

**BEFORE THE MINED LAND RECLAMATION BOARD
STATE OF COLORADO**

IN THE MATTER OF GRAND ISLAND RESOURCES, LLC'S PETITION TO REMOVE THE BOARD'S PRIOR FINDINGS OF FACT, CONCLUSIONS OF LAW, AND ORDER IN THE MATTER OF POSSIBLE VIOLATION BY GRAND ISLAND RESOURCES, LLC, CIVIL PENALTIES, CEASE AND DESIST ORDER, AND CORRECTIVE ACTIONS FOR FAILURE TO MINIMIZE DISTURBANCES TO THE PREVAILING HYDROLOGICAL BALANCE, FILE NO. M-1977-410

Grand Island Resources, LLC ("GIR"), hereby submits this Petition requesting the Mined Land Reclamation Board ("Board") remove the Board's prior Findings of Fact, Conclusions of Law, and Order in the Matter of Possible Violation by Grand Island Resources, LLC, Civil Penalties, Cease and Desist Order, and Corrective Actions for Failure to Minimize Disturbances to the Prevailing Hydrological Balance, File No. M-1977-410 ("Cease and Desist Order").

I. Factual Background

On February 18, 2022, the Board issued its Cease and Desist Order against GIR. Ex. A (Cease and Desist Order). The Cease and Desist Order required GIR, as Operator, to cease "further activities underground, except those activities approved by the Division, in writing, as necessary to comply with the conditions of this Order . . . until all of the corrective actions have been resolved to the satisfaction of the Division." Ex. A, p. 6. The Cease and Desist Order contains the following "Corrective Actions":

1. File a Technical Revision by February 28, 2022, to modify the water management and treatment program for the site to sufficiently address all water quality issues, and provide a surface water and groundwater monitoring program that meets all applicable requirements of Rules 3.1.6, 3.1.7, 6.3.3, and 6.3.4. The Technical Revision shall be approved by the Division within 60 days of receipt, by April 26, 2022;
2. Submit, within 30 days of the effective date of this Order, an interim financial warranty in the amount of \$162,841.00 to operate any necessary water treatment

system at the site (based on an estimated cost of \$6,785 per month over a 2-year period);

3. Submit, by the end of every calendar quarter, beginning with the first quarter of 2022, a written report outlining the activities undertaken at the site during the current quarter and any activities planned for the next quarter to ensure compliance with section 34-32-116(7)(g), C.R.S. and Rule 3.1.6(1). The quarterly reports shall also summarize any actions or findings of the Water Quality Control Division of the Colorado Department of Public Health and Environment regarding the site discharge permit, that were taken during the current quarter. Operator shall submit the quarterly reports until the Division issues a written notice to Operator indicating that the reports are no longer necessary; and
4. Appear at the Board's December 2022 meeting to provide a status update on the corrective actions required by this Order.

Ex. A, p. 7.

On April 29, 2022, GIR submitted a request to the Division to remove the Cease and Desist Order ("GIR's April 29, 2022 Letter to Division").¹ Ex. B (GIR's April 29, 2022 Letter to Division). On May 3, 2022, the Division responded to GIR's April 29, 2022 Letter and denied GIR's request to remove the Cease and Desist Order ("Division's May 2022 Letter"). Ex. C (Division's May 2022 Letter). The Division's May 2022 Letter stated, in part, that

1. In the second to last paragraph, GIR states they remain in full compliance with its reporting with the Water Quality Control Division (WQCD) for the month of March 2022. While its true GIR has submitted its report to WQCD, the sample results have not been in full compliance with the discharge permit. The Division was informed by WQCD the sample results for the second half of March 2022 were not in compliance. GIR submitted to WQCD that the samples for the 2nd half of March 2022 were outliers and the result of improper sampling practices (see attached report). As far as the Division is aware, GIR did not submit the sampling results including which analytes were outliers. WQCD has required GIR submit the results so monthly averages can be calculated. The WQCD permit requires that they report all data collected regardless of circumstances. The Division is not aware of the results having been submitted yet.

¹ The letter is dated April 28, 2022, but it was transmitted to the Division on April 29, 2022.

2. The Division will require the operator to provide proof that sampling can be completed with consistency and in accordance with approved methods for the site for one complete quarter (April through June 2022).
3. The Division will require the operator to provide proof of compliance with the approved discharge permit for one complete quarter (April through June 2022).

At the end of June 2022, GIR may provide a demonstration of compliance with the items stated above and reconsideration for the Division to remove the Cease and Desist Order placed by the Board.

Ex. C, p. 1.

GIR has complied with all of the above requirements. A new water treatment system was installed at the Cross Gold Mine ("Cross Mine") in December 2021. Ex. D, ¶ 3 (Aff. of S. Muller). On March 1, 2022, the Division approved GIR's Technical Revision No. 10, which included approval of the Cross Mine's new water treatment system. *Id.* at ¶ 4. Following the installation of the water treatment system, GIR, as operator of the Cross Mine, has submitted monthly water sampling test results to the Division. *Id.* at ¶ 5. These water sampling test results included results for April through June 2022, as required by the Division. *Id.* GIR also timely paid the required interim financial warranty in the amount of \$162,841.00. *Id.* at ¶ 6. On July 7, 2022, GIR submitted to the Division a quarterly report, which outlined the activities undertaken at the Cross Mine during the current quarter along with the planned activities for the next quarter. *Id.* at ¶ 7.

On July 12, 2022, after complying with GIR's requirements concerning submission of proof of water sampling for April through June 2022, GIR submitted a request to the Division seeking the Division's removal of the Cease and Desist Order ("GIR's First Request to Remove Cease and Desist Order"). Ex. E (GIR's First Request to Remove Cease and Desist Order). The Division did not acknowledge receipt of GIR's First Request to Remove Cease and Desist Order or otherwise respond to it. Having heard nothing from the Division, on July 21, 2022, GIR submitted another request to the Division seeking the Division's removal of the Cease and Desist Order ("GIR's

Second Request to Remove Cease and Desist Order. Ex. F (GIR's Second Request to Remove Cease and Desist Order). The Division did not acknowledge receipt of GIR's Second Request to Remove Cease and Desist Order or otherwise respond to it. Again having heard nothing from the Division, on July 28, 2022, GIR submitted another request to the Division seeking the Division's removal of the Cease and Desist Order ("GIR's Third Request to Remove Cease and Desist Order"). Ex. G (GIR's Third Request to Remove Cease and Desist Order).

On July 29, 2022, the Division finally responded to GIR's prior requests. Rather than agree to remove the Cease and Desist Order based on GIR's compliance with the Division's own prior conditions for doing so, the Division stated "[d]ue to current circumstances the Division feels the decision to remove the Cease-and-Desist Order must be made by the Board" ("Division's July 29, 2022 Letter") Ex. H, p. 1 (Division's July 29, 2022 Letter). The Division's July 29, 2022 Letter did not elaborate on what "current circumstances" the Division believes exist that now require the Board, rather than the Division, to make a decision concerning the removal of the Cease and Desist Order. The fact remains that GIR has complied with all of the requirements imposed by the Board in its Cease and Desist Order and the additional requirements imposed by the Division to submit proof of water sampling tests to demonstrate compliance with the discharge permit from April through June 2022. In addition, GIR is otherwise in full compliance with all other requirements of its permit No. M-1977-410.

II. The Board Should Remove the Cease and Desist Order

A. GIR Has Complied with the Corrective Actions Set forth in the Cease and Desist Order

As set forth above, GIR has complied with all of the substantive Corrective Actions set forth in the Cease and Desist Order, including:

- submission of the Technical Revision to modify the water management and treatment program for the site, which was approved by the Division on March 1, 2022 (Corrective Action Number 1);
- submission of a financial warranty in the amount of \$162,841.00 to operate the water treatment system at the site (Corrective Action Number 2); and
- submission of quarterly written reports outlining the activities undertaken at the site, including a summary of any actions or findings of the WQCD (Corrective Action Number 3).

The only Corrective Action that has not yet been completed is Corrective Action Number 4, which requires GIR to "[a]pppear at the Board's December 2022 meeting to provide a status update on the corrective actions required by this Order."

In addition, GIR has complied with the Division's additional requirements set forth in the Division's May 2022 Letter. Specifically, GIR submitted water test results for April through June 2022 demonstrating GIR's compliance with the approved discharge permit. In addition to the test results and other information GIR submits to CDPHE, GIR will also continue to submit to the Division monthly water sample test results. Ex. D, ¶ 10 (Aff. of S. Muller). There are no further substantive requirements for GIR to meet under the Cease and Desist Order, nor has the Division expressed any concerns with GIR's compliance with the Order beyond its request that GIR submit proof of compliance with the water discharge permit for the months of April through June 2022. GIR could then, at the end of June 2022, demonstrate compliance with this request and seek reconsideration from *the Division* of the Cease and Desist Order. Now, rather than remove the Cease and Desist Order based on GIR's compliance with the Division's prior directives, the Division has simply deferred to the Board based on unidentified "current circumstances."

The Division may be taking the position that in light of the Division's decision to designate GIR's Cross Mine as a Designated Mining Operation ("DMO"), a change in circumstances has occurred such that the Board should now consider whether or not to remove the Cease and Desist Order.² The Division's DMO designation, however, is irrelevant to the issue of GIR's compliance with the Cease and Desist Order, and it does not actually constitute a change in circumstances that would otherwise affect the removal of the Cease and Desist Order. First, the Cease and Desist Order and, more specifically, GIR's compliance with the Corrective Actions set forth therein, which provide the basis for removing the Cease and Desist Order, is separate and unrelated to the Division's decision to designate the Cross Mine as a DMO. Second, the Division's preliminary decision to designate the Cross Mine as a DMO occurred on February 17, 2022, a day before the Board's Cease and Desist Order was issued, and almost three months before the Division issued its May 2022 Letter telling GIR that if it submitted water test results for April through June 2022 then it could request reconsideration from the Division regarding the removal of the Cease and Desist Order. In other words, the Division made its DMO designation prior to communicating to GIR what GIR needed to do to have the Cease and Desist Order removed—which GIR subsequently complied with—so there are no changed circumstances concerning the DMO designation that warrant continuing the Cease and Desist Order.

B. Preventing GIR from Continued Mining Operations Would Harm GIR

The Division's refusal to remove the Cease and Desist Order, despite GIR's full compliance with its terms, is causing unnecessary harm to GIR. Based on the Division's representations to GIR regarding the steps GIR needed to take to have the Cease and Desist Order removed by the Division, GIR, in turn, made numerous representations and promises to its investors and other

² The Division's DMO designation is subject to a separate petition to the Board by GIR.

stakeholders in the company that the Cease and Desist Order would be removed in July 2022 and pre-Cease and Desist Order mining activities would be permitted to commence as a result of GIR's compliance with the Cease and Desist Order and the corresponding removal of the Cease and Desist Order. Ex. I, ¶ 6 (Aff. of D. Takami). GIR also has contractual obligations that it committed to honor that were entered into based on GIR's reliance on the Division's representations concerning the removal of the Cease and Desist Order. *Id.* at ¶ 9. Further, while GIR's investors have been diligent in supporting the financial requirements associated with compliance with the Cease and Desist Order, that ongoing assistance was based, in part, on the expectation the Cease and Desist Order would be removed in July 2022. *Id.* at ¶¶ 7-8. As such, it is important that the Cease and Desist Order be removed as soon as practicable to avoid causing additional unnecessary harm to GIR.

C. The Board Has Authority to Remove the Cease and Desist Order Without a Hearing

As an initial matter, the Board has authority to decide this matter because this is an issue related to the removal of the Board-issued Cease and Desist Order, the Division deferred the decision to the Board, and the Board's decision will remove the uncertainty concerning the ongoing applicability of the Cease and Desist Order to GIR. *See, e.g.*, Rule 2.5.1; Rule 2.5.3. Further, as set forth above, this matter does not involve a question or issue that is currently subject to a formal Board hearing or investigation before the Board or a court. Rule 2.5.3(b)-(c). This issue is also not moot or hypothetical and GIR has no other adequate legal remedy, especially because GIR sought removal of the Cease and Desist Order from the Division, but the Division deferred to the Board. Rule 2.5.3(d)-(e).

Moreover, there is (or should be) no dispute that GIR has satisfied all of the Corrective Actions set forth in the Cease and Desist Order, as well as the Division's additional requirements

related to the submission of water testing results for April through June 2022. Accordingly, there is no need to hold a hearing prior to deciding to remove the Cease and Desist Order. *See* Rule 2.5.4(f) (permitting Board to rule on petition without a hearing). In addition, scheduling and holding a hearing on this issue would further unnecessarily delay the Board's decision concerning the removal of the Cease and Desist Order, which in turn will further delay GIR's mining operations and, in turn, continue to cause unnecessary harm on GIR.

As described above, GIR complied with all of the Division's mandates and then promptly requested the Division remove the Cease and Desist Order. The Division, however, failed and refused to respond to multiple requests throughout the month of July 2022 and then finally responded on July 29, 2022, only to say that the decision should be left to the Board. Based on the Division's delay in responding to GIR's multiple requests, coupled with its eventual deferral to the Board, it appears that the Division is intentionally attempting to delay the removal of the Cease and Desist Order to prevent GIR from resuming pre-Cease and Desist Order mining operations. Adding this issue to the agenda at a future Board meeting will only further unnecessarily delay a decision and a hearing is unnecessary in any event since the facts related to compliance with the Cease and Desist Order are straightforward and undisputed.

III. Conclusion

GIR respectfully requests that the Board remove its February 18, 2022 Cease and Desist Order without a hearing.

Dated: August 12, 2022

/s/ Robert E. Botts, Jr.

