

December 10, 2021

Richard Mittasch Grand Island Resources LLC P.O. Box 3395 4415 Caribou Rd Nederland, CO 80466

RE: Cross Gold Mine, Permit No. M-1977-410, Notice of Citizen Complaints Received

Mr. Mittasch:

The Division of Reclamation, Mining and Safety (Division) has received the following complaints against the above referenced operation (complaints sent to you on November 22 and 30, 2021 and December 3 and 7, 2021 are differentiated with gray text):

- 1) Complaint from Anonymous, received on November 21, 2021.
- 2) Complaint from Cody Newman, received on November 21, 2021.
- 3) Complaint from Julia German, received on November 25, 2021.
- 4) Complaint from Anonymous, received on November 28, 2021.
- 5) Complaint from Anonymous, received on November 28, 2021.
- 6) Complaint from Natalie Longhini, received on November 28, 2021.
- 7) Complaint from Anonymous, received on November 29, 2021.
- 8) Complaint from Lisa McCoy, received on November 29, 2021.
- 9) Complaint from Deborah Seigel, received on November 29, 2021.
- 10) Complaint from Anonymous, received on November 30, 2021.
- 11) Complaint from Amanda Kneer, received on December 1, 2021.
- 12) Complaint from Lauren Trojan, received on December 2, 2021.
- 13) Complaint from Anonymous, received on December 2, 2021.
- 14) Complaint from Anonymous, received on December 2, 2021.
- 15) Complaint from Carole Buhlman, received on December 4, 2021.
- 16) Complaint from Anonymous, received on December 5, 2021.
- 17) Complaint from Douglas DeVoto, received on December 5, 2021.
- 18) Complaint from Janet Davis, received on December 5, 2021.
- 19) Complaint from Whitney Yeldell, received on December 5, 2021.
- 20) Complaint from Anonymous, received on December 6, 2021.
- 21) Complaint from Anonymous, received on December 6, 2021.
- 22) Complaint from Anonymous, received on December 6, 2021.
- 23) Complaint from Anonymous, received on December 6, 2021.
- 24) Complaint from Anonymous, received on December 6, 2021.





December 10, 2021 Richard Mittasch Grand Island Resources LLC Page **2** of **2**

- 25) Complaint from Anonymous, received on December 6, 2021.
- 26) Complaint from Anonymous, received on December 6, 2021.
- 27) Complaint from Anonymous, received on December 7, 2021.
- 28) Complaint from Anonymous, received on December 7, 2021.
- 29) Complaint from Anonymous, received on December 8, 2021.
- 30) Complaint from Anonymous, received on December 8, 2021.
- 31) Complaint from Diane MacDonald, received on December 8, 2021.
- 32) Complaint from Edward Harrison, received on December 8, 2021.
- 33) Complaint from Patricia Dowd, received on December 8, 2021.
- 34) Complaint from Sarah Rosenblum, received on December 8, 2021.
- 35) Complaint from Anonymous, received on December 9, 2021.
- 36) Complaint from Kristen Nielson, received on December 9, 2021.

Copies of the additional complaint letters received are enclosed for your records. <u>Please respond to the</u> issues raised in these letters no later than **December 22**, **2021**. This response may be submitted via email.

The Division is reviewing the permit and will contact you if an inspection is warranted.

If you have any questions, you may contact me by telephone at 303-866-3567, ext. 8129, or by email at <u>amy.eschberger@state.co.us</u>.

Sincerely,

any Erchluger

Amy Eschberger Environmental Protection Specialist

- Encls: Complaint from Anonymous, received on December 7, 2021
 Complaint from Anonymous, received on December 7, 2021
 Complaint from Anonymous, received on December 8, 2021
 Complaint from Diane MacDonald, received on December 8, 2021
 Complaint from Edward Harrison, received on December 8, 2021
 Complaint from Patricia Dowd, received on December 8, 2021
 Complaint from Sarah Rosenblum, received on December 8, 2021
 Complaint from Kristen Nielson, received on December 9, 2021
- Cc: Daniel Pollock, Grand Island Resources LLC Michael Cunningham, DRMS



COLORADO Division of Reclamation, Mining and Safety Department of Natural Resources

By Submitting this form you are requesting an investigation of compliance with DRMS rules.

DRMS Internal Information

Select Permit Type * Minerals Permit No List * M1977410 **Date of Complaint** 12/07/2021 **COMPLAINANT INFORMATION** *Indicates a Required Field Do you wish to remain anonymous? * • Yes 🔿 No Connection to Incident * Select all that apply Land Owner Mineral Owner Nearby Resident Observed Incident Other **DESCRIPTION OF COMPLAINT** (~) (Please be as specific as possible)

Note: Please provide as much detail related to location and issue as possible. Without enough detail, DRMS will not be able to process or investigate the complaint and, therefore, DRMS will have no choice but to discard the complaint.

Location of Concern *

Please provide as much detail as possible. It is important to narrow down the location. If available, please include Township, Range and Section, physical address, or GPS location. You may also upload a pdf map below.

Location: Caribou and Cross Mines, Nederland CO.

Incident County *

Boulder County

Is this an ongoing issue(s)?

• Yes 🔿 No

Nature of Complaint *

Select all that apply

- ✓ Illegal Mining
- ☑ Ground Water / Water Well Impact
- ☑ Surface Water Impact / Stormwater Management
- ☑ Mine Plan Compliance
- Signs and Markers
- Financial Warranty
- Processing Waste / Tailings
- Fish / Wildlife
- Off-Site Damage
- Explosives / Blasting
- Revegetation
- Reclamation Plan Compliance

- Dust
- □ Acid or Toxic Materials/Spills
- Property Damage
- □ Waste Management / Dumping
- Overburden / Development Waste
- Backfilling and Grading
- Processing Facilities
- Erosion / Sedimentation
- Roads
- Topsoil
- Weeds
- Other

Detailed description of the issue(s) * (?)

