



## **HIGH LAKE PROJECT**

# **2023 Annual Report for Water Licence 2BE-HIG2328**

Prepared for  
**Nunavut Water Board**

Prepared by  
**MMG Resources Inc.**

**March 2024**



# HIGH LAKE PROJECT

## 2023 2BE-HIG2328 Annual Report

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## Acronyms

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CIRNAC	Crown Indigenous Relations and Northern Affairs Canada
KIA	Kitikmeot Inuit Association
The Licence	Water Licence 2BE-HIG2328
NIRB	Nunavut Impact Review Board
NWB	Nunavut Water Board
The Project	High Lake Project
MMG	MMG Resources Inc.

## Executive Summary - English

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MMG Resources Inc. (MMG) has filed its Annual Report on its activities during 2023 under Water Licence No. 2BE-HIG2328 (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.



# 1. Introduction

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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 2023, in accordance with Part B, Item 2 of License 2BE-HIG2328 (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 2023. No freshwater was used, or wastes deposited in 2023. The Project was inspected on September 26, 2023 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

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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-HIG2328.

### A. SUMMARY OF WATER USE AND WASTE DISPOSAL

No water was used, or waste generated under this Licence during this reporting period. The Project remained closed throughout 2023.

### B. QUANTITY OF WATER OBTAINED FOR DOMESTIC AND OTHER PURPOSES FROM THE SOURCES ON, IN OR FLOWING THROUGH INUIT-OWNED LANDS FOR THE REPORTING PERIOD

No water was used under this Licence during this reporting period.

### C. QUANTITY OF WATER OBTAINED FOR DOMESTIC AND OTHER PURPOSES FROM SOURCES ON, IN OR FLOWING THROUGH CROWN LANDS FOR THE REPORTING PERIOD

No water was used under this Licence during this reporting period.

### D. QUANTITY OF WASTE DISPOSED OF ON ON-SITE WASTE DISPOSAL FACILITY

No waste was generated, or disposed of on site, under this Licence during this reporting period.

### E. QUANTITY OF WASTE BACKHAULED TO APPROVED FACILITY FOR DISPOSAL

There was 100lbs of waste/debris backhauled from the site visit during this reporting period.

### F. LIST OF UNAUTHORIZED DISCHARGES AND A SUMMARY OF FOLLOW-UP ACTIONS TAKEN

No unauthorized discharges occurred during this reporting period.

### G. REVISIONS TO THE SPILL CONTINGENCY PLAN AND CLOSURE AND RECLAMATION PLAN

The revised Spill Contingency Plan and Closure and Reclamation Plan were included in the renewal with amendment application (submitted 2022) for this renewed licence 2BE-HIG2328.

### H. PROGRESSIVE OR FINAL RECLAMATION WORK UNDERTAKEN

In 2023 MMG retained Discovery Mining Services to conduct a site visit to ensure The Project was in a stable and secure state and to conduct necessary opportunistic maintenance. The crew repaired and resealed structures, and materials were secured in on-site buildings or removed from site for disposal in Yellowknife.

### I. ARTESIAN FLOWS

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



**J. SUMMARY OF ALL INFORMATION REQUESTED AND RESULTS OF THE MONITORING PROGRAM**

No monitoring was undertaken during this reporting period, apart from an overall site inspection conducted to confirm site stability and address any immediate maintenance needs.

**K. DETAILS PERTAINING TO LOCATIONS OF SUMP(S) AND DRILL HOLES**

No drilling took place under this licence during this reporting period.

**L. GPS CO-ORDINATES FOR THE LOCATIONS OF ALL TEMPORARY CAMPS ESTABLISHED IN SUPPORT OF THE PROJECT**

There were no new camps established during this reporting period.

**M. SUMMARY OF RELEVANT CONSTRUCTION ACTIVITIES OR MODIFICATIONS AND/OR MAJOR MAINTENANCE WORK CARRIED OUT ON FACILITIES UNDER THIS LICENCE AND AN OUTLINE OF ANY WORK ANTICIPATED FOR THE NEXT YEAR**

No construction activities, modifications or major maintenance work was carried out during this reporting period.

**N. DETAILED DISCUSSION ON THE PERFORMANCE, INSTALLATION, AND EVALUATION OF THE PRIMARY AND SECONDARY CONTIANMENT FUNCTIONS USED IN FUEL STORAGE**

No fuel caches were established during this reporting period.

**O. SUMMARY OF PUBLIC CONSULTATION/PARTICIPATION, DESCRIBING CONSULTATION WITH LOCAL ORGANIZATIONS AND RESIDENTS OF THE NEARBY COMMUNITIES**

No work was planned at High Lake during the reporting period and no consultation was conducted.

**P. ANY OTHER DETAILS ON WATER USE OR WASTE DISPOSAL REQUESTED BY THE BOARD BY THE 1<sup>ST</sup> OF NOVEMBER OF THE YEAR BEING REPORTED**

None requested.

## Appendix A NWB Annual Report Form

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NWB Annual Report

Year being reported: Select ▼

2023

License No: 2BE-HIG2328 Issued Date: FEBRUARY 13, 2023  
 Expiry Date: FEBRUARY 14, 2028

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:	15	Quantity Allowable Domestic (cu.m)
	0	Actual Quantity Used Domestic (cu.m)
	85	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 generated under this Licence during this reporting period. 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 during this reporting period. See Section 2F of the Annual Report.

**Revisions to the Spill Contingency Plan**

SCP submitted and approved - no revision required or proposed ▼

Additional Details:

See Section 2G 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 2G of the Annual Report.

**Progressive Reclamation Work Undertaken**

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

See Section 2H 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 during this reporting period.

**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 during this reporting period.

**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 2P 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 were conducted by CIRNAC during this reporting period.

**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 28, 2024

**Submitted/Prepared by:**

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