



HIGH LAKE PROJECT

2022 Annual Report for Water Licence 2BE-HIG1722

Prepared for
Nunavut Water Board

Prepared by
MMG Resources Inc.

March 2023

HIGH LAKE PROJECT

2022 2BE-HIG1722 Annual Report

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Acronyms

CIRNAC	Crown Indigenous Relations and Northern Affairs Canada
KIA	Kitikmeot Inuit Association
The Licence	Water Licence 2BE-HIG1722
NIRB	Nunavut Impact Review Board
NWB	Nunavut Water Board
The Project	High Lake Project
MMG	MMG Resources Inc.

Executive Summary - English

MMG Resources Inc. (MMG) has filed its Annual Report on its activities during 2022 under Water Licence No. 2BE-HIG1722 (the Licence) issued by the Nunavut Water Board. As set out in Part B, Item 2 of the Licence, the report includes information with respect to the following topics:

- A summary report of water use and waste disposal;
- A list of unauthorized discharges and a summary of follow-up actions taken;
- Any revisions to plans under this Licence;
- A description of all progressive and or final reclamation work undertaken, if any, including photographic records of site conditions before, during and after completion of operations;
- A report of any artesian flow occurrences;
- Any other details on water use or waste disposal requested by the Board.

$$\Delta_Q \Delta_{\dot{Q}}^{\epsilon_b} \mathcal{P}_L \mathcal{L}^{\epsilon_b} - \Delta_{\mathcal{M}^b} \mathcal{N} \mathcal{D}^c \mathcal{P} \mathcal{E}^c \mathcal{L}^{\epsilon_{\Gamma}^c}$$
[illegible]

- [illegible]

1. Introduction

This report to the Nunavut Water Board (NWB) has been prepared to summarize the project activities and monitoring undertaken by MMG Resources Inc. (MMG) during 2022, in accordance with Part B, Item 2 of License 2BE-HIG1722 (the Licence). The NWB Annual Report Form can be found in Appendix A of this report.

The High Lake Project (Project) has been in long-term Care and Maintenance since 2015 and was not operated in 2022. No freshwater was used, or wastes deposited in 2022. The Project was inspected on August 27, 2022 to ensure it was in a stable and secure state and to conduct necessary repairs/re-securing of infrastructure.

MMG applied for renewal with amendment of this Licence to the NWB in 2022. The licence 2BE-HIG2328 was issued February 13, 2023 with an expiry date of February 14, 2028.

2. Annual Report per Part B, Item 2

This section of the report has been constructed to address each of the requirements of Part B, Item 2 of the Licence. To facilitate direct comparison to the Licence, each subheading corresponds directly with the identically alphabetized subheading of Part B, Item 2 of Water Licence 2BE-HIG1722.

A. SUMMARY OF WATER USE AND WASTE DISPOSAL

No water was used, or waste generated under this Licence in 2022. The Project remained closed throughout 2022.

B. UNAUTHORIZED DISCHARGES AND FOLLOW-UP ACTIONS

No hydrocarbon spills to water or triggering the NWT/NU spill reporting thresholds occurred during this reporting period.

C. REVISIONS TO THE SPILL CONTINGENCY PLAN AND ABANDONMENT AND RESTORATION PLAN

An updated Spill Contingency Plan and Closure and Reclamation Plan were included in the renewal with amendment application for the now renewed licence 2BE-HIG2328.

D. PROGRESSIVE AND OR FINAL RECLAMATION WORK UNDERTAKEN

In 2022 MMG retained Nunami Stantec to conduct a site visit at High Lake with the support of Discovery Mining Services on August 27, 2022. The site visit objective was to ensure The Project was in a stable and secure state and to conduct necessary opportunistic maintenance. The crew confirmed that there is no fuel or chemicals within the <31m high water mark. Materials were secured in on-site buildings or removed from site for disposal in Yellowknife. The crew completed repairing and resealing of structures at High Lake camp. In December 2022 MMG had a call with the CIRNAC Inspector under the Licence and provided an overview of the 2022 site work and future site activities.