Please provide as much detail as possible. It is important to narrow down the issue(s).

There is an ongoing permit application that has been essentially modified since the public comment period closed. Violations have been reported since that time and the proposal itself has been fundamentally altered. Therefore we request that the application be reopened for public comment.

The mine's discharge feeds into the drinking water for Boulder County residents, and flows through a community reliant on the water for drinking, agriculture and wildlife.

Discharge reports have shown heavy metal discharge into the waterway above legal limits set for in their NPDES discharge permit. Daily sanctions have not been imposed, and should be, and further operations should be prohibited until it has been confirmed that ongoing discharge has ceased, and the risk to public health and safety abated. The expansion requests from this mine should not be considered or granted until such time as their current operations are lawful and the expansion is assured to pose no further risk. Name of Operator: Caribou and Cross Mines, Grand Island Resources, LLC

Continuing to allow Caribou and Cross Mines to dump illegal amounts of toxic heavy metals is a huge risk to drinking water, wildlife and the community that relies on that creek. Please note that the EPA shows that: People that consume high levels of heavy metals risk acute and chronic toxicity, liver, kidney, and intestinal damage, anemia, and cancer. Drinking water with radionuclides can cause toxic kidney effects and increase the risk of cancer. There are children, adults and animals who all live in that area and use that water. At the very least, they should be carefully monitored and operations should be ceased until we know they are operating safely. Thank you!

Have you contacted the operator or party conducting the operation? If yes, please provide details. *

🔾 Yes 💿 No

If known, please provide the name of the operator or party conducting the operation.

Caribou and Cross Mines, Grand Island Resources, LLC

If known, please provide the Permit or NOI Number (ie M-1970-111 or P-1970-111).

Must be entered in the following format: M1970111 or P1970111 (No dashes allowed) M1977410

Have you contacted any other agencies or local governments related to this issue or issues? If so, please provide details. *

🔾 Yes 💿 No

ADDITIONAL INFORMATION

Are there supporting photos, maps, or documents you wish to upload? *

🔾 Yes 💿 No

What is your preferred method for DRMS to communicate with you throughout the investigation? m *

Select all that apply

Phone Z E-mail US Mail



COLORADO Division of Reclamation, Mining and Safety Department of Natural Resources

By Submitting this form you are requesting an investigation of compliance with DRMS rules.

DRMS Internal Information

DESCRIPTION OF COMPLAINT (Please be as specific as possible)		\bigcirc
		0
Other		
☑ Nearby Resident	Observed Incident	
Land Owner	Mineral Owner	
Select all that apply		
Connection to Incident *		
● Yes ○ No		
Do you wish to remain anonymous? *		
*Indicates a Required Field		
COMPLAINANT INFORMATION		\bigcirc
12/07/2021		
Date of Complaint		
M1977410		
Permit No List *		
Minerals		
Select Permit Type <mark>*</mark>		

Note: Please provide as much detail related to location and issue as possible. Without enough detail, DRMS will not be able to process or investigate the complaint and, therefore, DRMS will have no choice but to discard the complaint.

Location of Concern *

Please provide as much detail as possible. It is important to narrow down the location. If available, please include Township, Range and Section, physical address, or GPS location. You may also upload a pdf map below.

We run 2 businesses in Nederland. We are not currently worried about our water, since it is from a different watershed. We are concerned about the contamination in the water and the impact of residents that are in the same watershed.

I have lived in the Peak to Peak community for well over 30 years. I have lived in Cardinal and I know how complicated the water testing is. And I know Cardinal always passed. I know Alexandra Armitage is a good steward of the land. As well as Boulder County Parks & Open Space.

I know Tom Hendricks was a good steward of the land and took care to make sure his water tested in compliance with the mining requirements.

I am concerned about the amount of heavy equipment and work going on underground at the mine at the top of Caribou. I believe the mine should stop all work, until the entire site is surveyed, all water sources are explored and tested and the work going on underground is permitted properly.

Please talk to people that have been fired or quit their jobs with Grand Island Resources. There is a LOT of information out there that is not being explored or shared.

The concerns of the residents in the valley below should be addressed in full, before the mine is allowed to resume operation.

Please protect our residents and everyone that lives downstream from the Cross/Caribou Mine.

Incident County *

Boulder County

Is this an ongoing issue(s)?

🔾 Yes 💿 No

Nature of Complaint *

Select all that apply

- Illegal Mining
- Ground Water / Water Well Impact
- Surface Water Impact / Stormwater Management
- Mine Plan Compliance
- Signs and Markers
- Financial Warranty
- Processing Waste / Tailings
- Fish / Wildlife
- Off-Site Damage
- Explosives / Blasting
- Revegetation
- Reclamation Plan Compliance

- Dust
- Acid or Toxic Materials/Spills
- Property Damage
- Waste Management / Dumping
- Overburden / Development Waste
- Backfilling and Grading
- Processing Facilities
- Erosion / Sedimentation
- Roads
- Topsoil
- Weeds

 \boxdot Other Junk vehicles and more stored on the land near water sources that flow downhill.

Detailed description of the issue(s) * (?)

Please provide as much detail as possible. It is important to narrow down the issue(s).

Concern from local residents about the water contamination, as well as illegal operations happening underground in the mines. The permits have not been approved, but work is happening (according to people that have been fired or quit).

