



December 3, 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 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.

Copies of the additional complaint letters received are enclosed for your records. Please respond to the 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 amy.eschberger@state.co.us.



Sincerely,

A handwritten signature in blue ink that reads "Amy Eschberger". The signature is written in a cursive, flowing style.

Amy Eschberger
Environmental Protection Specialist

Encls: Complaint from Anonymous, received on November 30, 2021
Complaint from Amanda Kneer, received on December 1, 2021
Complaint from Lauren Trojan, received on December 2, 2021
Complaint from Anonymous, received on December 2, 2021
Complaint from Anonymous, received on December 2, 2021

Cc: Daniel Pollock, Grand Island Resources LLC
Michael Cunningham, DRMS

DRMS Complaint Intake Tool

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



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

DRMS Internal Information

Select Permit Type *

Minerals

Permit No List *

M1977411

Date of Complaint

11/30/2021

COMPLAINANT INFORMATION

*** Indicates a Required Field**

Do you wish to remain anonymous? *

☒ Yes ☐ No

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.

Cross and Caribou Mines located above Boulder and Nederland, in the western Boulder County Headwaters.

Incident County *

Boulder County

Is this an ongoing issue(s)?

☒ Yes ☐ No

Nature of Complaint *

Select all that apply

- | | |
|--|--|
| <input type="checkbox"/> Illegal Mining | <input checked="" type="checkbox"/> Dust |
| <input checked="" type="checkbox"/> Ground Water / Water Well Impact | <input checked="" type="checkbox"/> Acid or Toxic Materials/Spills |
| <input checked="" type="checkbox"/> Surface Water Impact / Stormwater Management | <input type="checkbox"/> Property Damage |
| <input checked="" type="checkbox"/> Mine Plan Compliance | <input type="checkbox"/> Waste Management / Dumping |
| <input type="checkbox"/> Signs and Markers | <input type="checkbox"/> Overburden / Development Waste |
| <input type="checkbox"/> Financial Warranty | <input type="checkbox"/> Backfilling and Grading |
| <input type="checkbox"/> Processing Waste / Tailings | <input type="checkbox"/> Processing Facilities |
| <input checked="" type="checkbox"/> Fish / Wildlife | <input checked="" type="checkbox"/> Erosion / Sedimentation |
| <input type="checkbox"/> Off-Site Damage | <input checked="" type="checkbox"/> Roads |
| <input type="checkbox"/> Explosives / Blasting | <input type="checkbox"/> Topsoil |
| <input type="checkbox"/> Revegetation | <input type="checkbox"/> Weeds |
| <input type="checkbox"/> Reclamation Plan Compliance | <input type="checkbox"/> Other <input type="text"/> |

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

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

It has been recently reported that on November 5, 2021, the Colorado Department of Public Health and Environment (CDPHE) issued a cease and desist order to Grand Island Resources, LLC for repeated violations of their current discharge permit for the Cross and Caribou Mines located above Boulder and Nederland, in the western Boulder County Headwaters. Despite charges of failing to comply with their existing permit, Grand Island Resources looks to expand their operations.

The request to expand their operations raises grave concerns for the local community and community at large as Grand Island Resources has already failed to comply with their permit at the existing operational level. According to reports, the pollutants listed in violation for exceeding discharge levels include lead, copper, zinc, silver and cadmium.

There is also the concern of moving large truck loads of material down Caribou rd. Caribou rd, is very rough, narrow, dusty, and dangerous, especially in the winter. I have experienced careless, high speed driving by employees, and dangerous maneuvers of their equipment on the rd.

I would like to see this mining operation completely closed down for their negligence regarding the environment and the associated risk to all the Boulder County residents and their wells that are down stream of the operation. The water in Coon Track Creek, Boulder Creek and Barker Reservoir are all at risk.

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.

