



We mine for
progress

Waste Management Plan

Exploration Operations
Izok Corridor Project
Nunavut, Canada

Date: 05/08/2025

Prepared by: Stantec Consulting Ltd.



Revisions

Revision	Date	Description
0	August 5, 2025	Prepared



Table of contents

1. Introduction 4

2. Plan Management 4

3. Waste Types 5

4. Waste Management 5

 4.1 Domestic Waste 5

 4.1.1 Combustible Waste 5

 4.1.2 Non-Combustible Waste 6

 4.2 Inert Waste 6

 4.3 Hazardous Waste 6

 4.4 Greywater 6

 4.5 Sewage 6

5. Plan Documentation and Reporting 6

6. Plan Key Contacts 7

7. References 7

Appendix A : Project Figures 8

List of tables

Table 1. Project Authorizations and Permits Applicable to the Plan 4

Table 2. Anticipated Waste Types on the Project 5

Table 3. Key Contacts for Waste Management Plan 7

List of figures

Figure 1. Project Overview 9



1. Introduction

A Waste Management Plan outlines the procedures for effectively managing waste generated by a mineral exploration project. MMG Resources Inc. (MMG) has mineral exploration activities on the Izok Corridor Project (the Project) and has drafted the following Waste Management Plan (the Plan) to support those activities and to effectively and responsibly manage waste generated. The objectives of the Plan include minimizing the generation of waste, employing best management practices for waste handling, and seeks to train employees and contractors in appropriate waste management methods.

The Project area has been explored by various groups since the 1950’s following the discovery of the High Lake deposit. MMG currently holds the applicable tenure (Appendix A, Figure 1) having acquired the project from OZ Minerals in 2009. Following extensive studies for potential development from 2011 to 2013, the Project was placed in long term care and maintenance due to (then) economic conditions. In 2024, MMG resumed its mineral exploration activities on mineral claims within their Crown Indigenous Relations and Northern Affairs Canada (CIRNAC) Land Use Permit (LUP) and Nunavut Water Board Water Licence boundaries.

The scope of this Plan applies to all the exploration activities occurring on the Project, including (but not limited to) geological mapping, sampling, geophysical surveys, diamond drilling, reverse circulation drilling, environmental monitoring, baseline studies, archaeological studies and staking. These activities will occur on valid MMG tenure and includes the operations of its established camps – High Lake Camp and Izok Lake Camp – or a temporary fly camp.

2. Plan Management

This Plan is to be reviewed on an annual basis. It will be updated and revised as needed to reflect the changes to Project activities and scope, as well as terms and requirements of Project permits, authorizations, and engagement outcomes.

At the time of writing, the following are the applicable LUP and water licences for the Project.

Table 1. Project Authorizations and Permits Applicable to the Plan

Document	Document Number	Issuing Body	Effective Date	Expiry Date
Water Licence	2BE-IZO2328	Nunavut Water Board	May 26, 2023	May 25, 2028
Water Licence	2BE-HIG2328	Nunavut Water Board	February 13, 2023	February 14, 2028
Land Use Permit and N2024C0022	N2024C0021	Crown-Indigenous Relations and Northern Affairs Canada	July 26, 2024	July 25, 2029
Land Use Permit	N2024C0022	Crown-Indigenous Relations and Northern Affairs Canada	July 26, 2024	July 25, 2029

Training in the contents of this Plan, waste types and management, will occur for all persons working at a Project worksite (Section 3 to Section 5). Such training for all individuals will include reviewing a copy of this Plan and information as to who is responsible for the Project’s waste management and what their role is for waste management. For those that have direct responsibilities for waste management (i.e, lead camp personnel), one on one training will be completed for those unfamiliar with those duties, either by the Camp or Project Site Manager, or a person of similar authority.

Additionally, all individuals working on the Project will have valid Workplace Hazardous Materials and Information System (WHMIS) prior to arrival and any persons that will be handling dangerous goods will also hold a valid Transportation of Dangerous Goods certificate.



