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Natalie Stafford

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Mountain Coal Company, L.L.C.

A Subsidiary of Core Natural Resources

corenaturalresources.com

West Elk Mine

5174 Highway 133

Somerset, CO 81434

April 18th, 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; 1st Quarter 2025**

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. Winter weather and ground conditions did not permit inspections for January through March of this quarter. Although inspections of Monument Dam were unable to be completed, digital monitoring for subsidence shows no concerns. 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
B. Munz

Monument Dam Inspection Form

Date: 1/22/25

Time: 09:12

Name of Inspector: Natalie Stafford

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 | Survey numbers look good.

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: 2/26/25

Time: 0829

Name of Inspector: Natalie Stafford

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:



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: 3/25/25
Time: 1040
Name of Inspector: Natalie Stafford
Current Panel Being Mined: LV16
☐ Weekly Inspection ☐ Monthly Inspection

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is mining within 1 mile of Monument Dam?
<input type="checkbox"/>	<input type="checkbox"/>	Are there visible surface cracks on the dam? If yes, indicate length and size of crack. _____
<input type="checkbox"/>	<input type="checkbox"/>	Is there evidence of subsided areas on or around the dam? If yes, indicate where and degree. _____
<input type="checkbox"/>	<input type="checkbox"/>	Are there bulges on the dam? If yes, indicate where and degree. _____
<input type="checkbox"/>	<input type="checkbox"/>	Are there signs of seeps on the dam? If yes, indicate where and estimated flow. _____
<input type="checkbox"/>	<input type="checkbox"/>	Are there any other potentially damaging features on the dam? If yes, describe. _____
<input type="checkbox"/>	<input type="checkbox"/>	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: Natalie Stafford

Inspections are performed under the direction of Jessica Wilczek, P.E.

If cracks or other potentially damaging features occur, notify Jessica Wilczek immediately.

Stock Pond
Inspection Form

Date: 11/22/25

Time: 09:11

Name of Inspector: Natalie Stafford

Current Panel and XC Being Mined: LW16

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:

no access due to weather

Signature of Inspector: Natalie Stafford

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

Stock Pond
Inspection Form

Date: 2/26/25

Time: 0829

Name of Inspector: Natalie Stafford

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: Natalie Stafford

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

Stock Pond
Inspection Form

Date: 3/25/25

Time: 1010

Name of Inspector: Natalie Stafford

Current Panel and XC Being Mined: Lw10

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:

Natalie Stafford

* If any potential subsidence induced features are observed that could cause harm to the pond, notify Mike Peacock or Kathy Welt immediately.

Forest Service Roads
Inspection Form

Date: 1/22/25

Time: 09:12

Name of Inspector: Natalie Stafford

Current Panel and XC Being Mined: LW10

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: Natalie Stafford

* 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: 2/26/25

Time: 0829

Name of Inspector: Natalie Stafford

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:

Natalie Stafford

* 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: 3/25/25
Time: 10:10
Name of Inspector: Natalie Stafford
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: Natalie Stafford

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