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 ☒ E-mail ☐ US Mail

DRMS Complaint Intake Tool



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

12/01/2021

*** Indicates a Required Field**

Do you wish to remain anonymous? *

☐ Yes ☒ No

Your First Name *

Amanda

Your Last Name *

Kneer

Your Address *

83 Sundance Cir

Your City *

Nederland

Your State

CO

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.

mandyskneer@gmail.com

Your Phone Number *

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

303-250-0331

Alternate Phone Number

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

303-250-0331

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.

Water pollution at Coon Track Creek due to the Cross and Caribou mines

Incident County *

Boulder County

Is this an ongoing issue(s)?

☒ Yes ☐ No

Nature of Complaint *

Select all that apply

- | | |
|---|--|
| <input type="checkbox"/> Illegal Mining | <input type="checkbox"/> Dust |
| <input checked="" type="checkbox"/> Ground Water / Water Well Impact | <input type="checkbox"/> Acid or Toxic Materials/Spills |
| <input type="checkbox"/> Surface Water Impact / Stormwater Management | <input type="checkbox"/> Property Damage |
| <input checked="" type="checkbox"/> Mine Plan Compliance | <input checked="" type="checkbox"/> Waste Management / Dumping |
| <input type="checkbox"/> Signs and Markers | <input type="checkbox"/> Overburden / Development Waste |
| <input type="checkbox"/> Financial Warranty | <input type="checkbox"/> Backfilling and Grading |
| <input checked="" type="checkbox"/> Processing Waste / Tailings | <input type="checkbox"/> Processing Facilities |
| <input type="checkbox"/> Fish / Wildlife | <input type="checkbox"/> Erosion / Sedimentation |
| <input type="checkbox"/> Off-Site Damage | <input type="checkbox"/> Roads |
| <input type="checkbox"/> Explosives / Blasting | <input type="checkbox"/> Topsoil |
| <input type="checkbox"/> Revegetation | <input type="checkbox"/> Weeds |
| <input type="checkbox"/> Reclamation Plan Compliance | <input type="checkbox"/> Other <input type="text"/> |

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

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

Illegal amounts of lead, cadmium, zinc, silver and copper.

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 at Cross and Caribou Mines near Nederland Colorado

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? *

Select all that apply

☐ Phone ☒ E-mail ☐ US Mail

DRMS Complaint Intake Tool



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

12/02/2021

*** Indicates a Required Field**

Do you wish to remain anonymous? *

☐ Yes ☒ No

Your First Name *

Lauren

Your Last Name *

Trojan

Your Address *

11773 Hillcrest Rd

Your City *

Golden

Your State

CO

Your Zip Code *

Maximum of 10 digits. (Example) 80202

80403

Email Address *

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

lauren.trojan@gmail.com

Your Phone Number *

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

720-300-9347

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

☐ 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.

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

- | | |
|--|---|
| <input checked="" type="checkbox"/> Illegal Mining | <input type="checkbox"/> Dust |
| <input checked="" type="checkbox"/> Ground Water / Water Well Impact | <input type="checkbox"/> Acid or Toxic Materials/Spills |
| <input checked="" type="checkbox"/> Surface Water Impact / Stormwater Management | <input type="checkbox"/> Property Damage |
| <input checked="" type="checkbox"/> Mine Plan Compliance | <input type="checkbox"/> Waste Management / Dumping |
| <input type="checkbox"/> Signs and Markers | <input type="checkbox"/> Overburden / Development Waste |
| <input type="checkbox"/> Financial Warranty | <input type="checkbox"/> Backfilling and Grading |
| <input checked="" type="checkbox"/> Processing Waste / Tailings | <input type="checkbox"/> Processing Facilities |
| <input type="checkbox"/> Fish / Wildlife | <input type="checkbox"/> Erosion / Sedimentation |
| <input type="checkbox"/> Off-Site Damage | <input type="checkbox"/> Roads |
| <input type="checkbox"/> Explosives / Blasting | <input type="checkbox"/> Topsoil |
| <input type="checkbox"/> Revegetation | <input type="checkbox"/> Weeds |
| <input checked="" type="checkbox"/> Reclamation Plan Compliance | <input type="checkbox"/> Other <input type="text"/> |

