



Land and Water Boards of the Mackenzie Valley

- NEWSLETTER -

MAY 2023

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WELCOME KATHY RACHER, EXECUTIVE DIRECTOR OF THE MACKENZIE VALLEY LAND AND WATER BOARD

The Mackenzie Valley Land and Water Board is pleased to announce that Dr. Kathleen Racher is the Executive Director (ED) of the organization. She replaced Dr. Shelagh Montgomery at the end of March 2023.

Kathy is a long-term northerner with extensive experience in management and NWT regulatory processes. Through her previous work with Indigenous, territorial, and federal governments, industry, as well as the Land and Water Boards, she will bring an excellent understanding of the regulatory system from many different perspectives. The Board and staff look forward to working with Kathy in her new role.

WELCOME TO OUR READERS!

We are pleased to release this newsletter of the Land and Water Boards (LWBs) of the Mackenzie Valley (Gwich'in, Mackenzie Valley, Sahtu, and Wek'èezhii Land and Water Boards). This digital newsletter brings you the latest news, information, and other items we think might be of interest. The intent of the newsletter is to further our commitment to outreach, education, and knowledge-sharing. Our hope is that this newsletter reaches anyone interested in what the LWBs do; including: proponents, community members, educators, youth, elders, and anyone else who has an interest in the land and water of the Mackenzie Valley.

The **Mackenzie Valley Resource Management Act** makes it clear that the environment is not just about land, water, air, and wildlife, but also the cultural, social and economic well-being of NWT residents. It is important for people to be able to get involved in decision-making processes about the use of land and water.

For example, co-management Boards can only make good decisions if they fully understand and consider all the ways that a

project could impact communities or individuals. Decisions will also be better if everyone has shared their knowledge and wisdom. Communication between entities and parties is a cornerstone of the Mackenzie Valley Resource Management Act and encourages constant feedback and improvement.

In this issue, you will find updates regarding Outreach, Regulatory Improvement, Corporate Excellence, Online Review System, and maps of authorized activities for each of the Land and Water Boards. If you have any questions or wish to connect with one of the Boards regarding what is going on in that region specifically, we invite you to check out the last page in the newsletter where you will find contact details for each of the Land and Water Board offices, including information on how to reach the Executive Director. We hope you enjoy our newsletter, and that you find it informative and helpful. We welcome your feedback, suggestions, and insights on anything you see here, as well as things you would like to see included in upcoming issues.

MAVIS CLI-MICHAUD
CHAIR, MVLWB

Please forward your comments or questions to [Tanya Lantz](#), Community Outreach Coordinator, Mackenzie Valley Land and Water Board.



We recognize the inherent rights of all Indigenous peoples and execute our mandate in the spirit of reconciliation.

MANDATE

Our role is to regulate the use of land and waters and the deposit of waste so as to provide for the conservation, development and utilization of land and water resources in a manner that will provide the optimum benefit for residents of respective management areas of the Mackenzie Valley and for all Canadians.

To fulfill our mandate as administrative tribunals we:

- Consider the importance of conservation to the well-being and way of life of the Indigenous peoples of Canada to whom section 35 of the Constitution Act, 1982 applies and who use an area of the Mackenzie Valley
- Consider traditional knowledge and scientific information

Vision

Current and future generations benefit from the collaborative management of natural resources in the Mackenzie Valley.

Values

The following values guide the actions of the Boards' as we work toward realizing our mandate, vision, mission, and goals.

- **Transparency:** We are committed to ensuring our processes and decisions are clear and accessible.
- **Fairness:** We consider all perspectives to develop impartial and evidence-based decisions.
- **Inclusivity:** We are open and responsive, and we value diverse perspectives and cultures as we work together, and with others, to fulfil our mandate.

Mission

In support of our day-to-day activities as administrative tribunals, we work together as a land and water board family, and with parties in the co-management system, leveraging the power of collaboration.

- **Excellence:** We pursue professional and creative solutions, modelling our values at all times, through our role and work with others in the co-management system.
- **Accountability:** We value and act on our responsibility to the residents of the Mackenzie Valley and all Canadians through our processes and decisions.
- **Reconciliation:** We recognize the inherent rights of all Indigenous peoples and execute our mandate in the spirit of reconciliation.

GET INVOLVED

One of the most important parts of the Land and Water Boards is ensuring that our communities are being represented. We want their thoughts, concerns, and interests to be heard. We want our decisions to incorporate everyone in the NWT and make sure that everyone is getting a say in what is being developed and how.

When large projects are getting underway, we make sure there are in-person opportunities for the community to take part. You can attend a workshop, technical session and/or a public hearing. Ask the questions you want answers to! Don't like public speaking? Approach one of our Board staff and they can ask the questions for you.

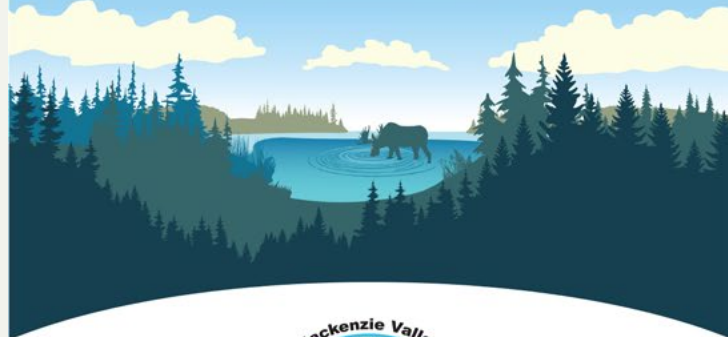
Check us out online. We have an [Online Public Registry](#) that has all the information on any Project you are interested in. You can also access our [Online Review System](#); this can give you access to any Projects under review. If you go there and want to submit a recommendation, you can! Have a Project that is important to you? Sign up to receive updates and you won't miss any new information being presented to the public.

Having issues getting online? Don't like working with computers? Want some in-person conversations about the process? Visit any of our offices and our Board staff would be happy to assist you in any way. They are there to make the process easier and more accessible for you!

Contact them by phone or email if in-person isn't right for you, they are there and want to help.



Land and Water Boards of the Mackenzie Valley



How to Participate

- Attend community meetings, workshops, technical sessions, and public hearings
- Become an intervener to a proceeding
- Visit the Board's office to speak with Board staff
- Submit recommendations for the Board to consider in its decision-making process
- Sign up to receive updates on the projects that are important to you
- Search the Board's Online Public Registry for project-related documents

mvlwb.com

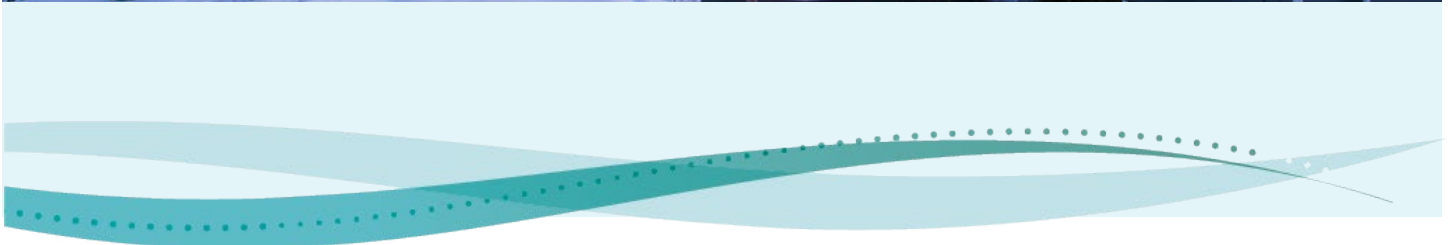
OUTREACH

NWTTA PARTICIPATION

MVLWB staff Heather Scott (Senior Technical Advisor) and Erica Janes (Regulatory Specialist) attended the Northern Territories Water and Waste Association's annual conference in Yellowknife in November 2022. In addition to presenting on the forthcoming Guidelines for Municipal Sludge Management for Passive Sewage Treatment Systems in the Northwest Territories, they participated in the annual Operators' Workshop. This is a day when operators of water treatment plants, sewage treatment facilities, and solid waste facilities from across the NWT and Nunavut gather for professional development and training courses. This year, the MVLWB was asked to contribute by running a course on the basics of municipal water licenses

and water quality sampling. Participants were given an introduction to the basic contents, benefits, and challenges of municipal water licences in the Mackenzie Valley, and introduced to the Surveillance Network Programs that are included in our water licences and that dictate the requirements for water quality sampling related to licensed operations.