Robert E. Botts, Jr., Atty. Reg. No. 21317

Zane Gilmer, Atty. Reg. No. 41602

STINSON LLP

1144 Fifteenth Street, Suite 2400

Denver, CO 80202

Telephone: 303.500.7190

robert.botts@stinson.com

zane.gilmer@stinson.com

CERTIFICATE OF SERVICE

I hereby certify that on August 12, 2022, a true and correct copy of the foregoing was submitted via electronic mail and Federal Express to the Mined Land Reclamation Board and other such recipients as designated below:

Camille Mojar
Board Secretary
Mined Land Reclamation Board
Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203
Telephone: 303.866.3567, ex. 8136
camille.mojar@state.co.us

Scott Schultz
Senior Assistant Attorney General
Colorado Dept. of Law
Natural Resources & Environment Section
Ralph L. Carr Colorado Judicial Center
1300 Broadway, 7th Floor
Denver, CO 80203
Telephone: 720.508.6256
scott.schultz@coag.gov

/s/ Robert E. Botts, Jr.

Robert E. Botts, Jr., Atty. Reg. No.21317

Exhibit A



COLORADO

**Division of Reclamation,
Mining and Safety**

Department of Natural Resources

February 18, 2022

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

Re: Findings of Fact, Conclusions of Law, and Order, Grand Island Resources LLC
File No. M-1977-410, MV-2021-017

On February 18, 2022 the Mined Land Reclamation Board signed the enclosed Board Order for the above captioned operation. Because this document is the final order of the Board, it is legally binding on and affects the above-captioned operation, and we strongly advise that you read this document carefully.

Sincerely,


Camille Mojar
Board Administrator

Enclosure(s)

Certified Mail

7018 2290 0001 8923 1007

cc:

Amy Eschberger
Michael Cunningham
Jeff Fugate
Scott Schultz
Charles Kooyman
John Henderson, Esq.
Daniel Takami
Ed Byrne, Esq.
Gabe Racz, Esq.
Patrick Delaney
Greg Miller



BEFORE THE MINED LAND RECLAMATION BOARD
STATE OF COLORADO

Notice of Violation No. MV-2021-017

FINDINGS OF FACT, CONCLUSIONS OF LAW, AND ORDER

IN THE MATTER OF POSSIBLE VIOLATION BY GRAND ISLAND RESOURCES, LLC, CIVIL PENALTIES, CEASE AND DESIST ORDER, AND CORRECTIVE ACTIONS FOR FAILURE TO MINIMIZE DISTURBANCES TO THE PREVAILING HYDROLOGIC BALANCE, File No. M-1977-410

THIS MATTER came before the Mined Land Reclamation Board ("Board") on December 15, 2021, and on January 19, 2022 via videoconference to consider a possible violation by Grand Island Resources, LLC ("Operator"), civil penalties, cease and desist order, and corrective actions for failure to minimize disturbances to the prevailing hydrologic balance, File No. M-1977-410. Amy Eschberger, Michael Cunningham, Russ Means, and Assistant Attorney General Scott Schultz appeared on behalf of the Division of Reclamation, Mining and Safety ("Division"). John Henderson, Esq.; Daniel Takami; Ed Byrne, Esq.; Gabe Racz, Esq.; and Greg Miller appeared on behalf of the Operator.

The Board, having considered the parties' presentations, testimony, and the administrative record, and being otherwise fully informed of the facts in the matter, enters the following:

FINDINGS OF FACT

1. The Operator holds a 110(2) reclamation permit for an 8.95 acre gold, silver, zinc, copper, and lead mine located in Section 9, Township 1 South, Range 73 West, 6th Principal Meridian in Boulder County, Colorado, permit number M-1977-410. The permitted site, known as the Cross Gold Mine, is located outside Nederland, Colorado.
2. The permitted site consists of two mines, the Cross Mine and Caribou Mine, separated by Coon Track Creek. Coon Track Creek drains into tributaries before entering a Boulder City reservoir approximately 5 miles downstream and east of the Town of Nederland.. Water is discharged into Coon Track Creek from both mines under a discharge permit issued by the Colorado Department of Public Health and Environment's Water Quality Control Division ("WQCD"). Previously, prior to discharge, water from the Cross Mine was treated with lime, allowed to settle in a pond, and then moved to a second pond where it is mixed with outflow from the Caribou Mine. The treated water was then discharged into Coon Track Creek.

3. On June 27, 2019, the Division received an email from Tom Hendricks, the previous operator, regarding a planned water quality improvement project for the Cross Gold Mine. The Division requested the submittal of a formal proposal with more details so that the Division could determine an appropriate revision. No proposal was submitted by the Operator in 2019. Mr. Hendricks, who had been battling a serious illness, passed away in early January 2020 and the transition to new management began. Hendricks had managed both mines for more than 40 years.

4. On February 4, 2020, the Division received a notice of noncompliance from WQCD for zinc and cadmium levels in excess of levels set in Operator's WQCD discharge permit (CDPS Permit No. CO0032751).

5. On February 5, 2020, the Division received Operator's Compliance Advisory Response to WQCD. Operator attributed the water quality issues to disturbances in flow caused by a collapse in the Idaho Tunnel and associated rehabilitation activities in November 2019.

6. On February 12, 2020, the Division sent Operator a notice of compliance problems with required corrective actions. The notice required Operator to copy the Division on all future compliance notices issued by WQCD for the site and to submit a technical revision to the Division by April 12, 2020, with a detailed plan for addressing the impaired surface water quality.

7. On March 19, 2020, the Division received a response from Operator describing progress it had made in reestablishing flows from the Idaho Tunnel and resulting improvements to water quality at the permitted discharge location.

8. The Division conducted an inspection of the site on March 26, 2020, and provided the report to Operator on April 7, 2020. The Division's inspection report cited several problems at the site, including impaired surface water that was discussed in the Division's February 12, 2020, notice of compliance problems sent to Operator.

9. On April 29, 2020, the Division received Technical Revision No. 5 from Operator, which provided for the rehabilitation of the Idaho Tunnel portal to allow safe entry into the mine and to reestablish the flow of mine water from the Caribou Mine to meet Operator's WQCD permit discharge requirements.

10. The Division approved Technical Revision No. 5 on June 22, 2020.

11. On August 25, 2020, the Division received Operator's Technical Revision No. 8, which provided a detailed plan for the rehabilitation and replacement of pond liners at the Caribou Mine and additional improvements to the water treatment system, including the addition of a lime feed and control building.

12. The Division approved Technical Revision No. 8 on November 10, 2020.

13. On June 24, 2021, the Division inspected the site and met with the Operator. The Operator failed to inform the Division of any water quality issues at the site although work being done on the treatment ponds was discussed.

14. On September 21, 2021, the Division received a notice of non-compliance from WQCD for the site's exceedances at the permitted discharge location regarding zinc, cadmium, lead, copper, and silver. Some of the discharge exceedances went back to May 2020.

15. On October 1, 2021, the Division issued a Reason to Believe a Violation Exists and Notice of Board Hearing letter to Operator. The Notice described the alleged violation as the failure to minimize disturbances to the prevailing hydrologic balance of the affected land and of the surrounding area and to the quantity or quality of water in surface and groundwater systems both during and after the mining operation and during reclamation. 34-32-116(7)(g), C.R.S. and Rule 3.1.6(1).

16. The Division received a response from Operator on October 7, 2021, stating that activities at the site have stressed the lime-addition and detention pond water treatment system. The Operator's letter also stated that Operator was working on alternative water treatment systems, including ones that Operator tried but which were not fully effective at ensuring compliance with discharge standards. Operator had installed a first-generation active treatment plant was on-site for testing, but, despite contractual assurances to the contrary, the system had failed to meet the aquatic life standards for the discharge.

17. On November 5, 2021, WQCD issued Operator a Notice of Violation and Cease and Desist Order for violations of its discharge permit, including exceedances of lead, cadmium, zinc, silver, and copper.

18. On November 21, 2021, the Division began receiving complaints from downstream landowners regarding the situation at the site. The Division has been investigating those complaints and has met with other agencies, including WQCD, Boulder County, and the City of Boulder, who are also investigating the complaints.

19. On November 24, 2021, the Division met with Operator and its water treatment consulting firms to discuss the new water treatment system being installed at the site, costs associated with the system, and the expected timeline to achieve full compliance with Operator's discharge permit.

20. On November 30, 2021, WQCD withdrew the Notice of Violation and Cease and Desist Order it had issued on November 5, 2021 and issued a revised notice.

21. At the hearing held during the Board's December 15, 2021 meeting, the Division presented testimony and evidence regarding the violations. Under the current

reclamation permit, water discharged from the Cross Mine is treated with lime, settled in a pond, and then mixed with water flowing from the Caribou Mine before discharge to Coon Track Creek. Before mining and reclamation activities re-started at the site, this water treatment system seemed to have been effective in helping water from the Cross Mine meet discharge standards set by the Operator's discharge permit with WQCD.

22. According to testimony from the Division, the water quality issues began when a collapse in the Idaho Tunnel choked off the comparatively cleaner water flow from the Caribou Mine. The water quality issues are the result of the Operator's mining operation, including rehabilitation and reclamation, at the site. The Division learned of the collapse of the Idaho Tunnel from WQCD on February 4, 2020, and received some additional details from the Operator's February 5, 2020 Compliance Response and in the request for TR-5 on April 29, 2020, although further communication as to the extent of the collapse was lacking. Operator had also not informed the Division of or sought approval for the alternative water treatment systems it had tried in 2021. The lack of communication from Operator to the Division was a pattern that started in 2020 after the death of Mr. Hendricks and the transition to new management.

23. Operator presented testimony regarding the circumstances at the site and its efforts to address the water quality discharge issue. Operator presented testimony that the levels set in its WQCD permit were set to aquatic life rather than drinking water standards, and that exceedances were still below levels set for drinking water. The aquatic life standards are generally more stringent than drinking water standards.

24. Operator also presented argument that WQCD, not the Division or Board, had sole authority to enforce violations of WQCD imposed discharge limits at the site.

25. Operator did not present evidence to dispute that outflow from the mines exceeded its WQCD discharge permit. Rather, Operator's expert witness, Greg Miller, admitted that there were ongoing water quality issues but stated that there was no threat to human health and that Operator was diligently working to address the issue. Operator's expert stated his opinion that the low levels of metallics in the discharges could not threaten wells or water supplies miles downstream or in other drainages as Coon Track Creek was a gaining stream, resulting in further dilution of trace metallics already being discharged within safe drinking water limits.

26. Operator presented testimony explaining that because the threshold amounts set by its discharge permit were so low, testing discharge water required sending samples to off-site labs for processing. The low amounts of minerals at issue has also made finding functional alternative water treatment processes difficult because meeting the limits requires a high level of filtering and treatment; many types of equipment will treat to drinking water standards and could not treat to the parts per billion standards set for aquatic life. Operator has been working on doing so and had already tried one system that failed to perform as warranted in treating discharge water.

27. Operator described the work it had already done in addressing the issue and stated that it had been communicating with WQCD regarding those efforts. Operator committed to copying the Division on all future communications with WQCD and asked the Division to open its communications with WQCD as well.

28. Operator presented testimony regarding the potential downsides from a cease and desist order, which could impair its ability to conduct activities necessary to remedy the discharge issues. In particular, Operator expressed the need to continue its efforts to reduce sedimentation from the Cross Mine from entering the water being discharged. Operator asked that any cease and desist order be tailored to allow Operator to continue that work.

29. Operator also asked the Board to wait to assess civil penalties should it find a violation until after WQCD had made its decision regarding the exceedances.

30. The Board stayed a decision on the amount of suspended civil penalties until its January 2022 meeting to allow Operator and the Division time to work together and present further evidence regarding efforts to address the issue.

31. At the Board's January 19, 2022, meeting, the Division presented testimony that Operator had been working well with the Division, had been in compliance with the cease and desist order and was making progress. Discharge data from November 2021 showed only exceedances in the pH and lead levels. Though the Division recognized that Operator was making progress and has shown commitment to compliance, its previous recommendation on civil penalties remained unchanged because that recommendation was based on facts that occurred prior to the hearing at the Board's December 15, 2021 meeting.

32. Operator also presented testimony regarding its efforts to address the discharge issue, public outreach regarding the issue, and the new treatment and filtration system. Regarding the exceedances in the November 2021 data, Operator explained that the new system was not online at that time and expressed satisfaction that preliminary results from the new system appeared to be achieving compliance with additional adjustments to the new system still in progress. The new system has been running continuously, and Operator has installed a remote control that allows full automation and remote monitoring. The latest sampling data from December showed compliance, and Operator hoped to have a record of full compliance through the next few months.

CONCLUSIONS OF LAW

33. The Board has jurisdiction over this matter pursuant to the Colorado Mined Land Reclamation Act, Article 32 of Title 34, C.R.S. (2021) ("Act").

34. Under section 34-32-116(7)(g), C.R.S., operators are required to minimize disturbances to the prevailing hydrologic balance of the affected land and of the surrounding area and to the quantity or quality of water in surface and groundwater systems both during and after the mining operation and during reclamation. The Operator failed to minimize the disturbance to the quality of water in the surface system by allowing the discharge of water in excess of its allowable limits, in violation of section 34-32-116(7)(g), C.R.S.

35. Rule 3.1.6(1) of the Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for Hard Rock, Metal, and Designated Mining Operations (the "Rules") requires operators to minimize disturbances to the quality and quantity of surface and groundwater during the mining operation and reclamation as measured by compliance with applicable Colorado water quality laws and regulations, including statewide water quality standards and site-specific classifications and standards adopted by the Water Quality Control Commission. Operator violated Rule 3.1.6(1) by failing to comply with its site-specific discharge standards adopted by the Water Quality Control Division.