Have you contacted the operator or party conducting the operation? If yes, please provide details. *

🔾 Yes 💿 No

If known, please provide the name of the operator or party conducting the operation.

Grand Island Resources

If known, please provide the Permit or NOI Number (ie M-1970-111 or P-1970-111).

Must be entered in the following format: M1970111 or P1970111 (No dashes allowed)

Have you contacted any other agencies or local governments related to this issue or issues? If so, please provide details. *

A

🔾 Yes 💿 No

ADDITIONAL INFORMATION

Are there supporting photos, maps, or documents you wish to upload?*

🔾 Yes 💿 No

What is your preferred method for DRMS to communicate with you throughout the investigation? * Select all that apply

🗌 Phone 🗹 E-mail 🗌 US Mail



COLORADO Division of Reclamation, Mining and Safety Department of Natural Resources

By Submitting this form you are requesting an investigation of compliance with DRMS rules.

DRMS Internal Information

Select Permit Type *		
Minerals		
Permit No List *		
M1977410		
Date of Complaint		
12/08/2021		
COMPLAINANT INFORMATION		\bigcirc
*Indicates a Required Field		
Do you wish to remain anonymous? *		
● Yes ○ No		
Connection to Incident *		
Select all that apply		
✓ Land Owner	Mineral Owner	
Nearby Resident	Observed Incident	
Other		
DESCRIPTION OF COMPLAINT (Please be as specific as possible)		\bigcirc

Note: Please provide as much detail related to location and issue as possible. Without enough detail, DRMS will not be able to process or investigate the complaint and, therefore, DRMS will have no choice but to discard the complaint.

Location of Concern *

Please provide as much detail as possible. It is important to narrow down the location. If available, please include Township, Range and Section, physical address, or GPS location. You may also upload a pdf map below.

Caribou and Cross Mines Nederland, Co

Incident County *

Boulder County

Is this an ongoing issue(s)?

• Yes 🔿 No

Nature of Complaint *

Select all that apply

- ✓ Illegal Mining
- ☑ Ground Water / Water Well Impact
- ☑ Surface Water Impact / Stormwater Management
- ☑ Mine Plan Compliance
- Signs and Markers
- Financial Warranty
- Processing Waste / Tailings
- Fish / Wildlife
- Off-Site Damage
- Explosives / Blasting
- Revegetation
- Reclamation Plan Compliance

- Dust
- Acid or Toxic Materials/Spills
- Property Damage
- □ Waste Management / Dumping
- Overburden / Development Waste
- Backfilling and Grading
- Processing Facilities
- Erosion / Sedimentation
- Roads
- Topsoil
- Weeds
- Other

Detailed description of the issue(s) * (?)

Please provide as much detail as possible. It is important to narrow down the issue(s).

There is an ongoing permit application that has been essentially modified since the public comment period closed. Violations have been reported since that time and the proposal itself has been fundamentally altered. Therefore we request that the application be reopened for public comment. The mine's discharge feeds into the drinking water for Boulder County residents, and flows through the property of hundreds of residents relying on well water for their homes. Several years of discharge reports have shown heavy metal discharge into the waterway. Daily sanctions have not been imposed, and should be, and further operations should be prohibited until it has been confirmed that ongoing discharge has ceased, and the risk to public health and safety abated. The expansion requests from this mine should not be considered or granted until such time as their current operations are lawful and the expansion is assured to pose no further risk. Name of Operator: Caribou and Cross Mines, Grand Island Resources, LLC Permit Number: M1977410

Have you contacted the operator or party conducting the operation? If yes, please provide details. *

🔾 Yes 💿 No

If known, please provide the name of the operator or party conducting the operation.

Caribou and Cross Mines

If known, please provide the Permit or NOI Number (ie M-1970-111 or P-1970-111).

Must be entered in the following format: M1970111 or P1970111 (No dashes allowed) M1977410 $\,$

Have you contacted any other agencies or local governments related to this issue or issues? If so, please provide details. *

🔾 Yes 💿 No

ADDITIONAL INFORMATION

Are there supporting photos, maps, or documents you wish to upload? *

🔾 Yes 💿 No

What is your preferred method for DRMS to communicate with you throughout the investigation?*

Select all that apply

🗌 Phone 🗹 E-mail 🗌 US Mail





COLORADO Division of Reclamation, Mining and Safety Department of Natural Resources

By Submitting this form you are requesting an investigation of compliance with DRMS rules.

DRMS Internal Information

Select Permit Type * Minerals Permit No List * M1977410 **Date of Complaint** 12/08/2021 **COMPLAINANT INFORMATION** *Indicates a Required Field Do you wish to remain anonymous? * • Yes 🔿 No Connection to Incident * Select all that apply Land Owner Mineral Owner Nearby Resident Observed Incident Other **DESCRIPTION OF COMPLAINT** (~) (Please be as specific as possible)

Note: Please provide as much detail related to location and issue as possible. Without enough detail, DRMS will not be able to process or investigate the complaint and, therefore, DRMS will have no choice but to discard the complaint.

Location of Concern *

Please provide as much detail as possible. It is important to narrow down the location. If available, please include Township, Range and Section, physical address, or GPS location. You may also upload a pdf map below.

Cross and Caribou Mines

Incident County *

Boulder County

Is this an ongoing issue(s)?