Participants had the opportunity to work with a sample licence in order to complete laboratory order forms, label real sample bottles, and take 'samples' (from a bucket of drinking water). This interactive session provided valuable, hands-on experience and resulted in some interesting discussions and connections being made, both amongst operators and with Board staff.



CUMULATIVE EFFECTS

CIMP and ICCE Update

The Government of the Northwest Territories has a Cumulative Impact Monitoring Program (NWT CIMP). NWT CIMP defines cumulative impacts as “the combined effects that human activities and natural processes have on our environment”¹ NWT CIMP coordinates, conducts, and funds the collection, analysis and reporting of information (including Traditional Knowledge and scientific) related to environmental conditions across the territory. The current focus of the NWT CIMP is on three valued components: caribou, water, and fish.

In December 2022, staff from the Wek'èezhì Land and Water Board attended a regional results workshop hosted by NWT CIMP and the Tłı̄çho Government in Behchokò. In January 2023, LWB Staff attended training on the Inventory of Landscape Change Map Viewer, an NWT CIMP tool that allows users to visualize and download spatial data related to human and natural disturbances across the territory.² In February 2023, the LWB Staff who represent the LWBs on the NWT CIMP Steering Committee (as an Observer) evaluated monitoring and research proposals and attended a Steering Committee Meeting to bring forward LWB recommendations for funding.

Through NWT CIMP, the LWBs have been made aware of the Indigenous Centre for Cumulative Effects (ICCE), an independent organization that supports Indigenous communities to undertake cumulative effects work.³ In November 2022, LWB Staff and the Community Outreach Coordinator attended a ICCE Regional Dialogue Northern Session in Dettah. ICCE sought input from community members about requirements needed to understand and address cumulative effects assessment within their jurisdiction related to: human resources; material resources; technology; knowledge; training; networking; access to and sharing knowledge; access to experts; and Indigenous-led Cumulative Effects. The organization is now accepting applications for Community Funding Programs (until March 6, 2023). ICCE will be hosted a Conference (Sharing Knowledge to Take Action) in Ottawa from May 29-31, 2023.



WATER STEWARDSHIP WORKSHOP

MVLWB staff Tanya Lantz (Community Outreach Coordinator) and Heather Scott (Senior Technical Advisor) attended the 13th Annual NWT Water Stewardship Strategy Implementation Workshop on October 26th, 2022 in Dettah, NT. Tanya and Heather were guest speakers on the panel “Our NWT Waters: Resilience and Adaptation Panel Presentation – Researchers, Regulators and Water Partners Share their Work”. This year’s collaborative theme, “Adapting to Change and Building a Resilient Northwest Territories”, recognizes the challenges the NWT has faced over the last years in having to respond to changes occurring on the land, water, and in our communities. This workshop focused on collaboration and knowledge sharing amongst Water and Climate Change Partners to highlight the importance of working together to adapt to these changes and build resilience. For more information regarding NWT Water Stewardship visit nwtwaterstewardship.ca/

¹ See GNWT-ENR’s NWT CIMP website: [NWT Cumulative Impact Monitoring Program \(NWT CIMP\) | Environment and Natural Resources \(gov.nt.ca\)](http://nwtwaterstewardship.ca/). ² See GNWT-ENR’s NWT CIMP Inventory of Landscape Change Map Viewer: [Geocortex Viewer for HTML5 \(gov.nt.ca\)](http://geocortexviewer.gov.nt.ca/).

³ See the Indigenous Centre for Cumulative Effects website: <https://www.icce-caec.ca/>.

2022 Virtual Resource Co-management Workshop Series

The Land and Water Boards of the Mackenzie Valley, the Review Board, and government departments and agencies involved in the co-management system hosted four virtual and in-person workshops.

The first workshop was the **Co-management System and Ongoing Initiatives** held on March 30 and 31, 2022. This workshop introduced the integrated co-management system of land and water management established through the Mackenzie Valley Resource Management Act (MVRMA). The final report can be found [here](#).

The second workshop was held on June 8 and 9, 2022 and focused on the **closure and reclamation** process in the Mackenzie Valley. The workshop shared knowledge, ideas, and experiences on existing co-management processes with regard to closure and reclamation and provided information on current closure and reclamation-related initiatives in the Mackenzie Valley. The final report can be found [here](#).

The third workshop was held on September 28 and 29 and focused on **Engagement and Consultation**, helping familiarize participants with the co-management and integrated system of land and water management established through the MVRMA. The final report can be found [here](#).

The last and fourth workshop of the year was held on December 15 and 16 and focused on **Climate Change**. The final report can be found [here](#).

The in-person 2023 Resource Co-management workshop is scheduled for October 2023 (See details aside.)



October 17- 19, 2023 Resource co-management workshop in Łı́ıdlı́ Kųę (Fort Simpson)

Further details on the workshop will be provided at a later date

WHAT OTHER TOPICS
DO YOU WANT TO
HEAR ABOUT?

Possible topics on the agenda:

- Intro to the Mackenzie Valley Resource Management Act.
- Updates from:
 - local projects,
 - the Dehcho Land Use Planning Committee and
 - reclamation activities.

Send your suggestions
to ecc_iasm@gov.nt.ca

REGULATORY IMPROVEMENT

Engagement and Consultation Policy and Guidelines

On December 8, 2022, the LWBs approved an updated [Engagement and Consultation Policy](#), emphasizing the importance of early and meaningful engagement for well-planned projects and efficient regulatory processes. The newest version of the policy document, which has been several years in the making, is critical in helping the LWBs carry out permitting, licensing, and preliminary screening in the Mackenzie Valley. Please review our [news release](#) to get full background and details.

The LWBs have now commenced a process to update

the associated [Engagement Guidelines](#) for [Applicants and Holders of Water Licences and Land Use Permits](#) and will be hosting a public workshop on May 17, 2023, at the Chief Drygeese Building in Dettah. The purpose of the workshop is to gather parties' input for the update to the Guidelines. All members of the public will be welcome to attend and more information about how to register will be available soon. Interested parties can email [Sarah Elsasser](#), Senior Regulatory Policy Advisor for more information.

Waste and Wastewater Management Policy

In February 2023, the Land and Water Boards of the Mackenzie Valley (the LWBs) issued the [Waste and Wastewater Management Policy](#) (Policy), which will replace the Water and Effluent Quality Management Policy that was first released in 2011. This marks the first revision of the Policy, which is one of the key overarching LWB policies that informs several LWB guidance documents.

The purpose of the revised Policy is to describe the LWBs' approach to regulating waste management through enforceable conditions set in water licences and land use permits. Although the scope of the Policy does not include managing water use, it recognizes the relationship between waste management and water quality in the receiving environment, and the social, cultural, and economic importance of water to the people of the NWT.

The original version of the Policy focused primarily on the LWBs' approach to regulating the deposit of waste to water, particularly as effluent, through licence conditions. Since the release of the original version of the Policy, the LWBs' approach to regulating waste management has evolved, and the LWBs' expectations regarding waste management have been clarified through the development and revision of various LWB guidance documents, including templates of standard permit and licence conditions.

The new title of the revised Policy reflects an expanded scope, inclusive of the range of waste types regulated by the LWBs through both land use permits and water licences, and the different types of requirements the LWBs often include in conditions to regulate waste management.

The LWBs distributed a [draft of the Policy](#) for public review in early 2022 and incorporated the comments from this review into a [second draft](#), which was distributed for public review in the fall of 2022. A review summary table is available [here](#).

The LWBs appreciate the thoughtful and constructive comments provided by parties during both reviews.

In association with the revision to the Policy, the LWBs released an administrative update to the [LWB/GNWT Guidelines for Effluent Mixing Zones](#) (Guidelines). As part of this update, the appendix in the Guidelines that describes how the LWBs set effluent quality criteria in licences was separated from the Guidelines into the standalone [Standard Process for Setting Effluent Quality Criteria](#) to make this information more easily accessible, because it is not specific to mixing zones.