Once a person has been trained, they will be knowledgeable of the following aspects of waste management:

- Types of waste on the Project site.
- Location(s) of hard copies of this Plan, the Spill Management Plan, Safety Data Sheets (SDS) of all materials on site, site maps and spill kits.
- Equipment available for proper Personal Protective Equipment (PPE) when handling waste.
- Knowledge of required documentation for the Project’s waste management.

3. Waste Types

Waste is defined as materials or substances that are no longer wanted or are unusable for their original intended purpose. Wastes generated during exploration activities are expected to consist of household garbage, drill cuttings, domestic sewage, and hazardous wastes such as oils, lubricants, antifreeze, solvents, and batteries.

Table 2. Anticipated Waste Types on the Project

Waste Type	Source
Domestic waste	Food scraps and packaging
Inert waste	Residual soil from cuttings generated during drilling
Hazardous waste	Oils, lubricants, antifreeze, solvents, batteries, petroleum fuels
Greywater	Domestic wastewater
Sewage	Toilet waste

4. Waste Management

The method of waste management utilized will differ based on the type of waste to manage and if not well managed, can create risks to the Project. For example, food-contaminated wastes, and certain hazardous wastes (such as glycol), can become wildlife attractants if not managed properly. Should wildlife become habituated to food waste sources, the risk of potential human-wildlife conflicts increase. With regard to sewage and greywater, If not stored and disposed of properly, it can lead to contamination of soils and water. Lastly, hazardous waste can adversely affect human and ecological health if ingested, absorbed, or inhaled directly, or through contamination of soil, water or vegetation.

4.1 Domestic Waste

Domestic Waste generated on the Project will largely consist of food scraps and packaging. During exploration activities, such domestic wastes generated outside of a Project camp will be collected at the end of the day and returned to the camp for management and then be sorted into combustible and non-combustible waste streams.

4.1.1 Combustible Waste

Combustible wastes will be collected for incineration. Incineration is an effective method of disposal of combustible wastes that reduces the transportation volume for off-site waste management facilities. Additionally, it assists in avoiding human-wildlife interactions. Following steps outlined in the *Technical Document for Batch Waste Incineration* (Environment Canada, 2010), and guidance provided in the Nunavut *Environmental Guideline for the Burning and Incineration of Solid Waste* (Government of Nunavut, 2010a), the wastes will be incinerated. Residues from the incinerator will be managed as non-combustible wastes.



4.1.2 Non-Combustible Waste

Non-combustible wastes, including residues/ash generated by incineration will be collected, sealed in drums, and removed from site for proper disposal in Yellowknife, NT. Wastes will be stored in a manner that prevents access by wildlife.

4.2 Inert Waste

Drilling wastes, including drill water, chips, muds and salts will be deposited in sumps. Sumps will be located greater than 31 m from the ordinary high-water mark of waterbodies, as per current LUP conditions.

4.3 Hazardous Waste

Hazardous wastes will be collected, sealed in drums, and removed from site for proper disposal in Yellowknife, NT. Wastes will be stored in a manner that prevents access by wildlife. Hazardous wastes management will follow the Nunavut *Guideline for General Management of Special and Hazardous Waste* (Government of Nunavut, 2010b). Transportation of hazardous wastes will be in accordance with Environment and Climate Change Canada's (ECCC's) regulations *Cross-border Movement of Hazardous Waste and Hazardous Recyclable Material Regulations* (Government of Canada, 2021), and Transport Canada's *Transportation of Dangerous Goods Regulations* (Government of Canada, 2001).

4.4 Greywater

Greywater from domestic use at the camps will be directed into a sump located on site near kitchen/dry facilities. Greywater sumps will be located greater than 31 m from the ordinary high-water mark of waterbodies, as per current LUP conditions.

4.5 Sewage

Sewage is collected daily from Pacto style toilet facilities, sealed in plastic bags and incinerated on site.

5. Plan Documentation and Reporting

Documentation and reporting of disposal activities is required by the Nunavut Water Board Water Licences associated with the Project. Reporting includes:

- Summary of waste disposal activities
- Quantities of wastes disposed of on-site and backhauled to facilities for disposal
- Other waste disposal details as requested

MMG's Vice President of Canada is accountable for ensuring that all documentation supporting the reporting requirements is collected and maintained by either the Camp Manager and/or Project Site Manager.