• Yes 🔿 No

Nature of Complaint *

Select all that apply

- Illegal Mining
- ☑ Ground Water / Water Well Impact
- Surface Water Impact / Stormwater Management
- Mine Plan Compliance
- Signs and Markers
- Financial Warranty
- Processing Waste / Tailings
- Fish / Wildlife
- Off-Site Damage
- Explosives / Blasting
- Revegetation
- Reclamation Plan Compliance

- Dust
- ☑ Acid or Toxic Materials/Spills
- Property Damage
- Waste Management / Dumping
- Overburden / Development Waste

~

- Backfilling and Grading
- Processing Facilities
- Erosion / Sedimentation
- Roads
- Topsoil
- Weeds
- Other

Detailed description of the issue(s) * (?)

Please provide as much detail as possible. It is important to narrow down the issue(s).

Grand Island Resources, LLC are the new owners of Cross and Caribou Mine. They were served a cease and desist for polluting Boulder County's headwaters with illegal amounts of toxic minerals. They are in clear violation of the Clean Water Act. They are in violation of their existing permit and yet they have now applied for an additional permit to expand their illegal operations. Please protect Boulder's water supply, and deny the permit, and conduct a thorough investigation into their current permit usage.

Have you contacted the operator or party conducting the operation? If yes, please provide details. *

🔾 Yes 💿 No

If known, please provide the name of the operator or party conducting the operation.

Grand Island Resources

If known, please provide the Permit or NOI Number (ie M-1970-111 or P-1970-111).

Must be entered in the following format: M1970111 or P1970111 (No dashes allowed)

M1977410

Have you contacted any other agencies or local governments related to this issue or issues? If so, please provide details. *

🔾 Yes 💿 No

ADDITIONAL INFORMATION

Are there supporting photos, maps, or documents you wish to upload? *

🔾 Yes 💿 No

What is your preferred method for DRMS to communicate with you throughout the investigation?*

Select all that apply

Phone Z E-mail US Mail



COLORADO Division of Reclamation, Mining and Safety

Department of Natural Resources

By Submitting this form you are requesting an investigation of compliance with DRMS rules.

COMPLAINANT INFORMATION

Date of Complaint

12/08/2021

*Indicates a Required Field

Do you wish to remain anonymous? *

🔾 Yes 💿 No

Your First Name *

Diane

Your Last Name *

MacDonald

Your Address * 6611 Lakeview Drive

Your City * Boulder

Your State

Your Zip Code * Maximum of 10 digits. (Example) 80202 80303

Email Address *

Enter a valid email address in this field to receive a confirmation e-mail and copy of your Complaint form. dianemacdonald@mac.com

Your Phone Number *

Used only to follow up. Please enter phone number in this format: (Example) 123-456-7890 303-444-2225

Alternate Phone Number

Used only to follow up. Please enter phone number in this format: (Example) 123-456-7890

Connection to Incident *

Select all that apply

- Land Owner
- Nearby Resident
- Other

Mineral Owner

Observed Incident

DESCRIPTION OF COMPLAINT

(Please be as specific as possible)

Note: Please provide as much detail related to location and issue as possible. Without enough detail, DRMS will not be able to process or investigate the complaint and, therefore, DRMS will have no choice but to discard the complaint.

Location of Concern *

Please provide as much detail as possible. It is important to narrow down the location. If available, please include Township, Range and Section, physical address, or GPS location. You may also upload a pdf map below.

I owned a home on Beaver Creek Drive in Nederland Colorado for several years in the early 2000's. My property was bisected by the creek running down from the Caribou Cross Mine. My animals and I spent much time at the creek and the small pond on the property. I am appalled that that creek was and is being polluted by the mine. I currently live in Boulder and drink the water which flows down Boulder Canyon and is also being polluted by the heavy metals flowing from the mine.

Incident County *

Boulder County

Is this an ongoing issue(s)?

Yes O No

Nature of Complaint *

Select all that apply

- Illegal Mining
- Ground Water / Water Well Impact
- Surface Water Impact / Stormwater Management
- Mine Plan Compliance
- Signs and Markers
- Financial Warranty
- Processing Waste / Tailings
- 🗌 Fish / Wildlife
- Off-Site Damage
- Explosives / Blasting
- Revegetation
- Reclamation Plan Compliance

- Dust
- ☑ Acid or Toxic Materials/Spills
- Property Damage
- Waste Management / Dumping
- Overburden / Development Waste
- Backfilling and Grading
- Processing Facilities
- Erosion / Sedimentation
- Roads
- Topsoil
- Weeds
- Other

Detailed description of the issue(s) * (?)

Please provide as much detail as possible. It is important to narrow down the issue(s).

Please do not permit any expansion of the mining activities at the Caribou Cross Mine until all clean water concerns have been addressed.

Have you contacted the operator or party conducting the operation? If yes, please provide details. *

🔾 Yes 💿 No

If known, please provide the name of the operator or party conducting the operation.

Caribou Cross Mine

If known, please provide the Permit or NOI Number (ie M1970111 or P1970111).

Must be entered in the following format: M1970111 or P1970111 (No dashes allowed)

Have you contacted any other agencies or local governments related to this issue or issues? If so, please provide details. *

🔾 Yes 💿 No

ADDITIONAL INFORMATION

 Are there supporting photos, maps, or documents you wish to upload? *

 Yes ● No

 What is your preferred method for DRMS to communicate with you throughout the investigation? *

 Select all that apply

 Phone ✓ E-mail
 US Mail



COLORADO Division of Reclamation, Mining and Safety

Department of Natural Resources

By Submitting this form you are requesting an investigation of compliance with DRMS rules.