36. Pursuant to section 34-32-124(2), C.R.S., the Board may issue a cease and desist order if it determines that an operator or person violated any provisions of the Act, permit, or regulation issued or promulgated under the Act. The Operator violated section 34-32-116(7)(g), C.R.S. and Rule 3.1.6(1).

37. Pursuant to section 34-32-124(7), C.R.S., the Board may impose a civil penalty of not less than \$50 per day nor more than \$200 per day for each day of violation. The Board may impose a civil penalty against the Operator based on 85 days of violation for a civil penalty of \$4,250 to \$17,000.

ORDER

Based on the foregoing findings of fact and conclusions of law, the Board finds the Operator in violation of section 34-32-116(7)(g), C.R.S. and Rule 3.1.6(1) for its failures to minimize disturbances to the prevailing hydrologic balance of the affected land and of the surrounding area and to the quality of water in surface systems during the mining operation and during reclamation.

The Operator shall CEASE AND DESIST any further activities underground, except those activities approved by the Division, in writing, as necessary to comply with the conditions of this Order, protect water quality, prevent damage to off-site areas, complete reclamation, or to protect public health and safety, until all of the corrective actions have been resolved to the satisfaction of the Division.

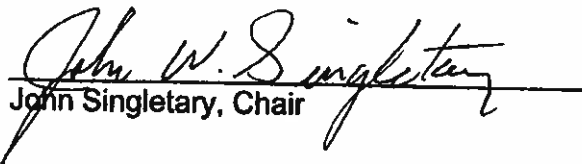
The Board imposes against Operator the following CORRECTIVE ACTIONS:
Operator shall:

1. File a Technical Revision by February 28, 2022, to modify the water management and treatment program for the site to sufficiently address all water quality issues, and provide a surface water and groundwater monitoring program that meets all applicable requirements of Rules 3.1.6, 3.1.7, 6.3.3, and 6.3.4. The Technical Revision shall be approved by the Division within 60 days of receipt, by April 28, 2022;
2. Submit, within 30 days of the effective date of this Order, an interim financial warranty in the amount of \$162,841.00 to operate any necessary water treatment system at the site (based on an estimated cost of \$6,785 per month over a 2-year period);
3. Submit, by the end of every calendar quarter, beginning with the first quarter of 2022, a written report outlining the activities undertaken at the site during the current quarter and any activities planned for the next quarter to ensure compliance with section 34-32-116(7)(g), C.R.S. and Rule 3.1.6(1). The quarterly reports shall also summarize any actions or findings of the Water Quality Control Division of the Colorado Department of Public Health and Environment regarding the site discharge permit, that were taken during the current quarter. Operator shall submit the quarterly reports until the Division issues a written notice to Operator indicating that the reports are no longer necessary; and
4. Appear at the Board's December 2022 meeting to provide a status update on the corrective actions required by this Order.

The Board imposes a CIVIL PENALTY for 85 days of violation pursuant to section 34-32-124(7), C.R.S. at \$200 per day for a total civil penalty of \$17,000. All but \$5,000 of the civil penalty is suspended if Operator timely complies with all the corrective actions set forth in this Order. The portion of the civil penalty not suspended (\$5,000), shall be due and payable within 30 days of the effective date of this Order. If Operator does not timely comply with the corrective actions set forth above, then the suspended civil penalty, in the total amount of \$12,000, shall be due and payable within 30 days of the deadline for the corrective action.

DONE AND ORDERED this 18 day of February 2022.

FOR THE COLORADO MINED LAND
RECLAMATION BOARD


John Singletary, Chair

NOTICE OF JUDICIAL REVIEW RIGHTS

This order becomes effective and final upon mailing. Any party adversely affected or aggrieved by agency action may commence an action for judicial review by filing a complaint with the district court within 35 days after the effective date of this order, pursuant to section 24-4-106, C.R.S. (2021) and the Colorado Rules of Civil Procedure. In the event that a complaint for judicial review is filed, designations of record made in accordance with section 24-4-106(6), C.R.S. should be served on the Board at: 1313 Sherman Street, Room 215, Denver, CO 80203, Attention: Camie Mojar.

CERTIFICATE OF SERVICE

This is to certify that I have duly served the within FINDINGS OF FACT,
CONCLUSIONS OF LAW, AND ORDER upon all parties herein by depositing copies of same
in the United States mail, first-class postage prepaid, at Denver, Colorado, this 18th
day of February 2022 addressed as follows:

By certified mail:

7018 2290 0001 8923 1007

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

By electronic mail:

John Henderson, Esq.
jrhcolaw@comcast.net

Daniel Takami
danieltakami@gmail.com

Ed Byrne, Esq.
edbyrne@smartlanduse.com

Gabe Racz, Esq.
gr@vrlaw.com

Patrick Delaney
pdelaney@blackfoxmining.com

Greg Miller
doctor.arsenic@gmail.com

By electronic mail to:

Amy Eschberger
Division of Reclamation, Mining & Safety
1313 Sherman Street, Room 215
Denver, CO 80203

Michael Cunningham
Division of Reclamation, Mining & Safety
1313 Sherman Street, Room 215
Denver, CO 80203

Charles J. Kooyman
Senior Assistant Attorney General
Department of Law
Business and Licensing Section
Ralph L. Carr Colorado Judicial Center
1300 Broadway, 10th floor
Denver, CO 80203

Jeff Fugate
First Assistant Attorney General
Department of Law
Natural Resources Section
Ralph L. Carr Colorado Judicial Center
1300 Broadway, 10th floor
Denver, CO 80203

Scott Schultz
Senior Assistant Attorney General
Department of Law
Natural Resources Section
Ralph L. Carr Colorado Judicial Center
1300 Broadway, 10th floor
Denver, CO 80203



Camille Mojar, Board Administrator

Exhibit B

April 28, 2022

Division of Reclamation, Mining and Safety
c/o Ms. Amy Eschberger
1001 E. 62nd Avenue
Room 215
Denver, CO 80216

Re: Request for Removal of Cease and Desist Order

Dear Ms. Eschberger:

Grand Island Resources, LLC (“GIR” or the “Operator”) hereby respectfully requests the removal of the Colorado Mined Land Reclamation Board’s (the “Board”) Cease and Desist Order and Corrective Actions Order. GIR believes that it has satisfied all the Board’s Mandated Corrective Actions.

On February 18, 2022, the Board issued to GIR its Findings of Fact, Conclusions of Law and Order (attached hereto as Appendix A) on the matter of Notice of Violation No. MV-2021-017 brought before the Board by the Division of Reclamation, Mining and Safety (“DRMS”) on December 15, 2021 regarding possible violation by the Operator, Civil Penalties, Cease and Desist Order and Corrective Actions for Failure to Minimize Disturbances to the Prevailing Hydrologic Balance, File No. M-1977-410.

The Board found GIR in violation of section 34-32-116(7)(g), C.R.S. and Rule 3.1.6(1).

GIR has addressed the Corrective Actions Mandated by the Board, as follows:

1.1. CEASE AND DESIST

BOARD ORDER: The Operator shall Cease and Desist any further activities underground, except for those activities approved by the Division, in writing, as necessary to comply with the conditions of the Order, protect water quality, prevent damage to off-site areas, complete reclamation, or to protect public health and safety, until all the corrective actions have been resolved to the satisfaction of the Division.

OPERATOR’S ACTIONS: The Operator has taken the following actions:

1.1.1. Underground Exploration and Ore Production Activities

The operator stopped all activities on November 30, 2021.

1.1.2. DRMS Approved Activities

On December 21, 2021, the Operator requested, in written form, approval from DRMS to conduct 17 specific underground activities considered by the Operator to be most pressing to comply with the intent of the Cease and Desist Order.

The Operator is in frequent communications with DRMS and continues to request approval for underground activities that are considered essential by the Operator for continued compliance with the Cease and Desist Order.

1.2. CORRECTIVE ACTIONS

1.2.1. Board Ordered Corrective Action #1 - Technical Revision Water Treatment Modifications

On February 28, 2022, the Operator filed with DRMS a Request for Technical Revision (TR-10) in response to a Service of Notice of Violation/Cease and Desist Order (Number IO-211130-1) from Colorado Department of Public Health and Environment (“CDPHE”) dated November 30, 2021, in conjunction with Permit No. M-1977-410.

TR-10 describes the Water Treatment Pilot System currently in operation at the site, including additional equipment to increase the current treatment capacity; water quality results and performance of the current system; a Ground Water Monitoring Plan (GWMP) and a Surface Water Monitoring Plan (SWP) as required by the NOV/C&D Order. In addition, measures that were taken and are further proposed at the site to address water quality baseline data collection.

DRMS issued to the Operator on March 25, 2022, a Preliminary Adequacy Review Letter (Cross Gold Mine, Permit No. M-1977-410, Technical Revision No. 10 (TR-10)). The Preliminary Adequacy Review Letter from DRMS presented 27 main topics and 29 subtopics requiring clarification and/or additional information from the Operator and, given that a decision date was set for April 28, 2022, the Operator requested an extension from DRMS (Appendix C-3).

- DRMS granted the extension to April 28, 2022, via written notification.
- The Operator submitted to DRMS its responses to the Preliminary Adequacy Review Letter on April 20, 2022.
- DRMS issued to the Operator on April 22, 2022, Adequacy Letter #2.
- The Operator submitted to DRMS its responses to Adequacy Letter # 2 on April 27, 2022.
- DRMS issued to the Operator on April 28, 2022, Adequacy Letter # 3.
- The Operator responded to DRMS’ Adequacy Letter # 3 on April 28, 2022.
- DRMS issued to the Operator on April 28, 2022, Adequacy Letter #4 wherein DRMS approved TR-10.

1.2.2. Board Mandated Corrective Action #2 -Financial Warranty to Operate the Water Treatment System

On March 16, 2022, the Operator filed with DRMS a Financial Warranty Check for Deposit in the State Treasury Form, Check No. 1025 in the amount of \$162,841.00, and Check No. 1026 for \$326,001.00 submitted by the Operator to DRMS on March 21, 2022 and April 14, 2022.

As a result of the Operator’s responses to Board Mandated Corrective Action #1, on April 28, 2022, DRMS increased the Water Treatment Financial Warranty to \$180,939.00.

By June 27, 2022, the Operator will submit to the State Treasury a check for \$18,098.00 to bond the additional Financial Warranty estimated by DRMS.

1.2.3. Board Mandated Corrective Action # 3 - Written Quarterly Report

On March 30, 2022, the Operator issued the First Quarterly Report (Q1 2022) to the Board.

1.2.4. Board Mandated Corrective Action #4 - Appear Before the MLRB – December 2022

Hearing date to be scheduled by the Board.

1.2.5. Board Order Financial Fine for Violations

On March 21, 2022, the Operator issued to DRMS a check for \$5,000.00 as payment to the Board in full satisfaction

of the ordered financial fine for the violations.

GIR remains in full compliance with its reporting with WQCD for the month of March 2022, along with the months of January 2022 and February 2022. Preliminary results from April 2022 shows GIR to be in full compliance.

GIR, its directors, management, and technical personnel appreciate the approval by DRMS of TR-10 and takes the opportunity to emphasize its commitment to the development of a mining operation that is compliant with all applicable regulatory framework. GIR's staff has been working diligently and tirelessly to address the temporary shortcomings faced by the operation. GIR has committed the necessary financial and personnel resources required to implement measures to ensure that the violations cited by the Board are remedied and that they do not occur in the future and looks forward to continuing exploring and identifying the metal resources contained within its mining district and advancing the development of GIR's mining operation.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Daniel J. Takami". The signature is fluid and cursive, with a small dot at the end.

Daniel Takami, President
Grand Island Resources, LLC

Exhibit C

May 3, 2022

Daniel Takami
Grand Island Resources LLC
12567 West Cedar Dr.
Lakewood, CO 80228

RE: Response to Request to Remove Cease and Desist Order, Cross Gold Mine, Permit No. M-1977-410

Mr. Takami:

On April 29, 2022 the Operator, Grand Island Resources, LLC (GIR), submitted a request to the Division of Reclamation, Mining and Safety (Division) to remove the Cease and Desist Order put in place by the Mined Land Reclamation Board (Board) for violation MV-2021-017. The Division has completed its review of your submittal and will deny the request to remove the Cease and Desist Order with the following comments:

1. In the second to last paragraph, GIR states they remain in full compliance with its reporting with the Water Quality Control Division (WQCD) for the month of March 2022. While it is true GIR has submitted its report to WQCD, the sample results have not been in full compliance with the discharge permit. The Division was informed by WQCD the sample results for the second half of March 2022 were not in compliance. GIR submitted to WQCD that the samples for the 2nd half of March 2022 were outliers and the result of improper sampling practices (see attached report). As far as the Division is aware, GIR did not submit the sample results including which analytes were outliers. WQCD has requested GIR submit the results so monthly averages can be calculated. The WQCD permit requires that they report all data collected regardless of circumstances. The Division is not aware of the results having been submitted yet.
2. The Division will require the operator to provide proof that sampling can be completed with consistency and in accordance with approved methods for the site for one complete quarter (April through June 2022).
3. The Division will require the operator to provide proof of compliance with the approved discharge permit for one complete quarter (April through June 2022).

At the end of June 2022, GIR may provide a demonstration of compliance with the items stated above and reconsideration for the Division to remove the Cease and Desist Order placed by the Board.



If you need additional information or have any questions, please contact me at Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at **303-866-3567 x8114**, or by email at patrick.lennberg@state.co.us.