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? *

Select all that apply

☐ Phone ☒ E-mail ☐ US Mail

DRMS Complaint Intake Tool

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



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

DRMS Internal Information

Select Permit Type *

Minerals

Permit No List *

M1977410

Date of Complaint

12/02/2021

COMPLAINANT INFORMATION

*** Indicates a Required Field**

Do you wish to remain anonymous? *

☒ Yes ☐ No

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.

County: Boulder County

Incident County *

Boulder County

Is this an ongoing issue(s)?

☐ Yes ☒ No

Nature of Complaint *

Select all that apply

- | | |
|--|---|
| <input checked="" type="checkbox"/> Illegal Mining | <input type="checkbox"/> Dust |
| <input checked="" type="checkbox"/> Ground Water / Water Well Impact | <input type="checkbox"/> Acid or Toxic Materials/Spills |
| <input checked="" type="checkbox"/> Surface Water Impact / Stormwater Management | <input type="checkbox"/> Property Damage |
| <input checked="" type="checkbox"/> Mine Plan Compliance | <input type="checkbox"/> Waste Management / Dumping |
| <input type="checkbox"/> Signs and Markers | <input type="checkbox"/> Overburden / Development Waste |
| <input type="checkbox"/> Financial Warranty | <input type="checkbox"/> Backfilling and Grading |
| <input checked="" type="checkbox"/> Processing Waste / Tailings | <input type="checkbox"/> Processing Facilities |
| <input type="checkbox"/> Fish / Wildlife | <input type="checkbox"/> Erosion / Sedimentation |
| <input type="checkbox"/> Off-Site Damage | <input type="checkbox"/> Roads |
| <input type="checkbox"/> Explosives / Blasting | <input type="checkbox"/> Topsoil |
| <input type="checkbox"/> Revegetation | <input type="checkbox"/> Weeds |
| <input checked="" type="checkbox"/> Reclamation Plan Compliance | <input type="checkbox"/> Other <input type="text"/> |

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 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

DRMS Complaint Intake Tool

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



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

DRMS Internal Information

Select Permit Type *

Minerals

Permit No List *

M1977410

Date of Complaint

12/02/2021

COMPLAINANT INFORMATION

*** Indicates a Required Field**

Do you wish to remain anonymous? *

☒ Yes ☐ No

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

- | | |
|--|---|
| <input checked="" type="checkbox"/> Illegal Mining | <input type="checkbox"/> Dust |
| <input checked="" type="checkbox"/> Ground Water / Water Well Impact | <input type="checkbox"/> Acid or Toxic Materials/Spills |
| <input checked="" type="checkbox"/> Surface Water Impact / Stormwater Management | <input type="checkbox"/> Property Damage |
| <input checked="" type="checkbox"/> Mine Plan Compliance | <input type="checkbox"/> Waste Management / Dumping |
| <input type="checkbox"/> Signs and Markers | <input type="checkbox"/> Overburden / Development Waste |
| <input type="checkbox"/> Financial Warranty | <input type="checkbox"/> Backfilling and Grading |
| <input checked="" type="checkbox"/> Processing Waste / Tailings | <input checked="" type="checkbox"/> Processing Facilities |
| <input type="checkbox"/> Fish / Wildlife | <input type="checkbox"/> Erosion / Sedimentation |
| <input type="checkbox"/> Off-Site Damage | <input type="checkbox"/> Roads |
| <input type="checkbox"/> Explosives / Blasting | <input type="checkbox"/> Topsoil |
| <input type="checkbox"/> Revegetation | <input type="checkbox"/> Weeds |
| <input checked="" type="checkbox"/> Reclamation Plan Compliance | <input type="checkbox"/> Other <input type="text"/> |

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 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