COMPLAINANT INFORMATION

Date of Complaint

12/08/2021

*Indicates a Required Field

Do you wish to remain anonymous? *

🔾 Yes 💿 No

Your First Name *

Edward

Your Last Name *

Harrison

Your Address *

PO Box 1270

Your City *

Your State

Your Zip Code * Maximum of 10 digits. (Example) 80202

80466

Email Address *

Enter a valid email address in this field to receive a confirmation e-mail and copy of your Complaint form. SCOTTHARRISON1@GMAIL.COM

Your Phone Number *

Used only to follow up. Please enter phone number in this format: (Example) 123-456-7890 303-304-0434

Alternate Phone Number

Used only to follow up. Please enter phone number in this format: (Example) 123-456-7890 303-258-9246

Connection to Incident *

Select all that apply

- ✓ Land Owner
- Nearby Resident
- Other

Mineral Owner

Observed Incident

DESCRIPTION OF COMPLAINT

(Please be as specific as possible)

Note: Please provide as much detail related to location and issue as possible. Without enough detail, DRMS will not be able to process or investigate the complaint and, therefore, DRMS will have no choice but to discard the complaint.

Location of Concern *

Please provide as much detail as possible. It is important to narrow down the location. If available, please include Township, Range and Section, physical address, or GPS location. You may also upload a pdf map below.

Caribou and Cross Mines

Incident County *

Boulder County

Is this an ongoing issue(s)?

• Yes 🔿 No

Nature of Complaint *

Select all that apply

- ✓ Illegal Mining
- Ground Water / Water Well Impact
- Surface Water Impact / Stormwater Management

✓ Mine Plan Compliance

- Signs and Markers
- Financial Warranty
- ✓ Processing Waste / Tailings
- Fish / Wildlife
- ✓ Off-Site Damage
- Explosives / Blasting
- Revegetation
- Reclamation Plan Compliance

- Dust
- Acid or Toxic Materials/Spills
- Property Damage
- ✓ Waste Management / Dumping
- Overburden / Development Waste
- Backfilling and Grading
- Processing Facilities
- Erosion / Sedimentation
- Roads
- Topsoil
- Weeds
- Other

Detailed description of the issue(s) * (?)

Please provide as much detail as possible. It is important to narrow down the issue(s).

i am worried about the heavy minerals in the water downstream which we use for drinking through our well. I believe there is and has been a surface water severe impact and that the waste being processed is inadequate. I am requesting that the permit application from the Caribou and Cross mines be resubmitted for comment. The fact that there have been months if not years of illegal discharges is of course of concern.

Finally, the expansion requests for these mines should not be considered much less approved unil their current operations are lawful and the expansion will cause no further risk. That is common sense.

Have you contacted the operator or party conducting the operation? If yes, please provide details. *

🔾 Yes 💿 No

If known, please provide the name of the operator or party conducting the operation.

Caribou and Cross Mines, Grand Island Resources, LLC

If known, please provide the Permit or NOI Number (ie M1970111 or P1970111).

Must be entered in the following format: M1970111 or P1970111 (No dashes allowed) M1977410

Have you contacted any other agencies or local governments related to this issue or issues? If so, please provide details. *

🔾 Yes 💿 No

ADDITIONAL INFORMATION

Are there supporting photos, maps, or documents you wish to upload? *

🔾 Yes 💿 No

What is your preferred method for DRMS to communicate with you throughout the investigation? m *

Select all that apply

□ Phone ☑ E-mail □ US Mail



COLORADO Division of Reclamation, Mining and Safety

Department of Natural Resources

By Submitting this form you are requesting an investigation of compliance with DRMS rules.

COMPLAINANT INFORMATION

Date of Complaint

12/08/2021

*Indicates a Required Field

Do you wish to remain anonymous? *

🔾 Yes 💿 No

Your First Name *

Patricia

Your Last Name *

Dowd

Your Address * 56 Valley View Drive

Your City *

Your State

Your Zip Code * Maximum of 10 digits. (Example) 80202 80466

Email Address *

Enter a valid email address in this field to receive a confirmation e-mail and copy of your Complaint form. pdowd13@gmail.com

Your Phone Number *

Used only to follow up. Please enter phone number in this format: (Example) 123-456-7890 406-522-0272

Alternate Phone Number

Used only to follow up. Please enter phone number in this format: (Example) 123-456-7890

Connection to Incident *

Select all that apply

- Land Owner
- ✓ Nearby Resident
- Other

Mineral Owner

Observed Incident

DESCRIPTION OF COMPLAINT

(Please be as specific as possible)

Note: Please provide as much detail related to location and issue as possible. Without enough detail, DRMS will not be able to process or investigate the complaint and, therefore, DRMS will have no choice but to discard the complaint.

Location of Concern *

Please provide as much detail as possible. It is important to narrow down the location. If available, please include Township, Range and Section, physical address, or GPS location. You may also upload a pdf map below.

Caribou and Cross Mines Caribou Road Nederland, Colorado

Incident County *

Boulder County

Is this an ongoing issue(s)?

• Yes 🔿 No

Nature of Complaint *

Select all that apply

- ✓ Illegal Mining
- Ground Water / Water Well Impact
- Surface Water Impact / Stormwater Management
- ✓ Mine Plan Compliance
- Signs and Markers
- Financial Warranty
- ✓ Processing Waste / Tailings
- Fish / Wildlife
- Off-Site Damage
- Explosives / Blasting
- Revegetation
- Reclamation Plan Compliance

- Dust
- Acid or Toxic Materials/Spills
- Property Damage
- Waste Management / Dumping
- Overburden / Development Waste
- Backfilling and Grading
- Processing Facilities
- Erosion / Sedimentation
- Roads
- TopsoilWeeds
- Other
- Detailed description of the issue(s) * (?)

Please provide as much detail as possible. It is important to narrow down the issue(s).