Sincerely,



Patrick Lennberg
Environmental Protection Specialist

Attachment: Special Report Attachment, Discharge Monitoring Report for March 2022, Cross Gold Mine
CO0032751

ec: Daniel Takami, Grand Island Resources LLC
Richard Mittasch, Grand Island Resources LLC
Jared Ebert, DRMS
Amy Eschberger, DRMS

Attachments



1508 Ridge Road
Nederland, CO 80466
Phone (315) 414-6986
www.blackfoxmining.com

April 28, 2022

Permits and Enforcement Section
Water Quality Control Division
CPDHE
4300 Cherry Creek Dr. South
Denver, CO 80246-1530

**Subject: Special Report Attachment
Discharge Monitoring Report for March 2022
Cross Gold Mine C00032751**

To whom it may concern,

During the month of March 2022 there were no exceedances for the 1st half of monthly sampling at Outfall-001. These samples were taken on 3/15/2022. All of the analytes came back with expected results that have been trending well below the discharge limits since the pilot water treatment plant began running 24/7 on 1/10/2022. The 2nd half of the monthly sampling, taken on 3/25/2022, provided extremely odd and an outlier result. This report will go into the specifics of the operations, compliance results, quality assurance/quality control methods, test results since 3/25/2022, completed/future improvements and conclusion of the findings that potentially led to the outlying results.

Background/Operations

Grand Island Resources, LLC (GIR) implemented a pilot water treatment system back in November 2021. This system was run periodically over the last few weeks in November and throughout December 2021. Once the system was optimized and results were taken in December, they showed promising results. Beginning in January of 2022, the system was fully automated and began running 24/7. This allowed all water onsite to be treated to within the discharge limits set by the permit.

The system contains an influent submersible pump that is located in Pond 1 where both the Cross and Caribou source waters drain for treatment. This water is pumped to a filtration bank of four bag canister filters. The bag filters are run in parallel to remove any suspended particulate prior to active treatment. 5-mircon filters were used based on a filtration study completed in conjunction with GIR, Graver and Environmental Site Solutions. The study showcased that 5-mircon sufficed to remove the primary shows of contamination leaving the polishing step to remove the remaining metal concentrations that remained. After the filtration process, the water is fed into a pressure vessel loaded with MetSorb media. This granular media strips the water of the metals of concern: Zinc, Cadmium and Lead.

From January 10th, 2022, when the system began running 24/7, the operations process has been consistent. Additional improvements to documentation, training of personnel, automation, sampling program and mechanical equipment have been introduced to optimize the efficiency of water treatment at the site.



Compliance Results

Per the permit requirement, samples are taken twice a month for various analytes. Some of which are twice a month while others are only once due to their limited or non-detect concentrations in the source water. Beginning in the 2nd half of the month sampling for December 2021 through the March 15th, 2022 compliance samples, each report has proven the concept of the pilot treatment system. GIR has produced results that are far below the discharge limits with many of the resulting analytes coming back with non-detect values. All of the compliant data has been submitted via the NetDMR server and compiles all of the results from late December 2021 to early March 2022. These values are consistent in the remove of the contaminants listed in the permit with no exceedances present.

Quality Assurance/Quality Control (QA/QC)

As GIR implemented the pilot water treatment system at the site, numerous source water, influent to the water treatment plant (WTP), post filtration, and post Metsorb media were taken to ensure the system was performing per design. This not only enabled a vast database of historic data to improve operation of the system but allowed trending of performance based on various factors whether that be pressure differential across the bag canister filters or increased flow from one source water or another. The treatment system proved to handle multiple variations in operational conditions. Table 1 shows the internal sampling that was completed as part of the QA/QC program.

Table 1: QA/QC Results

| Sample | Sampled | Analyte | Result | Units | Type |
|--------------|---------------|---------------------|--------|-------|------|
| 280-157649-1 | 1/12/22 10:30 | Chromium, trivalent | ND | mg/L | TR |
| 280-157649-1 | 1/12/22 10:30 | Iron | ND | ug/L | TR |
| 280-157649-1 | 1/12/22 10:30 | Arsenic | ND | ug/L | TR |
| 280-157649-1 | 1/12/22 10:30 | Cadmium | ND | ug/L | TR |
| 280-157649-1 | 1/12/22 10:30 | Chromium | ND | ug/L | TR |
| 280-157649-1 | 1/12/22 10:30 | Copper | ND | ug/L | TR |
| 280-157649-1 | 1/12/22 10:30 | Lead | 0.72 | ug/L | TR |



| | | | | | |
|--------------|---------------|-----------------------------|------|-----------|-----|
| 280-157649-1 | 1/12/22 10:30 | Zinc | 2.4 | ug/L | TR |
| 280-157649-1 | 1/12/22 10:30 | Chromium, hexavalent | ND | mg/L | Tot |
| 280-157649-1 | 1/12/22 10:30 | Specific Conductance | 230 | umhos/cm | Tot |
| 280-157649-1 | 1/12/22 10:30 | Mercury | ND | ug/L | Tot |
| 280-157649-1 | 1/12/22 10:30 | Mercury | 3.1 | ng/L | Tot |
| 280-157649-1 | 1/12/22 10:30 | pH adj. to 25 deg C | 7.7 | SU | Tot |
| 280-157649-1 | 1/12/22 10:30 | Temperature | 21.9 | Degrees C | Tot |
| 280-157649-1 | 1/12/22 10:30 | T Suspended Solids | 6 | mg/L | Tot |
| 280-157649-1 | 1/12/22 10:30 | Sulfide | ND | mg/L | Tot |
| 280-157649-1 | 1/12/22 10:30 | Un-ionized Hydrogen Sulfide | ND | mg/L | Tot |
| 280-157649-1 | 1/12/22 10:30 | Field pH | 7.7 | SU | Tot |
| 280-157649-1 | 1/12/22 10:30 | Field Temperature | 22 | Celsius | Tot |
| 280-157649-1 | 1/12/22 10:30 | Specific Conductance | 230 | umhos/cm | Tot |
| 280-157649-1 | 1/12/22 10:30 | Sulfide | ND | mg/L | Tot |
| 280-157649-1 | 1/12/22 10:30 | Chromium, trivalent (D) | ND | mg/L | PD |
| 280-157649-1 | 1/12/22 10:30 | Cadmium | ND | ug/L | PD |
| 280-157649-1 | 1/12/22 10:30 | Copper | 0.79 | ug/L | PD |
| 280-157649-1 | 1/12/22 10:30 | Lead | 0.77 | ug/L | PD |



| | | | | | |
|--------------|---------------|----------------------|------|------|----|
| 280-157649-1 | 1/12/22 10:30 | Silver | ND | ug/L | PD |
| 280-157649-1 | 1/12/22 10:30 | Zinc | 8.2 | ug/L | PD |
| 280-157649-1 | 1/12/22 10:30 | Nickel | ND | ug/L | PD |
| 280-157649-1 | 1/12/22 10:30 | Arsenic | ND | ug/L | PD |
| 280-157649-1 | 1/12/22 10:30 | Selenium | ND | ug/L | PD |
| 280-157649-1 | 1/12/22 10:30 | Manganese | ND | ug/L | PD |
| 280-157649-1 | 1/12/22 10:30 | Chromium | ND | ug/L | PD |
| 280-157649-1 | 1/12/22 10:30 | Chromium, hexavalent | ND | mg/L | D |
| 280-157760-2 | 1/13/22 9:45 | Cadmium | ND | ug/L | PD |
| 280-157760-2 | 1/13/22 9:45 | Copper | 0.73 | ug/L | PD |
| 280-157760-2 | 1/13/22 9:45 | Lead | 0.39 | ug/L | PD |
| 280-157760-2 | 1/13/22 9:45 | Silver | ND | ug/L | PD |
| 280-157760-2 | 1/13/22 9:45 | Zinc | 11 | ug/L | PD |
| 280-157760-2 | 1/13/22 9:45 | Cadmium | ND | ug/L | TR |
| 280-157760-2 | 1/13/22 9:45 | Copper | ND | ug/L | TR |
| 280-157760-2 | 1/13/22 9:45 | Lead | 0.49 | ug/L | TR |
| 280-157760-2 | 1/13/22 9:45 | Zinc | ND | ug/L | TR |
| 280-157760-4 | 1/14/22 8:45 | Cadmium | ND | ug/L | PD |



| | | | | | |
|--------------|---------------|---------|------|------|----|
| 280-157760-4 | 1/14/22 8:45 | Copper | ND | ug/L | PD |
| 280-157760-4 | 1/14/22 8:45 | Lead | 0.35 | ug/L | PD |
| 280-157760-4 | 1/14/22 8:45 | Silver | ND | ug/L | PD |
| 280-157760-4 | 1/14/22 8:45 | Zinc | 6.4 | ug/L | PD |
| 280-157760-4 | 1/14/22 8:45 | Cadmium | ND | ug/L | TR |
| 280-157760-4 | 1/14/22 8:45 | Copper | ND | ug/L | TR |
| 280-157760-4 | 1/14/22 8:45 | Lead | 0.43 | ug/L | TR |
| 280-157760-4 | 1/14/22 8:45 | Zinc | ND | ug/L | TR |
| 280-157829-4 | 1/17/22 15:15 | Cadmium | ND | ug/L | PD |
| 280-157829-4 | 1/17/22 15:15 | Copper | 0.76 | ug/L | PD |
| 280-157829-4 | 1/17/22 15:15 | Lead | 0.48 | ug/L | PD |
| 280-157829-4 | 1/17/22 15:15 | Silver | ND | ug/L | PD |
| 280-157829-4 | 1/17/22 15:15 | Zinc | 11 | ug/L | PD |
| 280-157829-4 | 1/17/22 15:15 | Cadmium | ND | ug/L | TR |
| 280-157829-4 | 1/17/22 15:15 | Copper | ND | ug/L | TR |
| 280-157829-4 | 1/17/22 15:15 | Lead | 0.45 | ug/L | TR |
| 280-157829-4 | 1/17/22 15:15 | Zinc | 2 | ug/L | TR |
| 280-157829-2 | 1/18/22 11:00 | Cadmium | ND | ug/L | PD |



| | | | | | |
|--------------|---------------|---------|-------|------|----|
| 280-157829-2 | 1/18/22 11:00 | Copper | ND | ug/L | PD |
| 280-157829-2 | 1/18/22 11:00 | Lead | 0.45 | ug/L | PD |
| 280-157829-2 | 1/18/22 11:00 | Silver | 0.048 | ug/L | PD |
| 280-157829-2 | 1/18/22 11:00 | Zinc | 4.8 | ug/L | PD |
| 280-157829-2 | 1/18/22 11:00 | Cadmium | ND | ug/L | TR |
| 280-157829-2 | 1/18/22 11:00 | Copper | ND | ug/L | TR |
| 280-157829-2 | 1/18/22 11:00 | Lead | 0.47 | ug/L | TR |
| 280-157829-2 | 1/18/22 11:00 | Zinc | ND | ug/L | TR |
| 280-157953-2 | 1/19/22 12:30 | Cadmium | ND | ug/L | PD |
| 280-157953-2 | 1/19/22 12:30 | Copper | ND | ug/L | PD |
| 280-157953-2 | 1/19/22 12:30 | Lead | 0.38 | ug/L | PD |
| 280-157953-2 | 1/19/22 12:30 | Silver | ND | ug/L | PD |
| 280-157953-2 | 1/19/22 12:30 | Zinc | 24 | ug/L | PD |
| 280-157953-2 | 1/19/22 12:30 | Cadmium | ND | ug/L | TR |
| 280-157953-2 | 1/19/22 12:30 | Copper | ND | ug/L | TR |
| 280-157953-2 | 1/19/22 12:30 | Lead | 0.49 | ug/L | TR |
| 280-157953-2 | 1/19/22 12:30 | Zinc | 4.6 | ug/L | TR |
| 280-157953-4 | 1/20/22 10:10 | Cadmium | ND | ug/L | PD |



| | | | | | |
|--------------|---------------|---------|------|------|----|
| 280-157953-4 | 1/20/22 10:10 | Copper | 1.1 | ug/L | PD |
| 280-157953-4 | 1/20/22 10:10 | Lead | 1.2 | ug/L | PD |
| 280-157953-4 | 1/20/22 10:10 | Silver | ND | ug/L | PD |
| 280-157953-4 | 1/20/22 10:10 | Zinc | 12 | ug/L | PD |
| 280-157953-4 | 1/20/22 10:10 | Cadmium | ND | ug/L | TR |
| 280-157953-4 | 1/20/22 10:10 | Copper | ND | ug/L | TR |
| 280-157953-4 | 1/20/22 10:10 | Lead | 0.48 | ug/L | TR |
| 280-157953-4 | 1/20/22 10:10 | Zinc | 5 | ug/L | TR |
| 280-157953-6 | 1/21/22 8:30 | Cadmium | ND | ug/L | PD |
| 280-157953-6 | 1/21/22 8:30 | Copper | 0.71 | ug/L | PD |
| 280-157953-6 | 1/21/22 8:30 | Lead | 0.37 | ug/L | PD |
| 280-157953-6 | 1/21/22 8:30 | Silver | ND | ug/L | PD |
| 280-157953-6 | 1/21/22 8:30 | Zinc | 15 | ug/L | PD |
| 280-157953-6 | 1/21/22 8:30 | Cadmium | ND | ug/L | TR |
| 280-157953-6 | 1/21/22 8:30 | Copper | ND | ug/L | TR |
| 280-157953-6 | 1/21/22 8:30 | Lead | 0.54 | ug/L | TR |
| 280-157953-6 | 1/21/22 8:30 | Zinc | 6.8 | ug/L | TR |
| 280-158125-2 | 1/24/22 9:25 | Cadmium | ND | ug/L | PD |