E. ARTESIAN FLOWS

No drilling took place under this licence during this reporting period and no artesian flows were intercepted.

F. SUMMARY OF ALL INFORMATION REQUESTED AND RESULTS OF THE MONITORING PROGRAM

No monitoring was undertaken in 2022, apart from an overall site inspection conducted to confirm site stability and address any immediate maintenance needs.

G. ANY OTHER DETAILS ON WATER USE OR WASTE DISPOSAL REQUESTED BY THE BOARD BY NOVEMBER 1 OF THE YEAR BEING REPORTED

No Board requests regarding water use or waste disposal were issued by the Board prior to Nov 1, 2022.

Appendix A NWB Annual Report Form

NWB Annual Report

Year being reported:

Select ▼

2022

License No: 2BE-HIG1722

Issued Date: AUGUST 4, 2017

Expiry Date: AUGUST 3, 2022

Project Name: HIGH LAKE

Licensee: MMG RESOURCES INC.

Mailing Address:

MMG Resources Inc.
PO BOX 91460
West Vancouver, BC,
V7V 3P1

Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):

N/A

General Background Information on the Project (*optional):

The site dates to the 1950s when the High Lake gossan was first identified by then Texas Gulf. It has since been explored by several groups. MMG acquired the project through a series of transactions starting with the purchase of Wolfden Resources by Zinifex in 2007. Zinifex later became Oz Minerals and subsequently was bought by MMG in 2009. The last exploration activity conducted from the site was carried out in 2013. The site saw limited occupation over the next two years while reclamation work was carried out. The last occupancy was August 2015. Since that time the Project has been in long term Care and Maintenance.

Licence Requirements: the licensee must provide the following information in accordance with

Part B ▼

Item 2 ▼

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management. See additional tab "Additional Information".

Water Source(s):	High Lake (domestic) Surrounding (drilling)	
Water Quantity:	5	Quantity Allowable Domestic (cu.m)
	0	Actual Quantity Used Domestic (cu.m)
	95	Quantity Allowable Drilling (cu.m)
	0	Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

- ☐ Solid Waste Disposal
- ☐ Sewage
- ☐ Drill Waste
- ☐ Greywater
- ☐ Hazardous

☐ Other:

Additional Details:

No water was used or waste was generated under this Licence in 2022. See Section 2A of the Annual Report

A list of unauthorized discharges and a summary of follow-up actions taken.

 Spill No.: (as reported to the Spill Hot-line)
Date of Spill: Date of Notification to an Inspector:

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

No spills occurred in 2022. See Section 2B of the Annual Report

Revisions to the Spill Contingency Plan

SCP submitted and approved - no revision required or proposed



Additional Details:

See Section 2C of the Annual Report.

Revisions to the Abandonment and Restoration Plan

AR plan submitted and approved - no revision required or proposed



Additional Details:

See Section 2C of the Annual Report.

Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

See Section 2D of the Annual Report.

Results of the Monitoring Program including:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;

Not Applicable (N/A)



Additional Details:

No water was used in 2022.

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;

Not Applicable (N/A)



Additional Details:

No waste was generated in 2022.

Results of any additional sampling and/or analysis that was requested by an Inspector

No additional sampling requested by an Inspector or the Board

Additional Details: (date of request, analysis of results, data attached, etc)

N/A

Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.

No additional sampling requested by an Inspector or the Board

Additional Details: (Attached or provided below)

See Section 2G of the Annual Report.

Any responses or follow-up actions on inspection/compliance reports

Inspection and Compliance Report received by the Licensee (Date):

Additional Details: (Dates of Report, Follow-up by the Licensee)

No inspections under the Licence were conducted by CIRNAC in 2022.

Any additional comments or information for the Board to consider

The MMG contact for this Licence is Sarah Hasek.
MMG applied for renewal with amendment of this Licence to the NWB in 2022.
The licence 2BE-HIG2328 was issued February 13, 2023 with an expiry date of February 14, 2028.

Date Submitted:

March 30, 2023

Submitted/Prepared by:

Sarah Hasek

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