The LWBs also issued an administrative update to the [Document Submission Standards](#) to ensure the Standards are consistent with current LWB expectations for submissions set out in recently updated guidance documents. A number of related guidance documents have been updated or revised since the Standards were last updated in 2019 (see the Policies and Guidelines page under the Resource tab on any of the LWBs' websites to see the current versions of all LWB guidance documents), and the revised Standards now reflect these.



Municipal Sludge Management

Together with the GNWT Departments of Environment and Natural Resources and Municipal and Community Affairs, Land and Water Board Staff have developed Guidelines for Municipal Sludge Management for Passive Sewage Treatment Systems in the Northwest Territories. Generally, sludge accumulates in sewage lagoons over time, and can impede proper function of a lagoon if the layer becomes too thick. So, sludge eventually needs to be safely and properly removed from the lagoon and managed for disposal or re-use. The Guidelines provide recommendations and outline expectations for municipal staff regarding the monitoring and management of sewage sludge in the Northwest Territories (NWT).

The document includes sections on the regulation of sewage and sludge in the NWT, how to properly and safely monitor sludge in a lagoon, expectations for the management and/or treatment of sludge, and how to develop a sludge management plan. Land and Water Board staff presented on the development of the Guidelines at the Northern Territories Water and Waste Conference in Yellowknife, November 15, 2022. The Guidelines were approved by the Land and Water Boards of the Mackenzie Valley in December 2022. The guidelines are currently being reviewed by the Government of the Northwest Territories and will be released once the review is complete.

CORPORATE EXCELLENCE

Territorial Legislative Initiatives

In the last few years, the Land and Water Boards have provided submissions in regards to territorial legislative initiatives, including the ***Mineral Resources Act and the Public Land Act***, and will participate in ongoing initiatives such as the development of the regulations associated with these Acts.

Pan-Territorial Assessment and Regulatory Board Forum

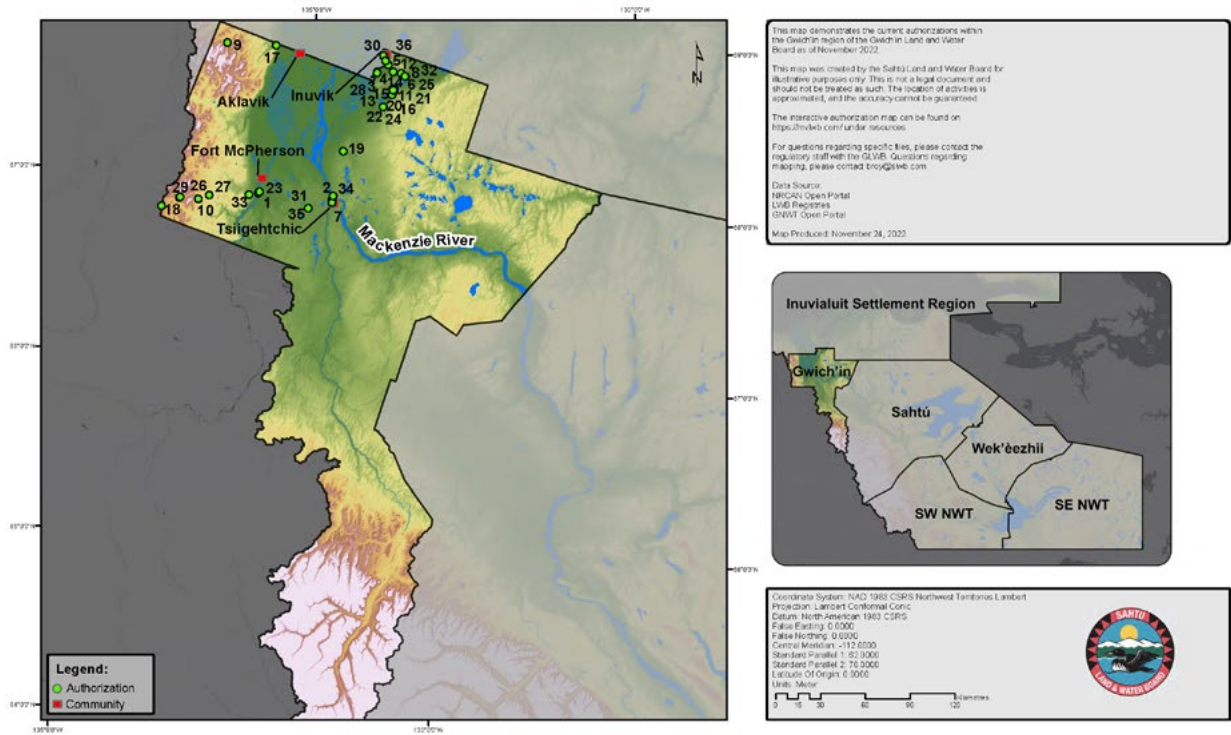
On November 1-3, 2022, the Land and Water Boards participated in the Pan-Territorial Assessment and Regulatory Board Forum (the Pan-Territorial Board Forum). Since 2014, the Canadian Northern Economic Development Agency's (CanNor) Northern Project Management Office (NPMO) has hosted the Pan-Territorial Board Forum on an annual basis. It brings together representatives of each of the impact assessment boards and licensing boards across the Yukon, NWT, and Nunavut to share best practices, explore common challenges, and discuss potential solutions. Some of the topics for this year's Pan-Territorial Board Forum included phased developments, climate change considerations, cumulative effects, and regional studies.

NWT Board Forum

On January 31 and February 1, 2023, the Land and Water Boards attended the NWT Board Forum. The objectives of the 26th NWT Board Forum were to "reconnect the NWT Board Forum network across the Mackenzie Valley and the Inuvialuit Settlement Regions, acknowledge the accomplishments, where we are at with collective concerns and reset priorities, give administrative direction and initiatives direction to work towards better integration of the co-management system". Participants discussed the NWT Environmental Audit, communication, regulatory coordination, and process harmonization and were given presentations about the Intergovernmental Council (IGC), the Cumulative Impact Monitoring Program and Climate Change, and the Ministerial Decision phase.

LAND AND WATER BOARD'S AUTHORIZED ACTIVITIES

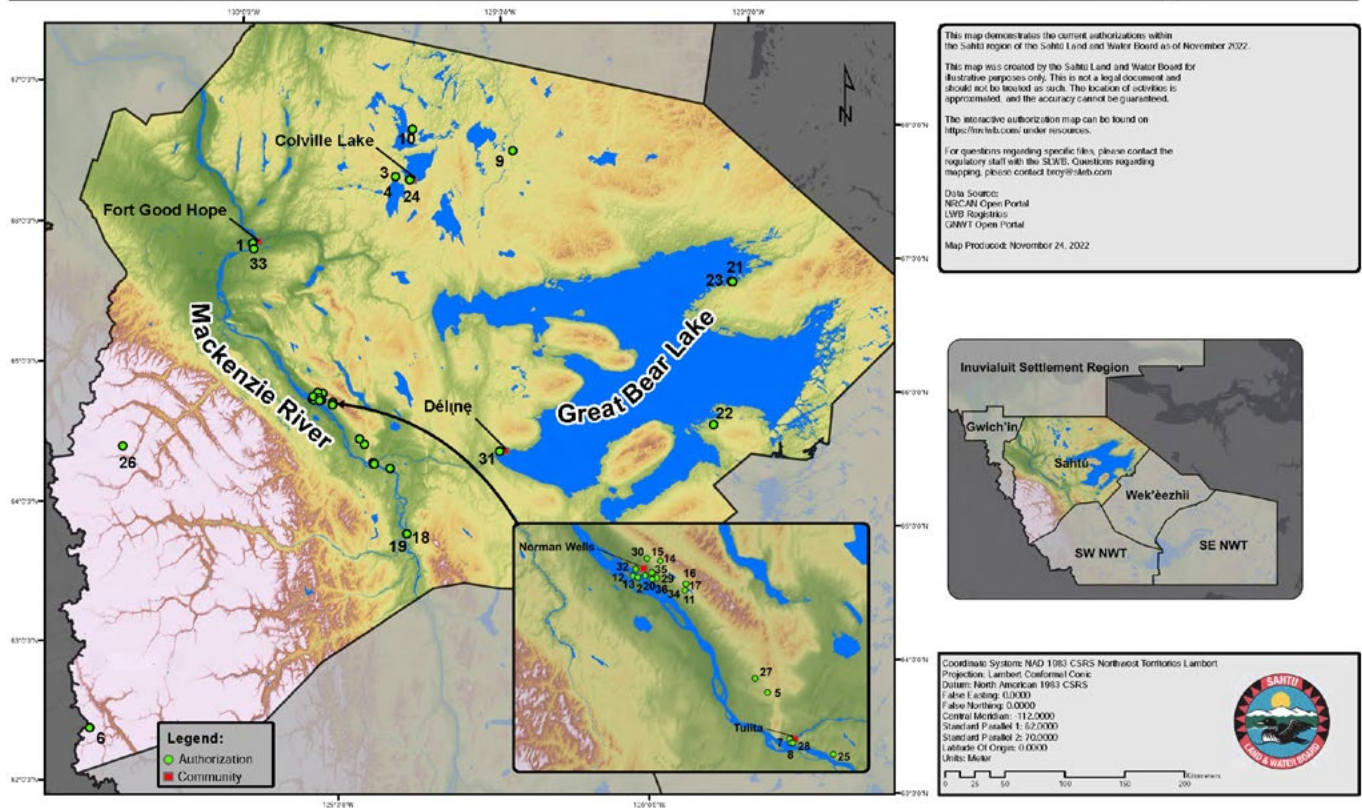
Gwich'in Land and Water Board: 2022 Authorizations in the Gwich'in Region