| | | | | | |
|--------------|--------------|---------|------|------|----|
| 280-158125-2 | 1/24/22 9:25 | Copper | 1 | ug/L | PD |
| 280-158125-2 | 1/24/22 9:25 | Lead | 0.65 | ug/L | PD |
| 280-158125-2 | 1/24/22 9:25 | Silver | ND | ug/L | PD |
| 280-158125-2 | 1/24/22 9:25 | Zinc | 16 | ug/L | PD |
| 280-158125-2 | 1/24/22 9:25 | Cadmium | ND | ug/L | TR |
| 280-158125-2 | 1/24/22 9:25 | Copper | ND | ug/L | TR |
| 280-158125-2 | 1/24/22 9:25 | Lead | 0.37 | ug/L | TR |
| 280-158125-2 | 1/24/22 9:25 | Zinc | ND | ug/L | TR |
| 280-158125-4 | 1/25/22 9:50 | Cadmium | ND | ug/L | PD |
| 280-158125-4 | 1/25/22 9:50 | Copper | ND | ug/L | PD |
| 280-158125-4 | 1/25/22 9:50 | Lead | 0.93 | ug/L | PD |
| 280-158125-4 | 1/25/22 9:50 | Silver | ND | ug/L | PD |
| 280-158125-4 | 1/25/22 9:50 | Zinc | 7.5 | ug/L | PD |
| 280-158125-4 | 1/25/22 9:50 | Cadmium | ND | ug/L | TR |
| 280-158125-4 | 1/25/22 9:50 | Copper | ND | ug/L | TR |
| 280-158125-4 | 1/25/22 9:50 | Lead | 0.86 | ug/L | TR |
| 280-158125-4 | 1/25/22 9:50 | Zinc | 3.6 | ug/L | TR |
| 280-158125-6 | 1/26/22 8:00 | Cadmium | ND | ug/L | PD |



| | | | | | |
|--------------|---------------|---------|------|------|----|
| 280-158125-6 | 1/26/22 8:00 | Copper | ND | ug/L | PD |
| 280-158125-6 | 1/26/22 8:00 | Lead | 0.75 | ug/L | PD |
| 280-158125-6 | 1/26/22 8:00 | Silver | ND | ug/L | PD |
| 280-158125-6 | 1/26/22 8:00 | Zinc | 15 | ug/L | PD |
| 280-158125-6 | 1/26/22 8:00 | Cadmium | ND | ug/L | TR |
| 280-158125-6 | 1/26/22 8:00 | Copper | ND | ug/L | TR |
| 280-158125-6 | 1/26/22 8:00 | Lead | 0.7 | ug/L | TR |
| 280-158125-6 | 1/26/22 8:00 | Zinc | 5.3 | ug/L | TR |
| 280-158235-2 | 1/28/22 8:45 | Cadmium | ND | ug/L | PD |
| 280-158235-2 | 1/28/22 8:45 | Copper | 1.3 | ug/L | PD |
| 280-158235-2 | 1/28/22 8:45 | Lead | 0.91 | ug/L | PD |
| 280-158235-2 | 1/28/22 8:45 | Silver | 0.09 | ug/L | PD |
| 280-158235-2 | 1/28/22 8:45 | Zinc | 12 | ug/L | PD |
| 280-158235-2 | 1/28/22 8:45 | Cadmium | ND | ug/L | TR |
| 280-158235-2 | 1/28/22 8:45 | Copper | 0.81 | ug/L | TR |
| 280-158235-2 | 1/28/22 8:45 | Lead | 0.58 | ug/L | TR |
| 280-158235-2 | 1/28/22 8:45 | Zinc | 4.6 | ug/L | TR |
| 280-158295-3 | 1/31/22 15:30 | Cadmium | ND | ug/L | PD |



| | | | | | |
|--------------|---------------|----------|------|------|----|
| 280-158295-3 | 1/31/22 15:30 | Copper | ND | ug/L | PD |
| 280-158295-3 | 1/31/22 15:30 | Lead | 0.8 | ug/L | PD |
| 280-158295-3 | 1/31/22 15:30 | Silver | ND | ug/L | PD |
| 280-158295-3 | 1/31/22 15:30 | Zinc | 8.9 | ug/L | PD |
| 280-158295-3 | 1/31/22 15:30 | Arsenic | ND | ug/L | TR |
| 280-158295-3 | 1/31/22 15:30 | Chromium | ND | ug/L | TR |
| 280-158295-3 | 1/31/22 15:30 | Cadmium | 0.1 | ug/L | TR |
| 280-158295-3 | 1/31/22 15:30 | Copper | 0.72 | ug/L | TR |
| 280-158295-3 | 1/31/22 15:30 | Lead | 0.64 | ug/L | TR |
| 280-158295-3 | 1/31/22 15:30 | Zinc | 4.4 | ug/L | TR |
| 280-158295-6 | 2/1/22 9:25 | Arsenic | ND | ug/L | TR |
| 280-158295-6 | 2/1/22 9:25 | Cadmium | ND | ug/L | TR |
| 280-158295-6 | 2/1/22 9:25 | Chromium | ND | ug/L | TR |
| 280-158295-6 | 2/1/22 9:25 | Copper | ND | ug/L | TR |
| 280-158295-6 | 2/1/22 9:25 | Lead | 0.55 | ug/L | TR |
| 280-158295-6 | 2/1/22 9:25 | Zinc | 3.3 | ug/L | TR |
| 280-158295-6 | 2/1/22 9:25 | Cadmium | ND | ug/L | PD |
| 280-158295-6 | 2/1/22 9:25 | Copper | ND | ug/L | PD |



| | | | | | |
|--------------|--------------|---------|------|------|----|
| 280-158295-6 | 2/1/22 9:25 | Lead | 0.59 | ug/L | PD |
| 280-158295-6 | 2/1/22 9:25 | Silver | ND | ug/L | PD |
| 280-158295-6 | 2/1/22 9:25 | Zinc | 13 | ug/L | PD |
| 280-158386-2 | 2/2/22 15:20 | Cadmium | ND | ug/L | PD |
| 280-158386-2 | 2/2/22 15:20 | Copper | ND | ug/L | PD |
| 280-158386-2 | 2/2/22 15:20 | Lead | 0.5 | ug/L | PD |
| 280-158386-2 | 2/2/22 15:20 | Silver | ND | ug/L | PD |
| 280-158386-2 | 2/2/22 15:20 | Zinc | 5.7 | ug/L | PD |
| 280-158386-2 | 2/2/22 15:20 | Cadmium | 0.11 | ug/L | TR |
| 280-158386-2 | 2/2/22 15:20 | Copper | 0.87 | ug/L | TR |
| 280-158386-2 | 2/2/22 15:20 | Lead | 0.58 | ug/L | TR |
| 280-158386-2 | 2/2/22 15:20 | Zinc | ND | ug/L | TR |
| 280-158386-5 | 2/3/22 11:40 | Cadmium | 0.12 | ug/L | PD |
| 280-158386-5 | 2/3/22 11:40 | Copper | ND | ug/L | PD |
| 280-158386-5 | 2/3/22 11:40 | Lead | 0.68 | ug/L | PD |
| 280-158386-5 | 2/3/22 11:40 | Silver | ND | ug/L | PD |
| 280-158386-5 | 2/3/22 11:40 | Zinc | 6.9 | ug/L | PD |
| 280-158386-5 | 2/3/22 11:40 | Cadmium | ND | ug/L | TR |



| | | | | | |
|---------------|--------------|---------|------|------|----|
| 280-158386-5 | 2/3/22 11:40 | Copper | 2.7 | ug/L | TR |
| 280-158386-5 | 2/3/22 11:40 | Lead | 0.77 | ug/L | TR |
| 280-158386-5 | 2/3/22 11:40 | Zinc | 4 | ug/L | TR |
| 280-158386-9 | 2/4/22 8:15 | Cadmium | ND | ug/L | TR |
| 280-158386-9 | 2/4/22 8:15 | Copper | ND | ug/L | TR |
| 280-158386-9 | 2/4/22 8:15 | Lead | 1.9 | ug/L | TR |
| 280-158386-9 | 2/4/22 8:15 | Zinc | ND | ug/L | TR |
| 280-158386-9 | 2/4/22 8:15 | Cadmium | ND | ug/L | PD |
| 280-158386-9 | 2/4/22 8:15 | Copper | 0.84 | ug/L | PD |
| 280-158386-9 | 2/4/22 8:15 | Lead | 0.43 | ug/L | PD |
| 280-158386-9 | 2/4/22 8:15 | Silver | ND | ug/L | PD |
| 280-158386-9 | 2/4/22 8:15 | Zinc | 5.4 | ug/L | PD |
| 280-158386-10 | 2/4/22 9:50 | Cadmium | ND | ug/L | TR |
| 280-158386-10 | 2/4/22 9:50 | Copper | ND | ug/L | TR |
| 280-158386-10 | 2/4/22 9:50 | Lead | 0.79 | ug/L | TR |
| 280-158386-10 | 2/4/22 9:50 | Zinc | ND | ug/L | TR |
| 280-158386-10 | 2/4/22 9:50 | Cadmium | ND | ug/L | PD |
| 280-158386-10 | 2/4/22 9:50 | Copper | 1.1 | ug/L | PD |



| | | | | | |
|---------------|---------------|----------------------|--------|-----------|-----|
| 280-158386-10 | 2/4/22 9:50 | Lead | 0.7 | ug/L | PD |
| 280-158386-10 | 2/4/22 9:50 | Silver | ND | ug/L | PD |
| 280-158386-10 | 2/4/22 9:50 | Zinc | 7.6 | ug/L | PD |
| 280-158763-1 | 2/15/22 12:30 | Chromium, trivalent | ND | mg/L | TR |
| 280-158763-1 | 2/15/22 12:30 | Iron | ND | ug/L | TR |
| 280-158763-1 | 2/15/22 12:30 | Arsenic | ND | ug/L | TR |
| 280-158763-1 | 2/15/22 12:30 | Cadmium | 0.19 | ug/L | TR |
| 280-158763-1 | 2/15/22 12:30 | Chromium | ND | ug/L | TR |
| 280-158763-1 | 2/15/22 12:30 | Copper | ND | ug/L | TR |
| 280-158763-1 | 2/15/22 12:30 | Lead | 0.9 | ug/L | TR |
| 280-158763-1 | 2/15/22 12:30 | Zinc | 10 | ug/L | TR |
| 280-158763-1 | 2/15/22 12:30 | Chromium, hexavalent | 0.0049 | mg/L | Tot |
| 280-158763-1 | 2/15/22 12:30 | Specific Conductance | 240 | umhos/cm | Tot |
| 280-158763-1 | 2/15/22 12:30 | Mercury | ND | ug/L | Tot |
| 280-158763-1 | 2/15/22 12:30 | Mercury | 3.2 | ng/L | Tot |
| 280-158763-1 | 2/15/22 12:30 | pH adj. to 25 deg C | 8 | SU | Tot |
| 280-158763-1 | 2/15/22 12:30 | Temperature | 21.4 | Degrees C | Tot |
| 280-158763-1 | 2/15/22 12:30 | T Suspended Solids | ND | mg/L | Tot |



| | | | | | |
|--------------|---------------|-----------------------------|--------|----------|-----|
| 280-158763-1 | 2/15/22 12:30 | Sulfide | ND | mg/L | Tot |
| 280-158763-1 | 2/15/22 12:30 | Un-ionized Hydrogen Sulfide | ND | mg/L | Tot |
| 280-158763-1 | 2/15/22 12:30 | Field pH | 8 | SU | Tot |
| 280-158763-1 | 2/15/22 12:30 | Field Temperature | 21 | Celsius | Tot |
| 280-158763-1 | 2/15/22 12:30 | Specific Conductance | 240 | umhos/cm | Tot |
| 280-158763-1 | 2/15/22 12:30 | Sulfide | ND | mg/L | Tot |
| 280-158763-1 | 2/15/22 12:30 | Chromium, trivalent (D) | ND | mg/L | PD |
| 280-158763-1 | 2/15/22 12:30 | Arsenic | ND | ug/L | PD |
| 280-158763-1 | 2/15/22 12:30 | Cadmium | ND | ug/L | PD |
| 280-158763-1 | 2/15/22 12:30 | Chromium | ND | ug/L | PD |
| 280-158763-1 | 2/15/22 12:30 | Copper | ND | ug/L | PD |
| 280-158763-1 | 2/15/22 12:30 | Lead | 0.86 | ug/L | PD |
| 280-158763-1 | 2/15/22 12:30 | Manganese | 4.7 | ug/L | PD |
| 280-158763-1 | 2/15/22 12:30 | Nickel | ND | ug/L | PD |
| 280-158763-1 | 2/15/22 12:30 | Selenium | ND | ug/L | PD |
| 280-158763-1 | 2/15/22 12:30 | Silver | ND | ug/L | PD |
| 280-158763-1 | 2/15/22 12:30 | Zinc | 16 | ug/L | PD |
| 280-158763-1 | 2/15/22 12:30 | Chromium, hexavalent | 0.0051 | mg/L | D |