6. Plan Key Contacts

Table 3. Key Contacts for Waste Management Plan

Role	Company/Name	Contact Information
MMG Vice President Canada	Catherine Knight	(604) 218-1921
Camp Manager	Akokli Construction Ltd	(250) 977-5264
Project Manager	Aurora Geosciences	(867) 920-2729
Kitikmeot Inuit Association	Cory Barker	(867) 983-2458
Nunavut Water Board	Richard Dwyer	(867) 360-6338 (867) 360-6369 (fax)
24-Hour Spill Report Line, Government of Nunavut		(867)-920-8130 (phone) (867)-873-6924 (fax) spills@gov.nt.ca (email)
Government of Canada – Department of Environment and Natural Resources, Government of the Northwest Territories		(867) 920-8130
Resource Management/Water Resource Officer CIRNAC – Kitikmeot Region	Isaiah James Bolt	(867)982-4306 (343) 597-9472
WSCC 24-Hour Incident Reporting line		1-800-661-0792
WorkSafe BC Prevention Information Line		1-888-621-7233
Kugluktuk Health Centre		(867) 982-4531
Kugluktuk RCMP	Emergency line Non-emergency	(867) 982-1111 (867) 982-0123

7. References

Government of Canada. 1999. Canadian Environmental Protection Act. [Canadian Environmental Protection Act, 1999](#); last accessed July 30, 2025

Government of Canada. 2001. Transportation of Dangerous Goods Regulations. Available at: [Transportation of Dangerous Goods Regulations](#); last accessed July 30, 2025

Government of Canada. 2002. Nunavut Waters and Nunavut Surface Rights Tribunal Act. Available at: [Nunavut Waters and Nunavut Surface Rights Tribunal Act](#); last accessed July 30, 2025

Government of Canada. 2010. Environmental Guideline for Batch Waste Incineration. Available at: [Microsoft Word - COM1080_Technical Doc for Batch Waste Incin_e_01.doc](#); last accessed July 30, 2025