Number	Authorization	Company	Activity Type	Expiry Date	Effective Date
1	G22L8-002	GNWT-INF (Beaufort Delta)	Miscellaneous	11/30/2029	6/22/2022
2	G22L8-003	GNWT-INF (Beaufort Delta)	Miscellaneous	11/30/2029	6/22/2022
3	G22L3-004	Gwich'in Tribal Council	Municipal	7/27/2029	7/28/2022
4	G22H003	Gwich'in Tribal Council	Fuel Storage	7/27/2027	7/28/2022
5	G17L3-001	Town of Inuvik	Municipal	6/30/2027	7/1/2017
6	G22Q001	GNWT-INF (Beaufort Delta)	Quarrying	5/19/2027	5/20/2022
7	G22L3-001	Charter Community of Tsiigehtchic	Municipal	5/8/2027	5/9/2022
8	G21Q002	Arctic Tire (1980) Ltd.	Quarrying	6/27/2026	6/28/2021
9	G21E001	GNWT-INF (Beaufort Delta)	Road Public	6/27/2026	6/28/2021
10	G20X009	GNWT-INF (Beaufort Delta)	Miscellaneous	2/19/2026	2/20/2021
11	G19Q009	Northwind Industries Ltd.	Quarrying	12/2/2025	12/3/2020

Number	Authorization	Company	Activity Type	Expiry Date	Effective Date
12	G18X005 G18L8001	NWT Energy Corporation (03) Ltd.	Miscellaneous	10/26/2025	10/27/2020
13	G20Q005	International Logistical Support Inc. (ILS)	Quarrying	8/16/2025	8/17/2020
14	G20S002	GNWT-INF (Beaufort Delta)	Geotechnical	8/16/2025	8/17/2020
15	G20Q004	International Logistical Support Inc. (ILS)	Quarrying	5/29/2025	5/30/2020
16	G20Q003	Arctic Tire (1980) Ltd.	Quarrying	4/12/2025	4/13/2020
17	G20Q001	Hamlet of Aklavik	Quarrying	2/17/2025	2/18/2020
18	G19H010	Northwestel Inc.	Fuel Storage	1/26/2025	1/27/2020
19	G19Q006	Bob's Welding Ltd.	Quarrying	7/3/2024	7/4/2019
20	G19Q007	Bob's Welding Ltd.	Quarrying	7/3/2024	7/4/2019
21	G19Q008	Bob's Welding Ltd.	Quarrying	7/3/2024	7/4/2019
22	G17X001	GNWT-ITI (Gwich'in)	Miscellaneous	3/28/2024	3/29/2017
23	G17X002	GNWT-ITI (Gwich'in)	Miscellaneous	3/28/2024	3/29/2017
24	G17X003	GNWT-ITI (Gwich'in)	Miscellaneous	3/28/2024	3/29/2017
25	G17X004	GNWT-ITI (Gwich'in)	Miscellaneous	3/28/2024	3/29/2017
26	G19S003	GNWT-INF (Beaufort Delta)	Geotechnical	3/19/2024	3/20/2019
27	G19S004	GNWT-INF (Beaufort Delta)	Geotechnical	3/19/2024	3/20/2019
28	G16X006	GNWT-ITI (Gwich'in)	Miscellaneous	9/20/2023	9/21/2016
29	G20H006	GNWT-INF (Beaufort Delta)	Fuel Storage	8/5/2023	8/6/2020
30	G18X002	GNWT-ENR	Miscellaneous	7/23/2023	7/24/2018
31	G18Q003	GNWT-INF (Beaufort Delta)	Quarrying	7/23/2023	7/24/2018
32	G16Q004	Bob's Welding Ltd.	Quarrying	5/25/2023	5/26/2016

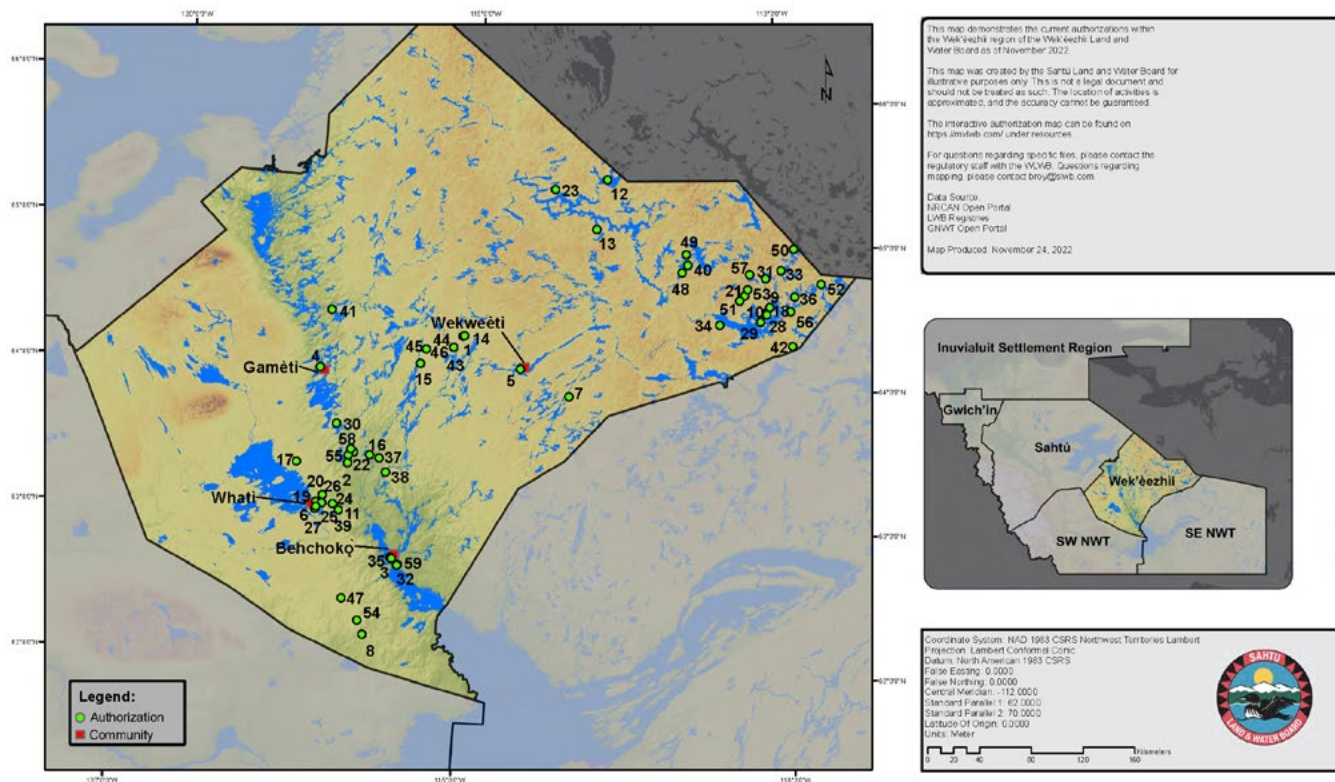
Sahtú Land and Water Board: 2022 Authorizations in the Sahtú Region