| | | | | | |
|--------------|---------------|------------------------|-------|----------|----------|
| 280-159154-1 | 2/28/22 11:15 | Copper | ND | ug/L | TR |
| 280-159154-1 | 2/28/22 11:15 | Lead | 0.86 | ug/L | TR |
| 280-159154-1 | 2/28/22 11:15 | Cadmium | ND | ug/L | PD |
| 280-159154-1 | 2/28/22 11:15 | Copper | 1.3 | ug/L | PD |
| 280-159154-1 | 2/28/22 11:15 | Lead | 3.3 | ug/L | PD |
| 280-159154-1 | 2/28/22 11:15 | Silver | 0.056 | ug/L | PD |
| 280-159154-1 | 2/28/22 11:15 | Zinc | 12 | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Iron | 23 | ug/L | TR |
| 280-159720-1 | 3/15/22 12:00 | Arsenic | ND | ug/L | TR |
| 280-159720-1 | 3/15/22 12:00 | Cadmium | 0.19 | ug/L | TR |
| 280-159720-1 | 3/15/22 12:00 | Chromium | ND | ug/L | TR |
| 280-159720-1 | 3/15/22 12:00 | Copper | 0.84 | ug/L | TR |
| 280-159720-1 | 3/15/22 12:00 | Lead | 0.95 | ug/L | TR |
| 280-159720-1 | 3/15/22 12:00 | Zinc | 22 | ug/L | TR |
| 280-159720-1 | 3/15/22 12:00 | Chromium, trivalent | ND | mg/L | TR |
| 280-159720-1 | 3/15/22 12:00 | Mercury | ND | ug/L | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Specific Conductance | 230 | umhos/cm | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Total Suspended Solids | ND | mg/L | Total/NA |



| | | | | | |
|--------------|---------------|-----------------------------|------|-----------|----------|
| 280-159720-1 | 3/15/22 12:00 | Chromium, hexavalent | 0.01 | mg/L | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | pH adj. to 25 deg C | 7.3 | SU | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Temperature | 21.8 | Degrees C | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Sulfide | ND | mg/L | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Un-ionized Hydrogen Sulfide | ND | mg/L | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Field pH | 7.3 | SU | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Field Temperature | 22 | Celsius | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Specific Conductance | 230 | umhos/cm | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Sulfide | ND | mg/L | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Arsenic | ND | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Cadmium | ND | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Chromium | ND | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Copper | ND | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Lead | 0.98 | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Manganese | 12 | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Nickel | 0.56 | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Selenium | ND | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Silver | ND | ug/L | PD |



| | | | | | |
|--------------|---------------|---------------------------------|------|-----------|----------|
| 280-159720-1 | 3/15/22 12:00 | Zinc | 31 | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Chromium, trivalent (dissolved) | ND | mg/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Chromium, hexavalent | ND | mg/L | D |
| 280-159720-1 | 3/15/22 12:00 | Iron | 23 | ug/L | TR |
| 280-159720-1 | 3/15/22 12:00 | Arsenic | ND | ug/L | TR |
| 280-159720-1 | 3/15/22 12:00 | Cadmium | 0.19 | ug/L | TR |
| 280-159720-1 | 3/15/22 12:00 | Chromium | ND | ug/L | TR |
| 280-159720-1 | 3/15/22 12:00 | Copper | 0.84 | ug/L | TR |
| 280-159720-1 | 3/15/22 12:00 | Lead | 0.95 | ug/L | TR |
| 280-159720-1 | 3/15/22 12:00 | Zinc | 22 | ug/L | TR |
| 280-159720-1 | 3/15/22 12:00 | Chromium, trivalent | ND | mg/L | TR |
| 280-159720-1 | 3/15/22 12:00 | Mercury | ND | ug/L | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Specific Conductance | 230 | umhos/cm | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Total Suspended Solids | ND | mg/L | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Chromium, hexavalent | 0.01 | mg/L | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | pH adj. to 25 deg C | 7.3 | SU | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Temperature | 21.8 | Degrees C | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Sulfide | ND | mg/L | Total/NA |



| | | | | | |
|--------------|---------------|---------------------------------|------|----------|----------|
| 280-159720-1 | 3/15/22 12:00 | Un-ionized Hydrogen Sulfide | ND | mg/L | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Field pH | 7.3 | SU | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Field Temperature | 22 | Celsius | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Specific Conductance | 230 | umhos/cm | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Sulfide | ND | mg/L | Total/NA |
| 280-159720-1 | 3/15/22 12:00 | Arsenic | ND | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Cadmium | ND | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Chromium | ND | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Copper | ND | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Lead | 0.98 | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Manganese | 12 | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Nickel | 0.56 | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Selenium | ND | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Silver | ND | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Zinc | 31 | ug/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Chromium, trivalent (dissolved) | ND | mg/L | PD |
| 280-159720-1 | 3/15/22 12:00 | Chromium, hexavalent | ND | mg/L | D |



Results Since 3/25/2022

GIR learned of the outlying data results on 4/6/2022. Due to the obscure results not within the consistent datasets that had been documented over the previous months, multiple laboratories were contacted that could provide the same analytical methods for the metals of concern with a rush turnaround. Bottle orders were placed and an aggressive sampling program was implemented starting on 4/9/2022. Seacrest and Colorado Analytical were chosen as the additionally laboratories. Table 2 lists the analytical results received from the accelerated testing. Each result is below the discharge limits.

| Sample | Sampled | Analyte | Result | Units | Type |
|--------------|--------------|---------|--------|-------|------|
| 220411007-02 | 4/9/22 15:00 | Cadmium | 0.1 | ug/L | PD |
| 220411007-02 | 4/9/22 15:00 | Copper | 1.5 | ug/L | PD |
| 220411007-02 | 4/9/22 15:00 | Lead | 2 | ug/L | PD |
| 220411007-02 | 4/9/22 15:00 | Silver | ND | ug/L | PD |
| 220411007-02 | 4/9/22 15:00 | Zinc | 14 | ug/L | PD |
| 220411007-02 | 4/9/22 15:00 | Copper | 1.5 | ug/L | TR |
| 220411007-02 | 4/9/22 15:00 | Lead | 2.4 | ug/L | TR |
| 422155.A | 4/9/22 15:00 | Cadmium | ND | ug/L | PD |
| 422155.A | 4/9/22 15:00 | Copper | 4.21 | ug/L | Tot |
| 422155.A | 4/9/22 15:00 | Copper | ND | ug/L | PD |
| 422155.A | 4/9/22 15:00 | Lead | 1.79 | ug/L | Tot |
| 422155.A | 4/9/22 15:00 | Lead | 1.01 | ug/L | PD |
| 422155.A | 4/9/22 15:00 | Silver | ND | ug/L | PD |



| | | | | | |
|--------------|---------------|---------|------|------|-----|
| 422155.A | 4/9/22 15:00 | Zinc | ND | ug/L | PD |
| 220411007-03 | 4/10/22 15:00 | Cadmium | ND | ug/L | PD |
| 220411007-03 | 4/10/22 15:00 | Copper | 1.5 | ug/L | PD |
| 220411007-03 | 4/10/22 15:00 | Lead | 2.4 | ug/L | PD |
| 220411007-03 | 4/10/22 15:00 | Silver | ND | ug/L | PD |
| 220411007-03 | 4/10/22 15:00 | Zinc | 13 | ug/L | PD |
| 220411007-03 | 4/10/22 15:00 | Copper | 2 | ug/L | TR |
| 220411007-03 | 4/10/22 15:00 | Lead | 2.4 | ug/L | TR |
| 422156.A | 4/10/22 15:00 | Cadmium | ND | ug/L | PD |
| 422156.A | 4/10/22 15:00 | Copper | 4.26 | ug/L | Tot |
| 422156.A | 4/10/22 15:00 | Copper | 4.1 | ug/L | PD |
| 422156.A | 4/10/22 15:00 | Lead | 0.71 | ug/L | Tot |
| 422156.A | 4/10/22 15:00 | Lead | 1.3 | ug/L | PD |
| 422156.A | 4/10/22 15:00 | Silver | ND | ug/L | PD |
| 422156.A | 4/10/22 15:00 | Zinc | 4.94 | ug/L | PD |
| 422157.A | 4/11/22 15:00 | Cadmium | 0.21 | ug/L | PD |
| 422157.A | 4/11/22 15:00 | Copper | 1.7 | ug/L | Tot |
| 422157.A | 4/11/22 15:00 | Copper | 2.53 | ug/L | PD |



| | | | | | |
|--------------|---------------|---------|------|------|-----|
| 422157.A | 4/11/22 15:00 | Lead | 1.9 | ug/L | Tot |
| 422157.A | 4/11/22 15:00 | Lead | 1.72 | ug/L | PD |
| 422157.A | 4/11/22 15:00 | Silver | ND | ug/L | PD |
| 422157.A | 4/11/22 15:00 | Zinc | ND | ug/L | PD |
| 220412013-01 | 4/11/22 15:00 | Cadmium | 0.1 | ug/L | PD |
| 220412013-01 | 4/11/22 15:00 | Copper | 2.2 | ug/L | PD |
| 220412013-01 | 4/11/22 15:00 | Lead | 3.8 | ug/L | PD |
| 220412013-01 | 4/11/22 15:00 | Silver | ND | ug/L | PD |
| 220412013-01 | 4/11/22 15:00 | Zinc | 17 | ug/L | PD |
| 220412013-01 | 4/11/22 15:00 | Copper | 2.3 | ug/L | TR |
| 220412013-01 | 4/11/22 15:00 | Lead | 3.9 | ug/L | TR |
| 422158.A | 4/12/22 15:00 | Cadmium | ND | ug/L | PD |
| 422158.A | 4/12/22 15:00 | Copper | 0.6 | ug/L | Tot |
| 422158.A | 4/12/22 15:00 | Copper | ND | ug/L | PD |
| 422158.A | 4/12/22 15:00 | Lead | ND | ug/L | Tot |
| 422158.A | 4/12/22 15:00 | Lead | ND | ug/L | PD |
| 422158.A | 4/12/22 15:00 | Silver | ND | ug/L | PD |
| 422158.A | 4/12/22 15:00 | Zinc | ND | ug/L | PD |



| | | | | | |
|---------------|---------------|---------|-----|------|----|
| 220413035-01 | 4/12/22 15:00 | Cadmium | ND | ug/L | PD |
| 220413035-01 | 4/12/22 15:00 | Copper | 1.1 | ug/L | PD |
| 220413035-01 | 4/12/22 15:00 | Lead | 1.1 | ug/L | PD |
| 220413035-01 | 4/12/22 15:00 | Silver | ND | ug/L | PD |
| 220413035-01 | 4/12/22 15:00 | Zinc | 2 | ug/L | PD |
| 220413035-01A | 4/12/22 15:00 | Copper | 1.2 | ug/L | TR |
| 220413035-01A | 4/12/22 15:00 | Lead | 1.1 | ug/L | TR |
| 220414066-01 | 4/13/22 15:10 | Cadmium | ND | ug/L | PD |
| 220414066-01 | 4/13/22 15:10 | Copper | 0.9 | ug/L | PD |
| 220414066-01 | 4/13/22 15:10 | Lead | 1.1 | ug/L | PD |
| 220414066-01 | 4/13/22 15:10 | Silver | ND | ug/L | PD |
| 220414066-01 | 4/13/22 15:10 | Zinc | 2 | ug/L | PD |
| 220414066-01A | 4/13/22 15:10 | Copper | 1 | ug/L | TR |
| 220414066-01A | 4/13/22 15:10 | Lead | 1.1 | ug/L | TR |
| 220415003-01 | 4/14/22 15:00 | Cadmium | ND | ug/L | PD |
| 220415003-01 | 4/14/22 15:00 | Copper | 0.8 | ug/L | PD |
| 220415003-01 | 4/14/22 15:00 | Lead | 0.9 | ug/L | PD |
| 220415003-01 | 4/14/22 15:00 | Silver | ND | ug/L | PD |



| | | | | | |
|---------------|---------------|---------|------|------|-----|
| 220415003-01 | 4/14/22 15:00 | Zinc | ND | ug/L | PD |
| 220415003-01A | 4/14/22 15:00 | Copper | 0.8 | ug/L | TR |
| 220415003-01A | 4/14/22 15:00 | Lead | 0.9 | ug/L | TR |
| 422168.A | 4/14/22 15:00 | Cadmium | ND | ug/L | PD |
| 422168.A | 4/14/22 15:00 | Copper | 0.45 | ug/L | Tot |
| 422168.A | 4/14/22 15:00 | Copper | 2.77 | ug/L | PD |
| 422168.A | 4/14/22 15:00 | Lead | 0.6 | ug/L | Tot |
| 422168.A | 4/14/22 15:00 | Lead | 0.32 | ug/L | PD |
| 422168.A | 4/14/22 15:00 | Silver | 0.28 | ug/L | PD |
| 422168.A | 4/14/22 15:00 | Zinc | ND | ug/L | PD |
| 220418032-01 | 4/15/22 15:00 | Cadmium | ND | ug/L | PD |
| 220418032-01 | 4/15/22 15:00 | Copper | ND | ug/L | PD |
| 220418032-01 | 4/15/22 15:00 | Lead | 0.8 | ug/L | PD |
| 220418032-01 | 4/15/22 15:00 | Silver | ND | ug/L | PD |
| 220418032-01 | 4/15/22 15:00 | Zinc | ND | ug/L | PD |
| 220418032-01 | 4/15/22 15:00 | Copper | 0.9 | ug/L | TR |
| 220418032-01 | 4/15/22 15:00 | Lead | 0.8 | ug/L | TR |
| 422169.A | 4/15/22 15:00 | Cadmium | ND | ug/L | PD |



