

Forest Service Roads
Inspection Form

Date: 10/30/2020

Time: 12:00

Name of Inspector: Robert Munz

Current Panel and XC Being Mined: LW SSI 17-18XC in SSI HG.

Road(s) Being Inspected: Dry Fork and Deer Creek.

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:

Signature of Inspector:



* If any potential subsidence induced features are observed that could cause harm to the public or operations, notify John Poulos or Kathy Welt immediately.

Forest Service Roads
Inspection Form

Date: 11/24/20

Time: 12:00

Name of Inspector: Robert Munz

Current Panel and XC Being Mined: LWSS1 Approx 17 XC in SSI HG

Road(s) Being Inspected: Dry Fork

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: Roads partially covered in snow.

Signature of Inspector: _____

Robert Munz

* If any potential subsidence induced features are observed that could cause harm to the public or operations, notify John Poulos or Kathy Welt immediately.

Forest Service Roads
Inspection Form

Date: 12/22/20

Time:

Name of Inspector: Robert Munz

Current Panel and XC Being Mined: LW 551

Road(s) Being Inspected: Dry Fork and Deer Creek

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:

Inspection unable to be completed due to snow cover.

Signature of Inspector: Robert Munz

* If any potential subsidence induced features are observed that could cause harm to the public or operations, notify John Poulos or Kathy Welt immediately.

Monument Dam Inspection Form

Date: 10/30/2020

Time: 12:15 PM

Name of Inspector: Robert Munz

Current Panel Being Mined: LW 551

☐ 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:

Signature of Inspector: Robert Munz

Inspections are performed under the direction of John Poulos, P.E.

If cracks or other potentially damaging features occur, notify John Poulos or Kathy Welt immediately.

Monument Dam Inspection Form

Date: 11/24/20

Time: 12:30 PM

Name of Inspector: Robert Munz

Current Panel Being Mined: LWS1

☐ 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: Minor snow accumulation on roads.

Signature of Inspector: Robert Munz

Inspections are performed under the direction of John Poulos, P.E.

If cracks or other potentially damaging features occur, notify John Poulos or Kathy Welt immediately.

Monument Dam Inspection Form

Date: 12/22/20

Time:

Name of Inspector: Robert Munz

Current Panel Being Mined: LW 551

☐ 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: Unable to complete inspection due to snow cover.

Signature of Inspector: Robert Munz

Inspections are performed under the direction of John Poulos, P.E.

If cracks or other potentially damaging features occur, notify John Poulos or Kathy Welt immediately.

Stock Pond
Inspection Form

Date: 10/30/2020

Time: 11:30 AM

Name of Inspector: Robert Manz

Current Panel and XC Being Mined: LW SSL 17-18 XL in SSL HG.

Stock Pond(s) Being Inspected: DF 35

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:

Small Puddle

☐ ☒ 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 John Poulos or Kathy Welt immediately.

Stock Pond
Inspection Form

Date: 11/24/20

Time: 13:30

Name of Inspector: Robert Munz

Current Panel and XC Being Mined: LWSS1 Approx. 17 xc in SS1 H6.

Stock Pond(s) Being Inspected: DF 35

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:

unable to inspect for above subsidence features due to snow cover.

Signature of Inspector: *Robert Munz*

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

Stock Pond
Inspection Form

Date: 12/22/20

Time:

Name of Inspector: Robert Munz

Current Panel and XC Being Mined: LWSS1 Approx. 16 xc in SSI HG

Stock Pond(s) Being Inspected: DF 35

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: Inspection unable to be completed due to snow cover.

Signature of Inspector: RA R. J. J.

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