Number	Authorization	Company	Activity Type	Expiry Date	Effective Date
1	S20L3-003	Charter Community of Fort Good Hope	Municipal	2/2/2031	2/3/2021
2	S18L3-003	Town of Norman Wells	Municipal	11/18/2028	11/19/2018
3	S22A-001	Suncor Energy Inc.	Oil and Gas	8/21/2027	2/15/2022
4	S22L1-001	Suncor Energy Inc.	Industrial	8/21/2027	8/22/2022
5	S21Q-004	GNWT-INF (Sahtu)	Quarrying	11/21/2026	11/22/2021
6	S21C-005	Selwyn Chihong Mining Ltd.	Mining Exploration	11/16/2026	11/17/2021
7	S16L3-001	Hamlet of Tulita	Municipal	10/31/2026	11/1/2016
8	S21S-003	Parks Canada	Geotechnical	8/2/2026	8/3/2021
9	S19A-004	MGM Energy	Oil and Gas	6/6/2026	6/7/2021
10	S19L1-003	MGM Energy	Industrial	6/6/2026	6/7/2021
11	S21S-001	GNWT-INF (Sahtu)	Geotechnical	3/7/2026	3/8/2021
12	S20L8-005	Imperial Oil Resources Ltd.	Miscellaneous	2/3/2026	2/3/2021

Number	Authorization	Company	Activity Type	Expiry Date	Effective Date
13	S20Q-007	Imperial Oil Resources Ltd.	Quarrying	2/3/2026	2/3/2021
14	S20L1-004	Cenovus Energy Inc.	Industrial	1/14/2026	1/15/2021
15	S20X-006	Cenovus Energy Inc.	Miscellaneous	1/14/2026	1/15/2021
16	S20E-005	GNWT-INF (Sahtu)	Road Public	11/18/2025	11/19/2020
17	S20L8-002	GNWT-INF (Sahtu)	Miscellaneous	11/18/2025	11/19/2020
18	S20L1-001	Enbridge Pipelines (NW) Inc.	Industrial	9/16/2025	9/17/2020
19	S20P-003	Enbridge Pipelines (NW) Inc.	Pipeline	9/16/2025	9/17/2020
20	S13L1-007	Imperial Oil Resources Ltd.	Industrial	3/3/2025	3/4/2015
21	S21F-002	Great Bear Lake Lodge Ltd.	Road Private	8/3/2024	8/4/2021
22	S17L8-002	CIRNAC-CARD	Miscellaneous	7/24/2024	7/25/2017
23	S19L3-001	Great Bear Lake Lodge Ltd.	Municipal	5/16/2024	5/27/2019
24	S19S-005	GNWT-INF (Sahtu)	Geotechnical	3/31/2024	1/1/2020
25	S20S-002	GNWT-INF (Sahtu)	Geotechnical	3/31/2024	2/25/2020
26	S19C-003	Evrin Exploration Canada Corp.	Mining Exploration	3/24/2024	3/25/2019
27	S19S-001	GNWT-INF (Sahtu)	Geotechnical	3/7/2024	3/8/2019
28	S19S-002	WOOD - Environment and Infrastructure Solutions	Geotechnical	3/7/2024	3/8/2019
29	S18L1-002	KBL Environmental Ltd.	Industrial	10/31/2023	11/19/2018
30	S18X-003	Transport Canada	Miscellaneous	10/21/2023	10/22/2018
31	S18L3-001	Délįnę Got'įnę Government	Municipal	5/4/2023	5/5/2018
32	S18X-001	Imperial Oil Resources Ltd.	Miscellaneous	3/1/2023	3/1/2018
33	S17X-006	GNWT-MACA	Miscellaneous	1/28/2023	1/29/2018
34	S15E-004	GNWT-INF (Sahtu)	Road Public	12/19/2022	12/20/2015
35	S17X-004	Transport Canada	Miscellaneous	12/4/2022	12/5/2017
36	S17L8-003	Transport Canada	Miscellaneous	12/4/2022	12/5/2017

Wek'èezhii Land and Water Board: 2022 Authorizations in the Wek'èezhii Region

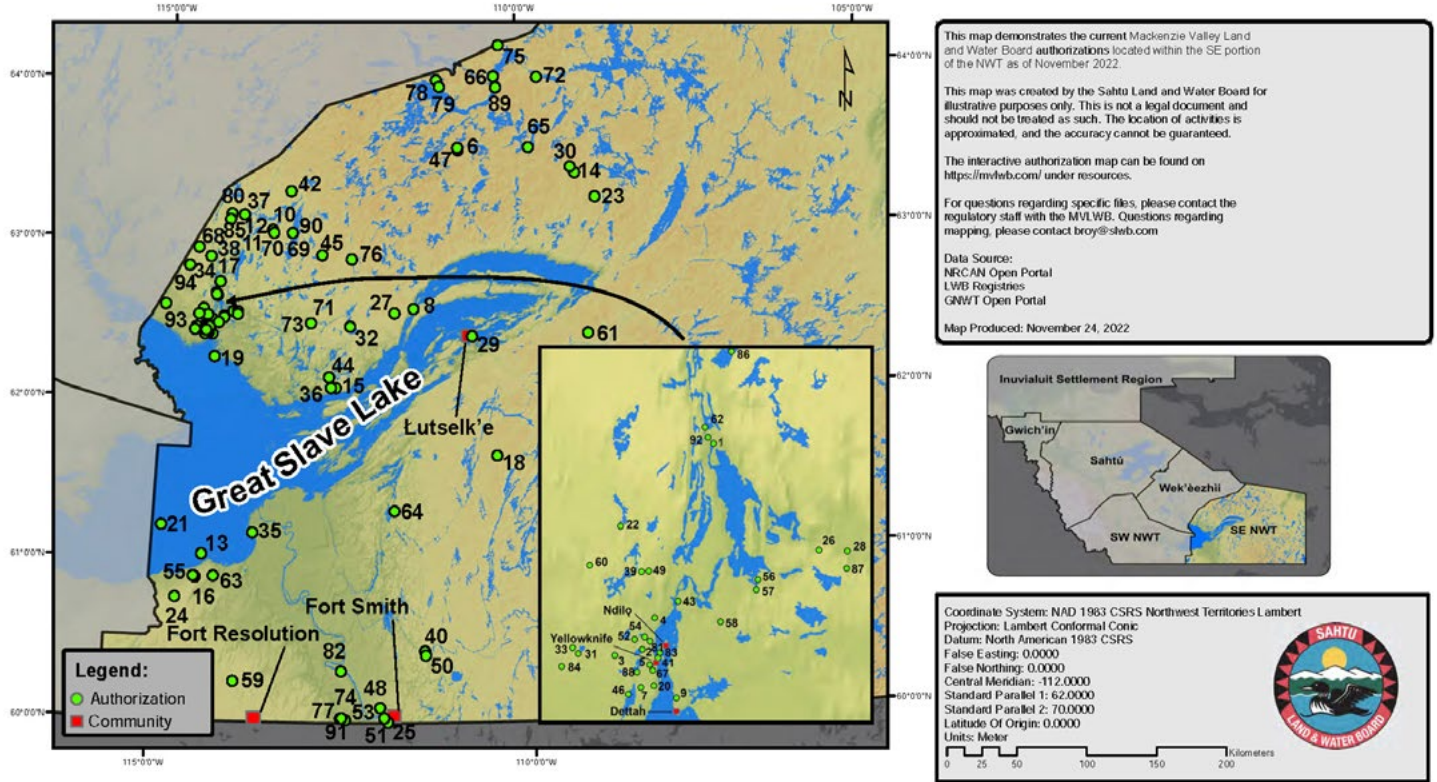


Number	Authorization	Company	Activity Type	Expiry Date	Effective Date
1	W2021L8-0003	CIRNAC- CARD	Miscellaneous	1/25/2047	1/26/2022
2	W2020L8-0003	CIRNAC- CARD	Miscellaneous	11/17/2031	11/18/2021
3	W2014L3-0002	Tlicho Community Government of Behchoko	Municipal	11/24/2029	11/25/2014
4	W2018L3-0001	Tlicho Community Government of Gameti	Municipal	12/21/2028	12/21/2018
5	W2017L3-0001	Tlicho Community Government of Wekweèti	Municipal	9/21/2027	9/22/2017
6	W2017L3-0002	Tlicho Community Government of Whati	Municipal	9/21/2027	9/22/2017
7	W2022C0004	Voyageur Exploration Ltd.	Mining Exploration	7/7/2027	7/8/2022
8	W2022W0005	Kerry Smith	Wood Ops	7/7/2027	7/8/2022
9	W2021D0005	Arctic Canadian Diamond Company Ltd.	Mining Exploration - Mine Shaft	5/12/2027	5/13/2022
10	W2022D0003	Arctic Canadian Diamond Company Ltd.	Mining Exploration - Mine Shaft	4/26/2027	4/27/2022
11	W2022X0002	Tlicho Government	Miscellaneous	4/17/2027	4/18/2022
12	W2022C0001	Golden Planet Mining Corp.	Mining Exploration	3/6/2027	3/7/2022
13	W2021C0012	GGL Resources Corporation	Mining Exploration	2/20/2027	2/21/2022

