of Monument Dam?

☐ ☐ Are there visible surface cracks on the dam?  
If yes, indicate length and size of crack. \_\_\_\_\_

☐ ☐ Is there evidence of subsided areas on or around the dam?  
If yes, indicate where and degree. \_\_\_\_\_

☐ ☐ Are there bulges on the dam?  
If yes, indicate where and degree. \_\_\_\_\_

☐ ☐ Are there signs of seeps on the dam?  
If yes, indicate where and estimated flow. \_\_\_\_\_

☐ ☐ Are there any other potentially damaging features on the dam?  
If yes, describe. \_\_\_\_\_

☐ ☐ Are there any recent evidences of slope failure on the landside south of the dam (perform visual inspection and data analysis of inclinometers)?  
If yes, describe. \_\_\_\_\_

Notes:

NO access due to weather

Signature of Inspector: Chase Hiatt

*Inspections are performed under the direction of Mike Peacock, P.E.*

If cracks or other potentially damaging features occur, notify Mike Peacock or Kathy Welt immediately.

Stock Pond  
Inspection Form

Date: 10/17/24

Time: 1:30p

Name of Inspector: Chase Hiatt

Current Panel and XC Being Mined: LWE14

Stock Pond(s) Being Inspected: none

Yes    No

☐

Is the stock pond within twice the projected angle of draw of subsidence? If yes, which pond(s):

\_\_\_\_\_

☐☐

Are there visible surface cracks in or near the stock pond? If yes, describe (location, width, length, etc.):

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

☐☐

Is there any evidence of potential subsidence induced water loss? If yes, describe:

\_\_\_\_\_

☐☐

Is there water in the pond? If yes, describe:

\_\_\_\_\_

☐☐

Is mitigation needed? If yes, list suggestions:

\_\_\_\_\_

Notes:

Signature of Inspector:



\* If any potential subsidence induced features are observed that could cause harm to the pond, notify Jessica Wilczek immediately.

Stock Pond  
Inspection Form

Date: 11/12/24

Time: 1:00pm

Name of Inspector: Chase Thatt

Current Panel and XC Being Mined: LW14

Stock Pond(s) Being Inspected: .

Yes    No

☐☒

Is the stock pond within twice the projected angle of draw of subsidence? If yes, which pond(s):

\_\_\_\_\_

☐☐

Are there visible surface cracks in or near the stock pond? If yes, describe (location, width, length, etc.):

\_\_\_\_\_

\_\_\_\_\_

☐☐

Is there any evidence of potential subsidence induced water loss? If yes, describe:

\_\_\_\_\_

☐☐

Is there water in the pond? If yes, describe:

\_\_\_\_\_

☐☐

Is mitigation needed? If yes, list suggestions:

\_\_\_\_\_

Notes:

No Assess due to weather

Signature of Inspector: \_\_\_\_\_

*Chase Thatt*

\* If any potential subsidence induced features are observed that could cause harm to the pond, notify Jessica Wilczek immediately.

Stock Pond  
Inspection Form

Date: 12/11/24

Time: 8:00a

Name of Inspector: Chase Liatt

Current Panel and XC Being Mined: LW16

Stock Pond(s) Being Inspected:

Yes    No

☐

Is the stock pond within twice the projected angle of draw of subsidence? If yes, which pond(s):

\_\_\_\_\_

☐☐

Are there visible surface cracks in or near the stock pond? If yes, describe (location, width, length, etc.):

\_\_\_\_\_

\_\_\_\_\_

☐☐

Is there any evidence of potential subsidence induced water loss? If yes, describe:

\_\_\_\_\_

☐☐

Is there water in the pond? If yes, describe:

\_\_\_\_\_

☐☐

Is mitigation needed? If yes, list suggestions:

\_\_\_\_\_

Notes:

No access due to weather

Signature of Inspector: \_\_\_\_\_

Chase Liatt

\* If any potential subsidence induced features are observed that could cause harm to the pond, notify Jessica Wilczek immediately.

**Forest Service Roads**  
**Inspection Form**

Date:

Time:

Name of Inspector:

Current Panel and XC Being Mined:

Road(s) Being Inspected: *Dry Fork Road*

Yes    No

☒ ☐ Is the Forest Service road within the projected angle of draw of subsidence? If yes, which road(s):

*Dry Fork Road*

☐ ☒ Are there visible surface cracks on the road? If yes, describe (location, width, length, etc.):

☐ ☒ Is there any recent evidence of potential subsidence induced slope failure? If yes, describe:

☐ ☒ Are there any other potentially damaging, subsidence induced features on or near the road? If yes, describe:

☐ ☒ Is mitigation needed? If yes, list suggestions:

Notes: *Road looked good at time of inspection*

Signature of Inspector: *Chase Keith*

\* If any potential subsidence induced features are observed that could cause harm to the public or operations, notify Jessica Wilczek immediately.



Forest Service Roads  
Inspection Form

Date: 11/12/24

Time: 12:00

Name of Inspector: Chase Hatt

Current Panel and XC Being Mined: LW16

Road(s) Being Inspected:

Yes    No

☐ ☒ Is the Forest Service road within the projected angle of draw of subsidence? If yes, which road(s):

☐ ☐ Are there visible surface cracks on the road? If yes, describe (location, width, length, etc.):

☐ ☐ Is there any recent evidence of potential subsidence induced slope failure? If yes, describe:

☐ ☐ Are there any other potentially damaging, subsidence induced features on or near the road? If yes, describe:

☐ ☐ Is mitigation needed? If yes, list suggestions:

Notes:

No Access due to weather

Signature of Inspector:

*Chase Hatt*

\* If any potential subsidence induced features are observed that could cause harm to the public or operations, notify Jessica Wilczek immediately.

Forest Service Roads  
Inspection Form

Date: 12/11/24

Time: 8:00a

Name of Inspector: Chase Hiatt

Current Panel and XC Being Mined: Lwila

Road(s) Being Inspected:

Yes    No

☒    ☐ Is the Forest Service road within the projected angle of draw of subsidence? If yes, which road(s):

☐    ☐ Are there visible surface cracks on the road? If yes, describe (location, width, length, etc.):

☐    ☐ Is there any recent evidence of potential subsidence induced slope failure? If yes, describe:

☐    ☐ Are there any other potentially damaging, subsidence induced features on or near the road? If yes, describe:

☐    ☐ Is mitigation needed? If yes, list suggestions:

Notes:

NO access due to weather

Signature of Inspector:



\* If any potential subsidence induced features are observed that could cause harm to the public or operations, notify Jessica Wilczek immediately.