There is an ongoing permit application that has been essentially modified since the public comment period closed. Violations have been reported since that time and the proposal itself has been fundamentally altered. Therefore we request that the application be reopened for public comment. The mine's discharge feeds into the drinking water for Boulder County residents, and flows through the property of hundreds of residents relying on well water for their homes. Several years of discharge reports have shown heavy metal discharge into the waterway. Daily sanctions have not been imposed, and should be, and further operations should be prohibited until it has been confirmed that ongoing discharge has ceased, and the risk to public health and safety abated. The expansion requests from this mine should not be considered or granted until such time as their current operations are lawful and the expansion is assured to pose no further risk.

Have you contacted the operator or party conducting the operation? If yes, please provide details. *

🔾 Yes 💿 No

If known, please provide the name of the operator or party conducting the operation.

If known, please provide the Permit or NOI Number (ie M1970111 or P1970111).

Must be entered in the following format: M1970111 or P1970111 (No dashes allowed) M1977410

Have you contacted any other agencies or local governments related to this issue or issues? If so, please provide details. *

• Yes 🔿 No

Details

I contacted the Town of Nederland, Boulder County Commissioners and the State of Colorado Mining and Natural Resources Divisions

ADDITIONAL INFORMATION

Are there supporting photos, maps, or documents you wish to upload?*

Yes O No

Attachments are accepted for informational purposes only. Action by DRMS requires a direct observation by DRMS staff.

Upload Supporting Documents

Maximum of 5 files can be uploaded and each file size must be 10mb and under. PDF, JPG, and PNG formats only.

Screen Shot 2021-12-08 at 2.23.01 PM.png	303.12KB
Ned Mining Co.JPG	127.35KB
Comment on AM-2 for Cross Gold Mine.pdf	98.72KB
Screen Shot 2021-12-08 at 2.25.28 PM.png	322.16KB

What is your preferred method for DRMS to communicate with you throughout the investigation? *

Select all that apply

Phone E-mail US Mail



Patricia Dowd <pdowd13@gmail.com>

to jeff.graves, erica.crosby, russ.means, michaela.cunningham, kristopherl, bcc: Timmy 🔻

Good morning, Directors Graves and Means and Team Leaders Crosby and Cunningham and Mayor Larsen,

I am writing to you this morning regarding the Cross Mine Company on Caribou Road in Nederland, Colorado.

This mine has been dormant for many years. It is my understanding the mine was sold after Tom Hendricks passed away, was purchased by a Canadian company and is now referred to as the Nederland Mining Company (see attached photo).

🔍 Fri, Aug 27, 11:09 AM

Since this mine is located in the headwaters of the drinking water supply for The City of Boulder, is adjacent to Boulder County Open Space and is located in an area that provides habitat for wildlife, there is a lot of concern about the new activities occurring at the mine (see attached video).

My questions for the department are:

1. What type of permitting process did the new owners go through to get the go ahead to resume activities at the mine? Did they apply for permits to re-open the mine? 2. What is the plan for the mine?

- 3. What mitigation plan will the mine follow?
- 4. What type of mining will occur? (gold, silver, other)
- 5. How can the public weigh in on the process? at the local, state, federal levels?

Thank you for any additional information you can provide. Please feel free to call me to discuss my inquiries. My phone number is listed below.

I look forward to hearing from you and your staff soon.

Patricia

to me -

Aug 31, 2021, 3:57 PM



Dear Ms. Dowd,

Thank you for contacting the Boulder County Commissioners.

I checked with staff in Community Planning & Permitting and learned:

The new entity who bought the mine following Mr. Hendricks passing is Nederland Mining Consultants. There is an existing Special Use on the property (approved by the County) which has not lapsed, but if the new operators engage in activities that fall outside that original permit, they may need to go through a county review process – which the public could weigh in on if/once an application is submitted. (The Colorado Division of Reclamation, Mining and Safety should be able to tell you how you can weigh in on their process.)

Right now, current activities at the mine should be only those that fall under their original (existing) state and local approvals. However, a revision to the state mining permit has been submitted, and Boulder County Community Planning & Permitting (CPP) staff is reviewing that revision to see what, if any, local review and/or permits will be needed. That determination has not yet been made, but we can touch base with staff and follow-up with you once we have more information.

Attached are the comments the county provided to the State in March.

I hope this information is helpful! Please let me know if we can be of additional assistance.

Kind regards,

Jennifer

Jennifer Churchill| Public Affairs Specialist She|Her|Hers Boulder County Commissioners' Office Office: 303-441-3500 | Cell: 303-817-3008



Community Planning & Permitting

Courthouse Annex • 2045 13th Street • Boulder, Colorado 80302 • Tel: 303.441.3930

March 5, 2021

Amy Eschberger Environmental Protection Specialist Colorado Division of Reclamation, Mining, and Safety 1313 Sherman St Room 215 Denver, CO 80203

RE: M-1977-410 AM-2

Dear Ms. Eschberger:

Boulder County Community Planning and Permitting (CPP) completed a review of AM-2 the modification of the Cross Gold Mine's permit with the Division of Mining, Reclamation and Safety. The proposal constitutes a modification of the existing SU-08-0006 approval between the mine's owners and Boulder County. Prior to any action that goes beyond the scope of the Development Agreement, Grand Island Resources must submit a Modification Determination request to Boulder County Community Planning & Permitting in order to determine the scale of the modifications proposed and what type of modification process will be required for the work to comply with the Boulder County Land Use Code.

In the existing Development Agreement for the Cross Mine, the Special Use recognized the existing mining use, approved the expansion of the operations which included a new mine tunnel, underground mine workings, construction and operation of a new onsite ore-processing facility, construction of a new ore storage building, development of a new internal access road, and other site improvements.