Number	Authorization	Company	Activity Type	Expiry Date	Effective Date
14	W2021X0008	CIRNAC- CARD	Miscellaneous	1/23/2027	1/24/2022
15	W2021F0010	GNWT-INF (Sahtu)	Road Private	1/3/2027	1/4/2022
16	W2021Q0011	Northwest Territories Power Corporation	Quarrying	1/3/2027	1/4/2022
17	W2020X0005	CIRNAC-CARD	Miscellaneous	11/17/2026	11/18/2021
18	W2021X0004	Arctic Canadian Diamond Company Ltd.	Miscellaneous	10/18/2026	10/19/2021
19	W2021E0007	GNWT-INF (Sahtu)	Road Public	8/1/2026	8/2/2021
20	W2021L8-0002	GNWT-INF (Sahtu)	Miscellaneous	8/1/2026	8/2/2021
21	W2021I0006	Arctic Canadian Diamond Company Ltd.	Powerlines	7/22/2026	7/23/2021
22	W2008L2-0004	Fortune Minerals Limited	Mining and Milling	7/21/2026	7/21/2014
23	W2021J0003	Tlicho Government	Camp	7/2/2026	7/3/2021
24	W2016L8-0001	GNWT-INF (Sahtu)	Miscellaneous	5/29/2026	5/30/2019
25	W2020L8-0001	GNWT-INF	Miscellaneous	5/29/2026	11/19/2020
26	W2021L8-0001	GNWT-INF (Sahtu)	Miscellaneous	5/29/2026	7/3/2021
27	W2021X0001	Tlicho Government	Miscellaneous	4/25/2026	4/26/2021
28	W2021D0002	ArcticCanadian Diamond Company Ltd.	Mining Exploration - Mine Shaft	4/14/2026	4/15/2021
29	W2015L2-0001	Diavik Diamond Mines (2012) Inc.	Mining and Milling	12/31/2025	10/19/2015
30	W2020C0003	BFR Copper & Gold Inc.	Mining Exploration	5/5/2025	5/6/2020
31	W2020J0002	Diavik Diamond Mines (2012) Inc.	Camp	4/15/2025	4/16/2020
32	W2020X0001	GNWT-ENR	Miscellaneous	3/8/2025	3/9/2020
33	W2017C0005	Arctic Star Exploration Corp.	Mining Exploration	12/12/2024	12/13/2017
34	W2019C0002	Equity Metals Corporation	Mining Exploration	9/1/2024	9/2/2019
35	W2019S0001	GNWT-ENR	Geotechnical	7/8/2024	7/9/2019
36	W2017J0003	Arctic Canadian Diamond Company Ltd.	Camp	6/19/2024	6/20/2017
37	N1L4-0150	Northwest Territories Power Corporation	Power	5/29/2024	9/30/1986
38	W2014L4-0001	Dogrib Power Corporation	Power	5/29/2024	9/5/2014
39	W2016E0004	GNWT-INF (Sahtu)	Road Public	5/29/2024	5/30/2019
40	W2017C0002	Diavik Diamond Mines (2012) Inc.	Mining Exploration	5/18/2024	5/19/2017
41	W2017C0001	North Arrow Minerals Inc.	Mining Exploration	3/1/2024	3/2/2017
42	W2018C0008	Peregrine Diamonds Ltd.	Mining Exploration	2/26/2024	2/27/2019
43	W2018L2-0003	Nighthawk Gold Corp.	Mining and Milling	2/15/2024	2/15/2019
44	W2018L2-0002	Nighthawk Gold Corp.	Mining and Milling	2/15/2024	2/15/2019
45	W2018X0006	Nighthawk Gold Corp.	Miscellaneous	2/15/2024	2/15/2019
46	W2018C0007	Nighthawk Gold Corp.	Mining Exploration	2/14/2024	2/15/2019

Number	Authorization	Company	Activity Type	Expiry Date	Effective Date
47	W2016S0009	GNWT-INF (Sahtu)	Geotechnical	1/12/2024	1/13/2017
48	W2016J0008	GNWT-ENR	Camp	11/3/2023	11/4/2016
49	W2018C0004	Nor-West Rotors Ltd.	Mining Exploration	10/23/2023	10/24/2018
50	W2018C0005	Arctic Canadian Diamond Company Ltd.	Mining Exploration	10/23/2023	10/24/2018
51	W2020L2-0004	Arctic Canadian Diamond Company Ltd.	Mining and Milling	10/18/2023	8/19/2021
52	W2016D0005	Arctic Canadian Diamond Company Ltd.	Mining Exploration - Mine Shaft	7/18/2023	7/19/2016
53	W2016F0006	Arctic Canadian Diamond Company Ltd.	Road Private	7/18/2023	7/19/2016
54	W2018W0001	Sands Enterprises	Wood Ops	7/18/2023	7/19/2018
55	W2018C0002	Rover Metals Corp.	Mining Exploration	7/18/2023	7/19/2018
56	W2017D0004	Arctic Canadian Diamond Company Ltd.	Mining Exploration - Mine Shaft	7/11/2023	7/12/2018
57	W2016D0003	Arctic Canadian Diamond Company Ltd.	Mining Exploration - Mine Shaft	5/11/2023	5/12/2016
58	W2016C0002	Fortune Minerals Limited	Mining Exploration	3/23/2023	3/24/2016
59	W2020L8-0002	GNWT-INF	Miscellaneous	1/24/2023	1/25/2021