| | | | | | |
|--------------|---------------|---------|------|------|-----|
| 422169.A | 4/15/22 15:00 | Copper | 0.78 | ug/L | Tot |
| 422169.A | 4/15/22 15:00 | Copper | 0.79 | ug/L | PD |
| 422169.A | 4/15/22 15:00 | Lead | 0.71 | ug/L | Tot |
| 422169.A | 4/15/22 15:00 | Lead | 0.68 | ug/L | PD |
| 422169.A | 4/15/22 15:00 | Silver | ND | ug/L | PD |
| 422169.A | 4/15/22 15:00 | Zinc | ND | ug/L | PD |
| 220418032-02 | 4/16/22 15:00 | Cadmium | ND | ug/L | PD |
| 220418032-02 | 4/16/22 15:00 | Copper | 0.8 | ug/L | PD |
| 220418032-02 | 4/16/22 15:00 | Lead | 0.6 | ug/L | PD |
| 220418032-02 | 4/16/22 15:00 | Silver | ND | ug/L | PD |
| 220418032-02 | 4/16/22 15:00 | Zinc | ND | ug/L | PD |
| 220418032-02 | 4/16/22 15:00 | Copper | 0.8 | ug/L | TR |
| 220418032-02 | 4/16/22 15:00 | Lead | 0.7 | ug/L | TR |
| 422170.A | 4/16/22 15:00 | Cadmium | ND | ug/L | PD |
| 422170.A | 4/16/22 15:00 | Copper | 0.94 | ug/L | Tot |
| 422170.A | 4/16/22 15:00 | Copper | 0.79 | ug/L | PD |
| 422170.A | 4/16/22 15:00 | Lead | 0.4 | ug/L | Tot |
| 422170.A | 4/16/22 15:00 | Lead | 0.28 | ug/L | PD |



| | | | | | |
|--------------|---------------|---------|------|------|-----|
| 422170.A | 4/16/22 15:00 | Silver | 0.36 | ug/L | PD |
| 422170.A | 4/16/22 15:00 | Zinc | ND | ug/L | PD |
| 220418032-03 | 4/17/22 15:00 | Cadmium | ND | ug/L | PD |
| 220418032-03 | 4/17/22 15:00 | Copper | ND | ug/L | PD |
| 220418032-03 | 4/17/22 15:00 | Lead | 0.8 | ug/L | PD |
| 220418032-03 | 4/17/22 15:00 | Silver | ND | ug/L | PD |
| 220418032-03 | 4/17/22 15:00 | Zinc | ND | ug/L | PD |
| 220418032-03 | 4/17/22 15:00 | Copper | 0.9 | ug/L | TR |
| 220418032-03 | 4/17/22 15:00 | Lead | 0.8 | ug/L | TR |
| 422171.A | 4/17/22 15:00 | Cadmium | ND | ug/L | PD |
| 422171.A | 4/17/22 15:00 | Copper | 0.72 | ug/L | Tot |
| 422171.A | 4/17/22 15:00 | Copper | 0.9 | ug/L | PD |
| 422171.A | 4/17/22 15:00 | Lead | 0.3 | ug/L | Tot |
| 422171.A | 4/17/22 15:00 | Lead | 0.31 | ug/L | PD |
| 422171.A | 4/17/22 15:00 | Silver | ND | ug/L | PD |
| 422171.A | 4/17/22 15:00 | Zinc | ND | ug/L | PD |
| 220419004-01 | 4/18/22 15:00 | Cadmium | ND | ug/L | PD |
| 220419004-01 | 4/18/22 15:00 | Copper | ND | ug/L | PD |



| | | | | | |
|---------------|---------------|---------|------|------|-----|
| 220419004-01 | 4/18/22 15:00 | Lead | 0.7 | ug/L | PD |
| 220419004-01 | 4/18/22 15:00 | Silver | ND | ug/L | PD |
| 220419004-01 | 4/18/22 15:00 | Zinc | ND | ug/L | PD |
| 220419004-01 | 4/18/22 15:00 | Copper | 1.4 | ug/L | TR |
| 220419004-01 | 4/18/22 15:00 | Lead | 0.8 | ug/L | TR |
| 422172.A | 4/18/22 15:00 | Cadmium | ND | ug/L | PD |
| 422172.A | 4/18/22 15:00 | Copper | 0.5 | ug/L | Tot |
| 422172.A | 4/18/22 15:00 | Copper | 1.12 | ug/L | PD |
| 422172.A | 4/18/22 15:00 | Lead | 0.35 | ug/L | Tot |
| 422172.A | 4/18/22 15:00 | Lead | 0.33 | ug/L | PD |
| 422172.A | 4/18/22 15:00 | Silver | ND | ug/L | PD |
| 422172.A | 4/18/22 15:00 | Zinc | ND | ug/L | PD |
| 220420077-01 | 4/19/22 15:00 | Cadmium | ND | ug/L | PD |
| 220420077-01 | 4/19/22 15:00 | Copper | 0.9 | ug/L | PD |
| 220420077-01 | 4/19/22 15:00 | Lead | 1.6 | ug/L | PD |
| 220420077-01 | 4/19/22 15:00 | Silver | ND | ug/L | PD |
| 220420077-01 | 4/19/22 15:00 | Zinc | 2 | ug/L | PD |
| 220420077-01A | 4/19/22 15:00 | Copper | 1.1 | ug/L | TR |



| | | | | | |
|---------------|---------------|---------|-----|------|----|
| 220420077-01A | 4/19/22 15:00 | Lead | 1.6 | ug/L | TR |
| 220421015-01 | 4/20/22 15:00 | Cadmium | ND | ug/L | PD |
| 220421015-01 | 4/20/22 15:00 | Copper | 1.5 | ug/L | PD |
| 220421015-01 | 4/20/22 15:00 | Lead | 1.9 | ug/L | PD |
| 220421015-01 | 4/20/22 15:00 | Silver | ND | ug/L | PD |
| 220421015-01 | 4/20/22 15:00 | Zinc | 3 | ug/L | PD |
| 220421015-01 | 4/20/22 15:00 | Copper | 1.8 | ug/L | TR |
| 220421015-01 | 4/20/22 15:00 | Lead | 1.9 | ug/L | TR |
| 220422032-01 | 4/21/22 15:00 | Cadmium | ND | ug/L | PD |
| 220422032-01 | 4/21/22 15:00 | Copper | 1.6 | ug/L | PD |
| 220422032-01 | 4/21/22 15:00 | Lead | 3.2 | ug/L | PD |
| 220422032-01 | 4/21/22 15:00 | Silver | ND | ug/L | PD |
| 220422032-01 | 4/21/22 15:00 | Zinc | 3 | ug/L | PD |
| 220422032-01 | 4/21/22 15:00 | Copper | 1.9 | ug/L | TR |
| 220422032-01 | 4/21/22 15:00 | Lead | 3.2 | ug/L | TR |
| 220425023-01 | 4/22/22 15:00 | Cadmium | ND | ug/L | PD |
| 220425023-01 | 4/22/22 15:00 | Copper | 1.5 | ug/L | PD |
| 220425023-01 | 4/22/22 15:00 | Lead | 3.2 | ug/L | PD |



| | | | | | |
|--------------|---------------|--------|-----|------|----|
| 220425023-01 | 4/22/22 15:00 | Silver | ND | ug/L | PD |
| 220425023-01 | 4/22/22 15:00 | Zinc | 3 | ug/L | PD |
| 220425023-01 | 4/22/22 15:00 | Copper | 1.8 | ug/L | TR |
| 220425023-01 | 4/22/22 15:00 | Lead | 3.2 | ug/L | TR |

Completed/Future Improvements

GIR has taken proactive steps to ensure that each and every personnel has been retrained on the Standard Operating Procedures (SOPs) on operation of the WTP, sampling and continue daily meetings with all members of the GIR team to achieve results to a non-detect level and well below the permit requirements. 1-micron bags have been introduced instead of the 5-micron bags to provide a finer level of suspended particle removal prior to the MetSorb vessels. Two MetSorb vessels now run in series to guarantee a higher level of polishing and metal removal. New plumbing is being installed in the coming weeks at the discharge location with an updated sample port so improved and efficient sample collection. Increased automation will be installed to track and trend data on the pressure drop across the MetSorb vessels to provide real-time data of when a vessel needs to be exchanged. In addition, each compliance sample will be taken with duplicate laboratory samples to be able to verify if a laboratory mistake has been made.

Conclusion

GIR has analyzed every potential reason for the outlying data. There was no change in operations of the WTP that could have resulted in the outlying data. During the month of February and March 2022, GIR was conducting numerous source water samples on the Cross and Caribou. This includes taking samples back in each portal of the perspective mines where mine activity produces higher metal concentrations. These samples utilized a 500 mL, unpreserved sample bottle to grab raw water and transfer to the sample bottles needed to run potentially dissolved and total recoverable analysis. At the discharge location of Outfall-001, a 500 mL bottle is used as well. The means of collecting the samples for discharge requirement access a capped section of 8" PVC pipe located in the discharge shed. This piping drops into a section where the discharge flowmeter is located. A 500 mL, unpreserved bottle is used to collect the samples and transfer them into the sample bottle set for compliance. Previously, this bottle was located in the Cross office. Even the similar methods of sample collection for both the raw source water and the discharge compliance, GIR believes human error caused these bottles to be misused and thus, causing cross contamination.

As mentioned in the above section of completed/future improvements, a new sample port is to be installed in the coming week to eliminate the chance of cross contamination in the future. All staff have been retrained in the sampling procedures and sampling plan across the site.



GIR has received the compliance sample results from the 1st half of April 2022 and the results came back well below the discharge limits for the permit. The report has been attached to this DMR submitted along with the 1st half of March 2022 results. GIR looks forward to continued compliance results moving forward and ensuring no outlying data is seen in the future.

Please contact me with any questions.

Sincerely,

Patrick M. Delaney
Environmental Manager
Black Fox Mining LLC
1508 Ridge Road, Nederland, CO 80466
Phone 315-414-6986
www.blackfoxmining.com | pdelaney@blackfoxmining.com

Exhibit D

IN THE MATTER OF GRAND ISLAND RESOURCES, LLC'S PETITION TO REMOVE
THE BOARD'S PRIOR FINDINGS OF FACT, CONCLUSIONS OF LAW, AND ORDER
IN THE MATTER OF POSSIBLE VIOLATION BY GRAND ISLAND RESOURCES, LLC,
CIVIL PENALTIES, CEASE AND DESIST ORDER AND CORRECTIVE ACTIONS FOR
FAILURE TO MINIMIZE DISTURBANCES TO THE PREVAILING HYDROLOGICAL
BALANCE, FILE NO. M-1977-410

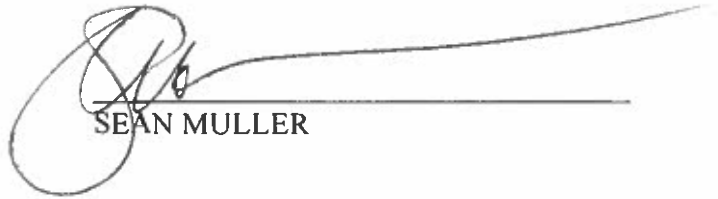
STATE OF COLORADO)
) SS.
COUNTY OF BOULDER)

1. My name is Sean Muller. I am the Geology Manager for Grand Island Resources, LLC ("GIR"). My job responsibilities for GIR include exploration; resource estimation; ore grade control during operations; and hydrogeological characterization.
2. GIR has fully complied with the Board's Cease and Desist Order of February 18, 2022.
3. The Cross Gold Mine ("Cross Mine") installed a new water treatment system in December 2021. GIR personnel worked diligently to install and calibrate the water treatment system, which began in the winter 2021 and continued into spring 2022.
4. On March 1, 2022, the Division approved GIR's Technical Revision No. 10, which included approval of Cross Mine's new water treatment system.
5. Since the installation of the new water treatment system, GIR has conducted formal water testing twice per month to ensure compliance with water quality standards in the CDPHE discharge permit. Of those sampling events over the course of the last six months, only one test (conducted on March 25, 2022) revealed a potential exceedance for unknown reasons. Water testing results over the last three months have all been within the permitted water discharge standards and the results for the first half of July 2022 indicate that compliance will be maintained.
6. GIR timely paid the required interim financial warranty in the amount of \$162,841.00 in connection with the new water treatment system.

7. GIR also submitted a quarterly report to the Division on July 7, 2022, which outlined the activities undertaken at the Cross Mine during the current quarter and the planned activities for the next quarter.
8. Based on communications between GIR's management and personnel at DRMS regarding DRMS's May 2022 letter, the expectation was that subsequent to GIR's compliance with DRMS's additional requirement that GIR provide proof of water sampling tests to demonstrate compliance with the discharge permit from April through June 2022, that the Cease and Desist Order would be immediately removed.
9. GIR has fully complied with its obligations under the Cease and Desist Order and should be permitted to resume its pre-Cease and Desist activities covered under Permit No. M-1977-410. GIR's operational planning and related contractual obligations are predicated on GIR's reliance that the Cease and Desist Order would be removed upon its compliance with the Order and that DRMS would honor its stated position on this matter.
10. GIR intends to continue submitting water sample test results and other required information to CDPHE, and GIR will also continue to submit to the Division monthly water sample test results.

I state under penalty of perjury that the facts set forth above are true and correct.

Further Affiant sayeth naught.


SEAN MULLER

STATE OF COLORADO)
) SS.
COUNTY OF Boulder)

On this 12th day of August, 2022, before me, the undersigned Notary Public, personally appeared Sean Muller, proved to me through satisfactory evidence of identification, which was WY driver's license, to be the person whose name is signed on the preceding document who swore or affirmed to me that the contents of the document are truthful and accurate to the best of their knowledge and belief.



Notary Public

My Commission expires: Nov 18, 2025

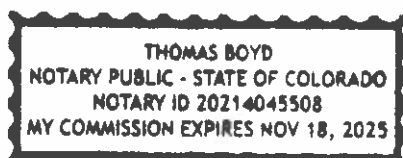


Exhibit E



Division of Reclamation, Mining & Safety
c/o Mr. Patrick Lennberg
1001 E 62nd Ave,
Room 215
Denver, CO 80216

July 12, 2022

SUBJECT: REQUEST FOR REMOVAL OF CEASE-AND-DESIST ORDER

Mr. Lennberg

Grand Island Resources (GIR) hereby respectfully requests the Removal of the Mined Land Reclamation Board (Board) Cease and Desist Order and Corrective Actions Order. GIR Management believes that the GIR has met the Board Mandated Corrective Actions.