The following items do not appear to be contemplated in the Development Agreement and must be assessed as part of the Modification Determination:

- The new office and dry room at the Cross Mine site
- Grading and shoring of the Idaho Tunnel may need to be reviewed
- New waste rock storage may exceed the existing agreement limits

The addition of the new interior road from Cross Mine to Caribou Mine was noted in SU-08-0006, the new office building (1,710 sf) was not listed in the SU at this location and was referred to as the Ore Storage Building. It's unclear if this is the same building. The addition of a new waste rock pile by the warehouse at the Cross Warehouse was not listed in SU-08-0006. The waste rock dump was noted by the Caribou parking area.

The operator Grand Island Resources also notes in their letter that they want to convert their 110mining permit to a 112 permit. DRMS noted in their correspondence to CPP that they believe it is related to giving them more workable space within the permit area, as the 9.9 acre limitation of the 110 permit doesn't give them a lot of room to operate without disturbing land off site. In addition, they want to construct a mill on site and that would require them to convert the 110 permits to a Designated Mining Operation (DMO). Per Resolution 2008-125, the extraction of ores at the Cross Mine shall be limited to 70,000 tons per year, as allowed by the State DRMS permit. It is likely that a change to a 112 permit will require a modification and Grand Island should engage Boulder County early in discussions on such a modification.

In addition, this mining operation is the subject of an on-going zoning violation that will need to be resolved and may be resolved through the Special Use Modification Process. It appears that many structures may have been built without permits, a violation of the existing Development Agreement.

Boulder County CPP appreciates the opportunity to review AM-2 and looks forward to reviewing the modifications proposed by Grand Island Resources. The modification review will take time and may require a significant amount of discussion.

Sincerely,

Jesse Rounds



COLORADO Division of Reclamation, Mining and Safety

Department of Natural Resources

By Submitting this form you are requesting an investigation of compliance with DRMS rules.

COMPLAINANT INFORMATION

Date of Complaint

12/08/2021

*Indicates a Required Field

Do you wish to remain anonymous? *

🔾 Yes 💿 No

Your First Name *

Sarah

Your Last Name *

Rosenblum

Your Address * 531 County Rd 126 S, PO BOX 563

Your City * Nederland

Your State

Your Zip Code * Maximum of 10 digits. (Example) 80202 80466

Email Address *

Enter a valid email address in this field to receive a confirmation e-mail and copy of your Complaint form. sarahmrosenblum@gmail.com

Your Phone Number *

Used only to follow up. Please enter phone number in this format: (Example) 123-456-7890 513-520-7096

Alternate Phone Number

Used only to follow up. Please enter phone number in this format: (Example) 123-456-7890

Connection to Incident *

Select all that apply

- Land Owner
- Nearby Resident
- Other

Mineral Owner

Observed Incident

DESCRIPTION OF COMPLAINT

(Please be as specific as possible)

Note: Please provide as much detail related to location and issue as possible. Without enough detail, DRMS will not be able to process or investigate the complaint and, therefore, DRMS will have no choice but to discard the complaint.

Location of Concern *

Please provide as much detail as possible. It is important to narrow down the location. If available, please include Township, Range and Section, physical address, or GPS location. You may also upload a pdf map below.

Caribou Mine

Incident County *

Boulder County

Is this an ongoing issue(s)?

🔾 Yes 💿 No

Nature of Complaint *

Select all that apply

- Illegal Mining
- Ground Water / Water Well Impact
- Surface Water Impact / Stormwater Management

Mine Plan Compliance

- Signs and Markers
- Financial Warranty
- Processing Waste / Tailings
- Eish / Wildlife
- Off-Site Damage
- Explosives / Blasting
- Revegetation
- Reclamation Plan Compliance

- Dust
- Acid or Toxic Materials/Spills
- Property Damage
- Waste Management / Dumping
- Overburden / Development Waste
- Backfilling and Grading
- Processing Facilities
- Erosion / Sedimentation
- Roads
- Topsoil
- Weeds
- ✓ Other Mine is polluting our waters

Detailed description of the issue(s) * (?)

Please provide as much detail as possible. It is important to narrow down the issue(s). They are knowingly poisoning our streams and water with the Caribou Mine

Have you contacted the operator or party conducting the operation? If yes, please provide details.*

🔾 Yes 💿 No

If known, please provide the name of the operator or party conducting the operation.

If known, please provide the Permit or NOI Number (ie M1970111 or P1970111).

Must be entered in the following format: M1970111 or P1970111 (No dashes allowed)

Have you contacted any other agencies or local governments related to this issue or issues? If so, please provide details. *

🔾 Yes 💿 No

ADDITIONAL INFORMATION

Are there supporting photos, maps, or documents you wish to upload? *

🔾 Yes 💿 No

What is your preferred method for DRMS to communicate with you throughout the investigation? *

Select all that apply

Phone Z E-mail US Mail



COLORADO Division of Reclamation, Mining and Safety Department of Natural Resources

By Submitting this form you are requesting an investigation of compliance with DRMS rules.

DRMS Internal Information

Select Permit Type * Minerals Permit No List * M1977410 **Date of Complaint** 12/09/2021 **COMPLAINANT INFORMATION** *Indicates a Required Field Do you wish to remain anonymous? * • Yes 🔿 No Connection to Incident * Select all that apply Land Owner Mineral Owner Nearby Resident Observed Incident Other **DESCRIPTION OF COMPLAINT** (~) (Please be as specific as possible)

Note: Please provide as much detail related to location and issue as possible. Without enough detail, DRMS will not be able to process or investigate the complaint and, therefore, DRMS will have no choice but to discard the complaint.