Mackenzie Valley Land and Water Board 2022 Authorizations: SE NWT



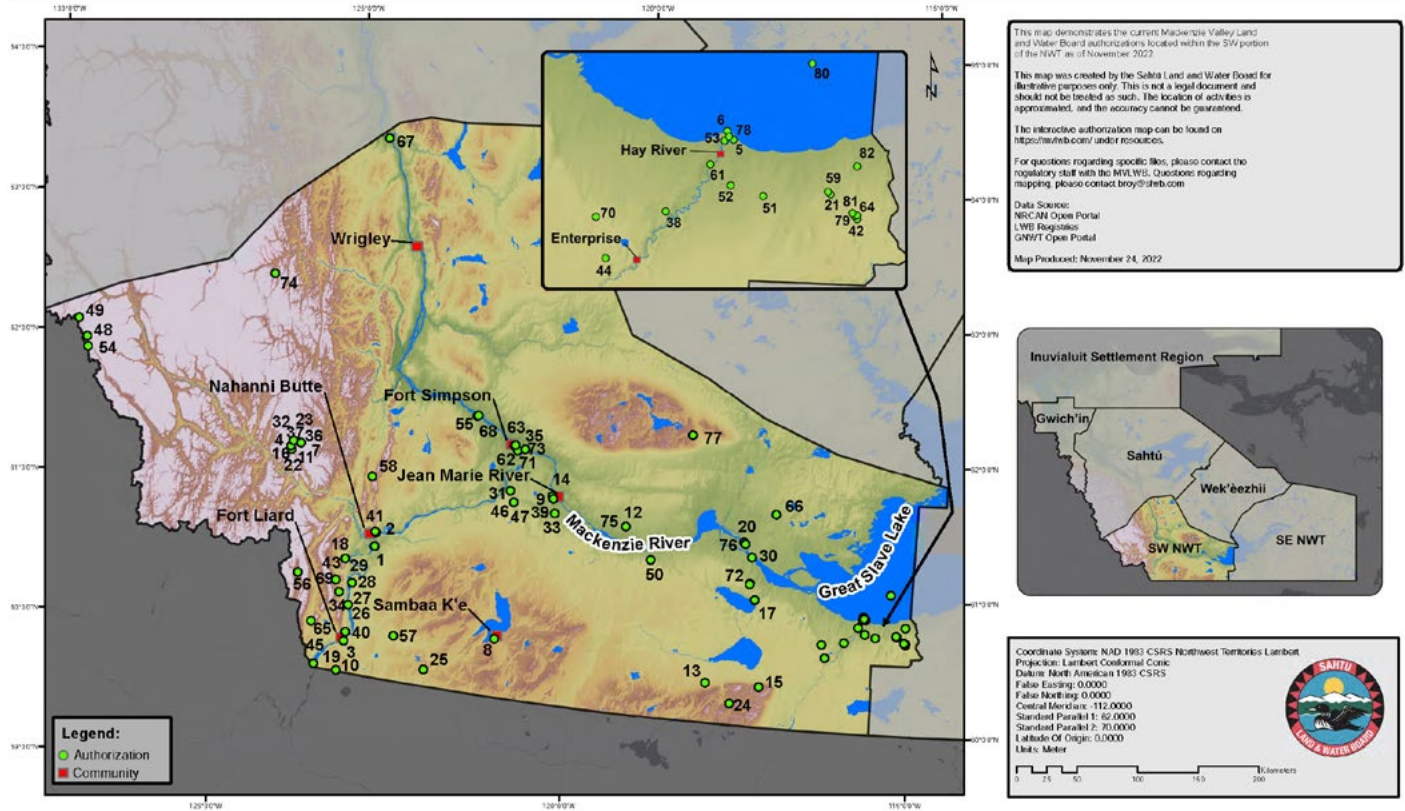
Number	Authorization	Company	Activity Type	Expiry Date	Effective Date
1	MV2020L4-0005	Northwest Territories Power Corporation	Power	4/2/2046	4/3/2021
2	MV2019L1-0001	Northwest Territories Power Corporation	Power	10/17/2044	10/18/2019
3	MV2015L8-0006	GNWT-INF	Miscellaneous	10/6/2040	10/7/2015
4	MV2007L8-0031	DIAND-GIANT	Miscellaneous	9/17/2040	9/18/2020
5	MV2021L3-0003	City of Yellowknife	Municipal	5/30/2037	5/31/2022
6	MV2019L2-0004	De Beers Canada Inc. – Snap Lake	Mining and Milling	6/13/2035	6/14/2020
7	MV2017L8-0008	Miramar Northern Mining Ltd.	Miscellaneous	1/21/2034	1/22/2019
8	MV2022L3-0003	Great Slave Lake Lodge	Municipal	7/10/2032	7/11/2022
9	MV2019L3-0009	Yellowknives Dene First Nation - Dettah	Municipal	2/12/2032	2/13/2020
10	MV2022C0001	Golden Pursuit Resources Ltd.	Mining Exploration	4/7/2029	4/8/2022
11	MV2022L2-0001	Golden Pursuit Resources Ltd.	Mining and Milling	4/7/2029	4/8/2022
12	MV2022L2-0002	Golden Pursuit Resources Ltd.	Mining and Milling	4/7/2029	4/8/2022
13	MV2020L8-0012	Pine Point Mining Limited	Miscellaneous	12/7/2028	12/8/2021
14	MV2005L2-0015	De Beers Canada Inc. – Gahcho Kue	Mining and Milling	9/30/2028	9/24/2014
15	MV2020L2-0010	NWT Rare Earths Ltd.	Mining and Milling	11/29/2027	5/22/2021
16	MV2017L2-0007	Teck Metals Ltd.	Mining and Milling	10/24/2027	10/25/2017
17	MV2020L2-0002	New Discovery Mines Ltd.	Mining and Milling	10/15/2027	10/16/2020

Number	Authorization	Company	Activity Type	Expiry Date	Effective Date
18	MV2011L4-0002	Northwest Territories Power Corporation	Power	8/29/2027	8/30/2012
19	MV2022X0010	GNWT-INF	Miscellaneous	8/7/2027	8/8/2022
20	MV2022X0007	Parsons Inc.	Miscellaneous	7/24/2027	7/25/2022
21	MV2022W0005	Timberworks Inc.	Wood Ops	6/20/2027	6/21/2022
22	MV2022X0004	GNWT-ENR	Miscellaneous	6/6/2027	6/7/2022
23	MV2021C0024	StrategX Elements Corp.	Mining Exploration	3/7/2027	3/8/2022
24	MV2021Q0020	Rowes Construction	Quarrying	11/11/2026	11/12/2021
25	MV2011L3-0001	Town of Fort Smith	Municipal	10/30/2026	10/31/2011
26	MV2021L0018	NorthwesTel Inc.	Communication Sites	10/11/2026	10/12/2021
27	MV2021L8-0008	Slave Lake Zinc	Miscellaneous	9/20/2026	9/21/2021
28	MV2021X0017	Grant Beck	Miscellaneous	9/20/2026	9/21/2021
29	MV2021H0008	Lutsel K'e Dene Lodges General Partner Inc.	Fuel Storage	7/8/2026	7/9/2021
30	MV2021D0009	De Beers Canada Inc. - Gahcho Kue	Mining Exploration - Mine Shaft	6/28/2026	6/29/2021
31	MV2021F0007	City of Yellowknife	Road Private	6/24/2026	6/25/2021
32	MV2021J0001	GNWT-ENR	Camp	3/28/2026	3/29/2021
33	MV2020Q0016	Arctic Holdings and Leasing Ltd.	Quarrying	1/31/2026	2/1/2021
34	MV2018L2-0006	Gold Terra Resources Corp.	Mining and Milling	1/16/2026	3/7/2019
35	MV2014L3-0008	Hamlet of Fort Resolution	Municipal	12/1/2025	12/2/2015
36	MV2020D0013	NWT Rare Earths Ltd.	Mining Exploration - Mine Shaft	11/29/2025	11/30/2020
37	MV2018L2-0004	507140 N.W.T. Ltd. (GoldMining Inc.)	Mining and Milling	10/17/2025	10/18/2018
38	MV2020C0003	New Discovery Mines Ltd.	Mining Exploration	10/15/2025	10/16/2020
39	MV2019X0007	DIAND-GIANT	Miscellaneous	8/6/2025	8/7/2020
40	MV2020X0004	Northwest Territories Power Corporation	Miscellaneous	7/1/2025	7/2/2020
41	MV2019X0028	GNWT-ENR	Miscellaneous	2/3/2025	2/4/2020
42	MV2019C0024	ExGen Resources Inc.	Mining Exploration	11/18/2024	11/19/2019
43	MV2022S0011	City of Yellowknife	Geotechnical	10/25/2024	10/26/2022
44	MV2017J0029	Blachford Lake Lodge	Camp	10/24/2024	10/25/2017
45	MV2017L3-0005	Blachford Lake Lodge	Municipal	10/24/2024	10/25/2017
46	MV2019S0022	SNC-Lavalin Inc.	Geotechnical	10/22/2024	10/23/2019
47	MV2017D0032	De Beers Canada Inc. - Snap Lake	Mining Exploration - Mine Shaft	10/11/2024	10/12/2017
48	MV2019X0012	Transport Canada	Miscellaneous	10/7/2024	10/8/2019
49	MV2017L8-0006	DIAND-GIANT	Miscellaneous	9/27/2024	9/28/2017
50	MV2019F0015	Northwest Territories Power Corporation	Road Private	8/1/2024	8/2/2019