GIR for the second quarter of 2022 has had no violations for any of his discharge reports During the month of June 2022 there were no exceedances at Outfall 001. This includes the test results for low-level mercury taken during the 2nd quarter and the 2nd quarter WET test taken 6/13/2022 – 6/15/2022. Every sampling event passed without issue.

On February 18, 2022 the Colorado Mined Land Reclamation Board (Board) issued to Grand Island Resources LLC (Operator) it's Findings of Fact, Conclusions of Law and Order (Appendix A) on the matter of Notice of Violation No. MV-2021-017 brought before the Board by the Division of Reclamation, Mining & Safety (DRMS) on December 15, 2021 indicating possible violation by the Operator, Civil Penalties, Cease and Desist Order and Corrective Actions for Failure to Minimize Disturbances to the Prevailing Hydrologic Balance, File No. M-1977-410.

The Board found the Operator in violation of section 34-32-116(7)(g), C.R.S. and Rule 3.1.6(1).

The Operator (GIR) has addressed the Corrective Actions Mandated by the Board, as follows:

1.1. CEASE AND DESIST

BOARD ORDER: The Operator shall Cease and Desist any further activities underground, except for those activities approved by the Division, in writing, as necessary to comply with the conditions of the Order, protect water quality, prevent damage to off-site areas, complete reclamation, or to protect public health and safety, until all the corrective actions have been resolved to the satisfaction of the Division.

OPERATORS ACTIONS: The Operator have taken the following actions

1.1.1. Underground Exploration and Ore Production Activities

The operator stopped all activities on November 30, 2021

1.1.2. DRMS Approved Activities



On December 21, 2021, the Operator requested in written form, approval from DRMS to conduct 17 specific activities underground activities considered by the Operator to be most pressing to comply with the intent of the Cease-and-Desist Order.

The Operator is in frequent communications with DRMS and continue to request approval for activities underground that are considered essential by the Operator for continued compliance with the intent of the Cease-and-Desist Order.

1.2. CORRECTIVE ACTIONS

1.2.1. Board Ordered Corrective Action #1 - Technical Revision Water Treatment Modifications

On February 28, 2022, the Operator filed with DRMS a Request for Technical Revision (namely TR-10) in response to a Service of Notice of Violation/Cease and Desist Order (Number IO-211130-1) from Colorado Department of Public Health and Environment (CDPHE) dated November 30, 2021, in conjunction with Permit No. M-1977-410.

TR10 describes the Water Treatment Pilot System currently in operation at the site, including additional equipment to increase the current treatment capacity; water quality results and performance of the current system; a Ground Water Monitoring Plan (GWMP) and a Surface Water Monitoring Plan (SWP) as required by the NOV/C&D Order. In addition, measures that have been taken and are further proposed at the site to address water quality baseline data collection.

DRMS issued to the Operator on March 25, 2022, a Preliminary Adequacy Review Letter (Cross Gold Mine, Permit No. M-1977-410, Technical Revision No. 10 (TR-10)) The Preliminary Adequacy Review Letter by DRMS presented 27 main topics and 29 subtopics requiring clarification and/or additional information from the Operator and, given that a decision date was set for April 28, 2022, the Operator requested an extension from the DRMS (Appendix C-3).

DRMS granted the extension to April 14, 2022, via written notification dated March 28, 2022

The Operator submitted to DRMS responses to the Preliminary Adequacy Review Letter on April 17, 2022

DRMS issued to the Operator on April 22, 2022, Adequacy Letter #2

The Operator submitted to DRMS responses to Adequacy Letter # 2 on April 27, 2022

DRMS issued to the Operator on April 28, 2022, Adequacy Letter # 3

The Operator responded to DRMS Adequacy Letter # 3 on April 28, 2022

DRMS issued to the Operator on April 28, 2022, Adequacy Letter #4 whereby Technical Revision 10 (TR10) is approved by DRMS.



1.2.2. Board Mandated Corrective Action #2 -Financial Warranty to Operate the Water Treatment System

On March 16, 2022, the Operator filed with DRMS a Financial Warranty, Check for Deposit in the State Treasury Form, Check No. 125 for \$162,841.00 (One Hundred and Sixty-Two Thousand Eight Hundred and Forty-One Dollars) the check was deposited by the Operator on March 21, 2022.

As a result of responses to Board Mandated Corrective Action #1, on April 28, 2022 DRMS increased the Water Treatment Financial Warranty to \$180,939.00.

The Operator will submit to the State Treasury a check for \$18,098.00 to bond the additional Financial Warranty estimated by DRMS.

1.2.3. Board Mandated Corrective Action # 3 - Written Quarterly Report

On March 30, 2022, the Operator issued the First Quarterly Report (Q1 2022) to the Board.

1.2.4. Board Mandated Corrective Action #4 - Appear Before the MLRB – December 2022

Hearing date to be scheduled by the Board.

1.2.5. Board Order Financial Fine for Violations

On March 21, 2022, the Operator issued to DRMS a check for \$5,000.00 as payment to the Board Ordered Financial Fine for the violations.

Grand Island Resources LLC, Directors, Management and Technical Personnel appreciate the approval by DRMS of Technical Revision #10 and takes the opportunity to emphasize our commitment to the development of a mining operation that is compliant with all applicable regulatory framework. Our staff has been working diligently and tirelessly to address the temporary shortcoming faced by the operation. The Corporation has committed the necessary financial and personnel resources required to implement measures to ensure that the violations cited by the Board are remedied and that do not occur in the future and look forward to continuing exploring and identifying the metal resources contained within our mining district and advance the development of our mining operation.

Respectfully Submitted,

Daniel J. Takami
President, Grand Island Resources LLC,

Exhibit F



GRAND ISLAND RESOURCES

4415 Caribou Rd,
Nederland CO, 80466

Division of Reclamation, Mining & Safety
c/o Mr. Patrick Lennberg
1001 E 62nd Ave,
Room 215
Denver, CO 80216

July 21, 2022

SUBJECT: SECOND REQUEST FOR REMOVAL OF CEASE AND DESIST ORDER

Mr. Lennberg,

Grand Island Resources (GIR) hereby respectfully requests the Removal of the Mined Land Reclamation Board (Board) Cease and Desist Order and Corrective Actions Order as stated in our previous letter dated 12 July 2022. GIR's is in good standing with all filings and has met the Boards Mandated Corrective Actions.

GIR for the second quarter of 2022 has had no violations for any of our discharge reports. During the months of April, May, and June 2022 there were no exceedances at Outfall 001 as Every sampling event passed without issue.

Last quarter after DRMS received our letter, we were penalized for another quarter in just one day. This quarter, nine days after our request for removal of our cease and desist we have not heard anything. I would like to stress at this point and time there is currently no mining occurring, however, we feel our request has been or is being ignored.

GIR's Directors, Management and Technical Personnel have been working diligently and tirelessly and the Corporation has committed the necessary financial and personnel resources required to implement measures to ensure that the violations cited by the Board are remedied and that do not occur in the future. We look forward to continue exploring and identifying the metal resources contained within our mining district and advance the development of our mining operation.

Respectfully Submitted,

Daniel J. Takami, President
Grand Island Resources LLC

Exhibit G



GRAND ISLAND RESOURCES

4415 Caribou Rd,
Nederland CO, 80466

Division of Reclamation, Mining & Safety
c/o Mr. Patrick Lennberg
1001 E 62nd Ave,
Room 215
Denver, CO 80216

July 28, 2022

SUBJECT: THIRD REQUEST FOR REMOVAL OF CEASE AND DESIST ORDER

Mr. Lennberg,

Grand Island Resources (GIR) hereby respectfully requests for the third time, the Removal of the Mined Land Reclamation Board's (Board) 18 February 2022 Cease and Desist Order and Corrective Actions as stated in our previous letters dated 12 July 2022 and 21 July 2022. It has been two and a half weeks and we have not heard from you on this.

The Board's Cease and Desist Order set forth Corrective Actions that GIR was required to comply with. GIR has complied with all of the Corrective Actions. In addition, in denying GIR's 29 April 2022 request to remove the Cease and Desist Order, on 3 May 2022, the Division imposed an additional requirement on GIR "to provide proof of compliance with the [Water Quality Control Division (WQCD)] discharge permit for one complete quarter (April through June 2022)." The Division stated that "[a]t the end of June 2022, GIR may provide a demonstration of compliance with the items stated above and reconsideration for the Division to remove the Cease and Desist Order placed by the Board."

GIR has provided monthly reports to the Division for April through June 2022 demonstrating compliance with the WQCD discharge permit. These reports demonstrate that GIR had no violations for any of our discharge requirements. As such, we again request that the Division remove the Board's Cease and Desist Order.

GIR's Directors, Management and Technical Personnel have been working diligently and tirelessly and the Corporation has committed the necessary financial and personnel resources required to implement measures to ensure that the violations cited by the Board are remedied and that do not occur in the future. We look forward to continuing exploring and identifying the metal resources contained within our mining district and advance the development of our mining operation.

Respectfully Submitted,

Daniel J. Takami, President
Grand Island Resources LLC

Exhibit H



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

July 29, 2022

Daniel Takami
Grand Island Resources LLC
12567 West Cedar Dr.
Lakewood, CO 80228

RE: Division's Response to GIR's Request No. 2 and No. 3 to Remove Board Order MV-2021-017's Cease and Desist Order, Cross Gold Mine, Permit No. M-1977-410

Mr. Takami:

On July 12th and July 28th 2022, the Operator, Grand Island Resources, LLC (GIR), submitted requests to the Division of Reclamation, Mining and Safety (Division) to remove the Cease and Desist Order put in place by the Mined Land Reclamation Board (Board) for violation MV-2021-017. The Division has reviewed GIR's request and has the following comment:

- Due to current circumstances the Division feels the decision to remove the Cease-and-Desist Order must be made by the Board.

If you need additional information or have any questions, please contact me by telephone at **303-866-3567 x8114**, or by email at patrick.lennberg@state.co.us.

Sincerely,

Patrick Lennberg
Environmental Protection Specialist

ec: Daniel Takami, Grand Island Resources LLC
Richard Mittasch, Grand Island Resources LLC
Jared Ebert, DRMS



Exhibit I

IN THE MATTER OF GRAND ISLAND RESOURCES, LLC'S PETITION TO REMOVE
THE BOARD'S PRIOR FINDINGS OF FACT, CONCLUSIONS OF LAW, AND ORDER IN
THE MATTER OF POSSIBLE VIOLATION BY GRAND ISLAND RESOURCES, LLC,
CIVIL PENALTIES, CEASE AND DESIST ORDER AND CORRECTIVE ACTIONS FOR
FAILURE TO MINIMIZE DISTURBANCES TO THE PREVAILING HYDROLOGICAL
BALANCE, FILE NO. M-1977-410

STATE OF COLORADO)
) SS.
COUNTY OF BOULDER)

1. My name is Daniel Takami. I am the President of Grand Island Resources, LLC ("GIR").
2. In a letter dated May 3, 2022, the Division stated that it required GIR to provide proof of compliance with the approved discharge permit for one complete quarter (April through June 2022) and that at the end of June 2022 GIR could seek removal of the Cease and Desist Order from the Division.
3. GIR has satisfied all of the Division's requirements for removing the Cease and Desist Order and the Division.
4. As a result, on July 12, 2022, GIR submitted a request to the Division seeking removal of the Cease and Desist Order. The Division did not respond. On July 21, 2022, GIR submitted another request to the Division seeking removal of the Cease and Desist Order. The Division did not respond. On July 28, 2022, GIR submitted another request to the Division seeking removal of the Cease and Desist Order. On July 29, 2022, the Division finally responded to GIR's requests and simply deferred the removal decision to the Board.
5. GIR reasonably relied on the fact the Division would remove the Cease and Desist Order upon GIR's compliance with the Cease and Desist Order.

6. Based on the representations made by the Division concerning the steps GIR needed to take to have the Cease and Desist Order removed by the Division, GIR, in turn, has made numerous representations and promises to its investors and other stakeholders in the company that the Cease and Desist Order would be removed in July 2022 and pre-Cease and Desist Order mining activities would be permitted to commence as a result of GIR's compliance with the Cease and Desist Order and the corresponding removal of the Cease and Desist Order.
7. GIR's investors have been diligent in supporting the financial requirements associated with compliance with the Cease and Desist Order.
8. GIR is harmed by the delay caused by the failure to remove Cease and Desist Order. Concerns are developing that that the DRMS has no intention of allowing GIR to engage in mining activities in the foreseeable future and that DRMS will continue to place new obstacles in the way to prevent GIR's successful operations.
9. GIR has contractual obligations that it committed to honor that were entered into based on GIR's reliance that the Cease and Desist Order would be removed upon GIR's full compliance.

I state under penalty of perjury that the facts set forth above are true and correct.

Further Affiant sayeth naught.

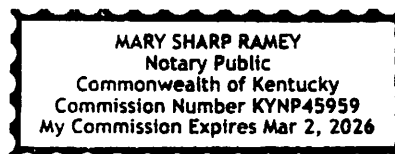
D. Takami
DANIEL TAKAMI

KENTUCKY
STATE OF ~~COLORADO~~

)
) SS.

COUNTY OF Jefferson

)



On this 12 day of August, 2022, before me, the undersigned Notary Public, personally appeared Daniel Takami, proved to me through satisfactory evidence of identification, which was Kentucky Driver's License, to be the person whose name is signed on the preceding document who swore or affirmed to me that the contents of the document are truthful and accurate to the best of their knowledge and belief.

Mary Sharp Ramey
Notary Public

My Commission expires: March 2, 2024