Location of Concern *

Please provide as much detail as possible. It is important to narrow down the location. If available, please include Township, Range and Section, physical address, or GPS location. You may also upload a pdf map below.

Boulder

Incident County *

Boulder County

Is this an ongoing issue(s)?

🔾 Yes 💿 No

Nature of Complaint *

Select all that apply

- Illegal Mining
- ☑ Ground Water / Water Well Impact
- Surface Water Impact / Stormwater Management
- Mine Plan Compliance
- Signs and Markers
- Financial Warranty
- Processing Waste / Tailings
- Fish / Wildlife
- Off-Site Damage
- Explosives / Blasting
- Revegetation
- Reclamation Plan Compliance

- Dust
- Acid or Toxic Materials/Spills
- Property Damage
- ☑ Waste Management / Dumping
- Overburden / Development Waste
- Backfilling and Grading
- Processing Facilities
- Erosion / Sedimentation
- Roads
- Topsoil
- Weeds
- Other

Detailed description of the issue(s) * (?)

Please provide as much detail as possible. It is important to narrow down the issue(s).

The residents are being denied access to clean water which is a basic human right. Grand Island Resources LLC is violating our right by dumping heavy metals in the water reserves of the city of Boulder

Have you contacted the operator or party conducting the operation? If yes, please provide details. *

🔾 Yes 💿 No

If known, please provide the name of the operator or party conducting the operation.

Grand Island Resources LLC

If known, please provide the Permit or NOI Number (ie M-1970-111 or P-1970-111).

Must be entered in the following format: M1970111 or P1970111 (No dashes allowed)

Have you contacted any other agencies or local governments related to this issue or issues? If so, please provide details. *

🔾 Yes 💿 No

ADDITIONAL INFORMATION

Are there supporting photos, maps, or documents you wish to upload? *

🔾 Yes 💿 No

What is your preferred method for DRMS to communicate with you throughout the investigation? *

Select all that apply

Phone Z E-mail US Mail



COLORADO Division of Reclamation, Mining and Safety

Department of Natural Resources

By Submitting this form you are requesting an investigation of compliance with DRMS rules.

COMPLAINANT INFORMATION

Date of Complaint

12/09/2021

*Indicates a Required Field

Do you wish to remain anonymous? *

🔾 Yes 💿 No

Your First Name *

Kristen

Your Last Name *

Nielson

Your Address * P.O. Box 3235

Your City *

Your State

Your Zip Code * Maximum of 10 digits. (Example) 80202 80466

Email Address *

Enter a valid email address in this field to receive a confirmation e-mail and copy of your Complaint form. oaklandken@gmail.com

Your Phone Number *

Used only to follow up. Please enter phone number in this format: (Example) 123-456-7890 510-827-0142

Alternate Phone Number

Used only to follow up. Please enter phone number in this format: (Example) 123-456-7890

Connection to Incident *

Select all that apply

- Land Owner
- ✓ Nearby Resident
- Other

Mineral Owner

Observed Incident

DESCRIPTION OF COMPLAINT

(Please be as specific as possible)

Note: Please provide as much detail related to location and issue as possible. Without enough detail, DRMS will not be able to process or investigate the complaint and, therefore, DRMS will have no choice but to discard the complaint.

Location of Concern *

Please provide as much detail as possible. It is important to narrow down the location. If available, please include Township, Range and Section, physical address, or GPS location. You may also upload a pdf map below.

Caribou and Cross Mines Nederland, Co

Incident County *

Boulder County

Is this an ongoing issue(s)?

🔾 Yes 💿 No

Nature of Complaint *

Select all that apply

- ✓ Illegal Mining
- Ground Water / Water Well Impact
- Surface Water Impact / Stormwater Management
- ✓ Mine Plan Compliance
- □ Signs and Markers
- Financial Warranty
- ✓ Processing Waste / Tailings
- Fish / Wildlife
- Off-Site Damage
- Explosives / Blasting
- Revegetation
- ✓ Reclamation Plan Compliance

- Dust
- Acid or Toxic Materials/Spills
- Property Damage
- Waste Management / Dumping
- Overburden / Development Waste
- Backfilling and Grading
- Processing Facilities
- Erosion / Sedimentation
- Roads
- Topsoil
- Weeds
- Other

Detailed description of the issue(s) * (?)

Please provide as much detail as possible. It is important to narrow down the issue(s).

The mine's discharge feeds into the drinking water for Boulder County residents, and flows through the property of hundreds of residents relying on well water for their homes. Several years of discharge reports have shown heavy metal discharge into the waterway. Daily sanctions have not been imposed, and should be, and further operations should be prohibited until it has been confirmed that ongoing discharge has ceased, and the risk to public health and safety abated. The expansion requests from this mine should not be considered or granted until such time as their current operations are lawful and the expansion is assured to pose no further risk.

Have you contacted the operator or party conducting the operation? If yes, please provide details. *

🔾 Yes 💿 No

If known, please provide the name of the operator or party conducting the operation.

Caribou and Cross Mines, Grand Island Resources, LLC

If known, please provide the Permit or NOI Number (ie M1970111 or P1970111).

Must be entered in the following format: M1970111 or P1970111 (No dashes allowed) M1977410

Have you contacted any other agencies or local governments related to this issue or issues? If so, please provide details. *

🔾 Yes 💿 No

ADDITIONAL INFORMATION

Are there supporting photos, maps, or documents you wish to upload? *

🔾 Yes 💿 No

What is your preferred method for DRMS to communicate with you throughout the investigation? m *

Select all that apply

□ Phone ☑ E-mail □ US Mail