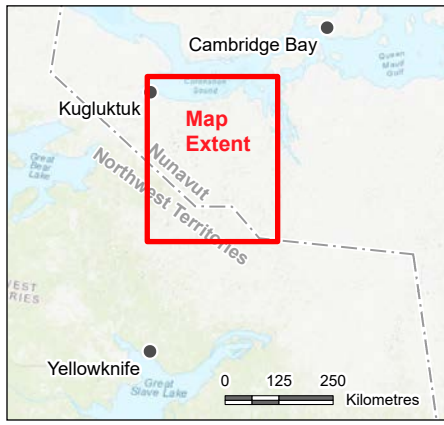
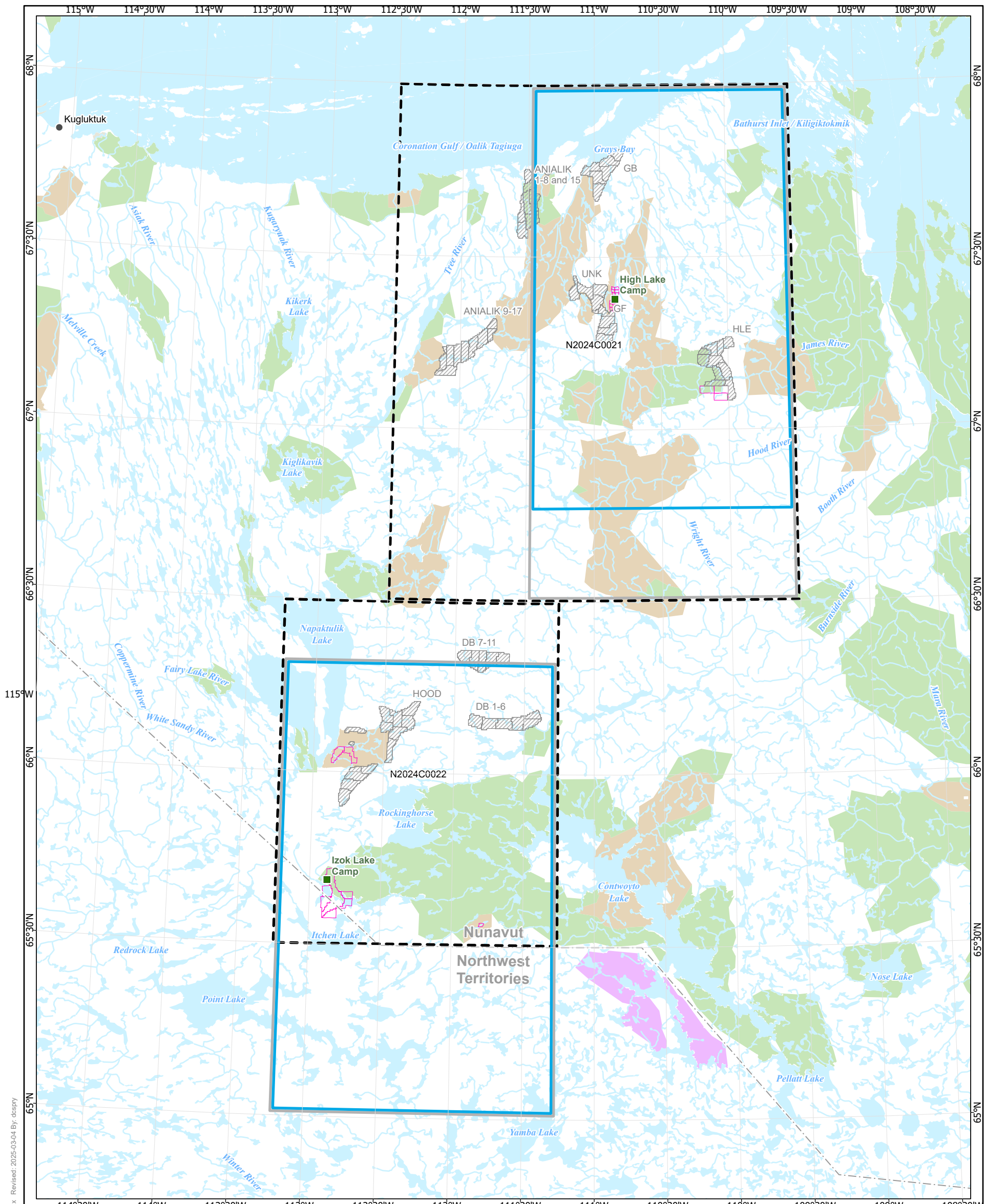
Government of Canada. 2021. Cross-border Movement of Hazardous Waste and Hazardous Recyclable Material Regulations. [Cross-border Movement of Hazardous Waste and Hazardous Recyclable Material Regulations](#); last accessed July 30, 2025

Government of Nunavut. 2010a. Environmental Guideline for the Burning and Incineration of Solid Waste. Available at: <https://assembly.nu.ca/library/GNedocs/2012/001321-e.pdf>; last accessed July 30, 2025

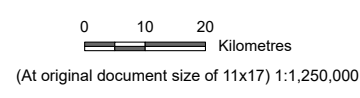
Government of Nunavut. 2010b. Environmental Guideline for the General Management of Hazardous Waste in Nunavut. Available at: [Guideline for the General Management of Hazardous Waste](#); last accessed July 30, 2025



Appendix A: Project Figures



- Camp
- Proposed Land Use Permit and Water Licence Extent
- Current Land Use Permit Extent
- Current Water License Extent
- CIRNAC Mining Claim
- CIRNAC Mineral Lease
- Community
- Territorial Boundary
- Watercourse
- Inuit Owned Land**
- Article 41
- Municipal
- Subsurface
- Surface Only
- Waterbody



Project Location: West Kitikmeot Region, Nunavut Northwest Territories
 Prepared by DSPRY on 2024-12-04 TR by JDAGDICK on 2024-12-04
 Client/Project: 123221786_001

Izok Corridor Project
 MMG Resources Inc

Figure No.
1

Title
MMG Overview

ICA0002-PPFSS05GEOIMATCS\Clients\MMG\MMG_Nunavut_Exploration\Figures\123221786_001_Overview.aspx Revised: 2025-03-04 By: despy

Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.