Number	Authorization	Company	Activity Type	Expiry Date	Effective Date
51	MV2019L8-0008	Northwest Territories Power Corporation	Miscellaneous	8/1/2024	8/2/2019
52	MV2019X0013	City of Yellowknife	Miscellaneous	6/19/2024	6/20/2019
53	MV2017Q0002	Locust Mowing	Quarrying	5/24/2024	5/25/2017
54	MV2019L1-0003	KBL Environmental Ltd.	Industrial	5/15/2024	5/16/2019
55	MV2019X0006	Teck Metals Ltd.	Miscellaneous	5/15/2024	5/16/2019
56	MV2019X0008	GNWT-ITI	Miscellaneous	5/15/2024	5/16/2019
57	MV2019L8-0005	GNWT-ITI	Miscellaneous	5/15/2024	5/16/2019
58	MV2017X0017	GNWT-INF	Miscellaneous	5/14/2024	5/15/2017
59	MV2017X0018	GNWT-INF	Miscellaneous	5/14/2024	5/15/2017
60	MV2017C0012	Rover Metals Corp.	Mining Exploration	5/3/2024	5/4/2017
61	MV2019X0004	Environment Canada	Miscellaneous	4/30/2024	5/1/2019
62	MV2017X0005	Northwest Territories Power Corporation	Miscellaneous	4/5/2024	4/6/2017
63	MV2017X0007	GNWT-INF	Miscellaneous	3/15/2024	3/16/2017
64	MV2016C0037	Slave Lake Zinc	Mining Exploration	3/2/2024	3/3/2017
65	MV2013L2-0005	Kennady Diamonds	Mining and Milling	2/15/2024	2/27/2014
66	MV2016C0030	Kennady Diamonds	Mining Exploration	2/15/2024	2/16/2017
67	MV2021X0023	City of Yellowknife	Miscellaneous	2/8/2024	2/9/2022
68	MV2018C0023	Gold Terra Resources Corp.	Mining Exploration	1/16/2024	1/17/2019
69	MV2016L8-0006	CIRNAC-CARD	Miscellaneous	12/19/2023	12/19/2017
70	MV2016X0021	CIRNAC-CARD	Miscellaneous	12/18/2023	12/19/2016
71	MV2016L8-0004	CIRNAC-CARD	Miscellaneous	12/4/2023	12/4/2016
72	MV2016X0032	Joint Ventures Management Committee	Miscellaneous	12/4/2023	12/5/2016
73	MV2016X0013	CIRNAC-CARD	Miscellaneous	12/3/2023	12/4/2016
74	MV2016Q0002	Berton Construction & Rentals	Quarrying	11/16/2023	11/17/2016
75	MV2016C0007	ATW Resources Ltd.	Mining Exploration	11/2/2023	11/3/2016
76	MV2016C0022	Silver Bear Mines Inc.	Mining Exploration	11/2/2023	11/3/2016
77	MV2018Q0019	TDC Contracting Ltd.	Quarrying	10/25/2023	10/26/2018
78	MV2016L8-0003	CIRNAC-CARD	Miscellaneous	10/19/2023	11/29/2016
79	MV2016X0011	CIRNAC-CARD	Miscellaneous	10/18/2023	10/19/2016
80	MV2018C0021	507140 N.W.T. Ltd. (GoldMining Inc.)	Mining Exploration	10/17/2023	10/18/2018
81	MV2018X0015	City of Yellowknife	Miscellaneous	9/19/2023	10/18/2018
82	MV2016F0017	GNWT-AC (Thebacha Campus)	Road Private	8/23/2023	8/24/2016
83	MV2021X0012	City of Yellowknife	Miscellaneous	8/2/2023	8/3/2021
84	MV2018Q0006	CJ Contracting Ltd.	Quarrying	8/1/2023	8/2/2018

Number	Authorization	Company	Activity Type	Expiry Date	Effective Date
85	MV2018C0014	Norse Gold	Mining Exploration	7/18/2023	7/19/2018
86	MV2021L8-0007	Northwest Territories Power Corporation	Miscellaneous	6/18/2023	6/17/2021
87	MV2018X0009	Laughing Lichen Wildcrafted Herbs and Tea	Miscellaneous	5/23/2023	5/24/2018
88	MV2021X0004	City of Yellowknife	Miscellaneous	4/21/2023	4/22/2021
89	MV2018C0001	De Beers Canada Inc. - Gahcho Kue	Mining Exploration	3/28/2023	3/29/2018
90	MV2017F0035	Nahanni Construction Ltd.	Road Private	1/29/2023	1/30/2018
91	MV2016Q0036	Fort Smith Construction NT Ltd.	Quarrying	12/3/2022	12/4/2017
92	MV2015X0019	Department of National Defence	Miscellaneous	12/2/2022	12/3/2015
93	MV2021Q0022	HR Racing & Mobile Mechanic Ltd.	Quarrying	3/8/2027	3/9/2022
94	MV2021J0002	GNWT-ENR	Camp	3/28/2026	3/29/2021

Mackenzie Valley Land and Water Board 2022 Authorizations: SW NWT

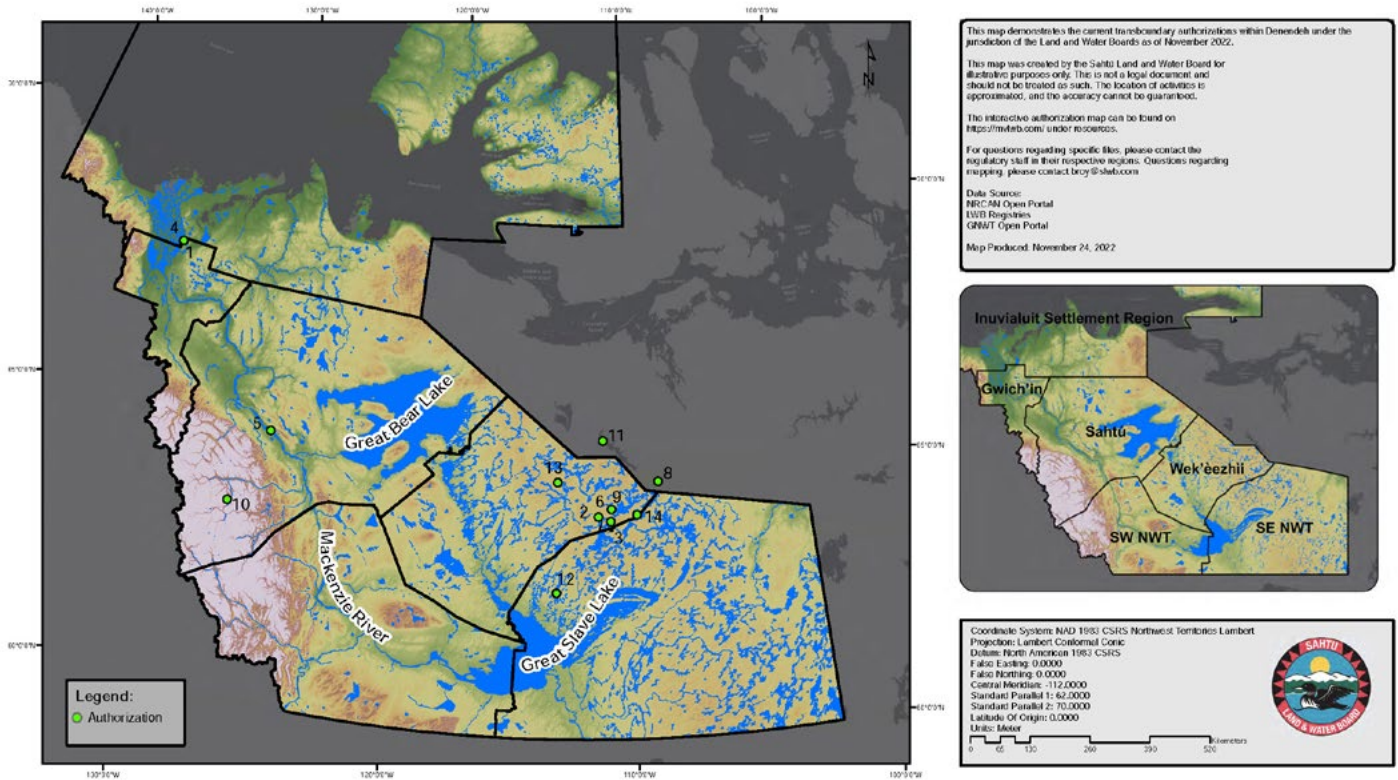


Number	Authorization	Company	Activity Type	Expiry Date	Effective Date
1	MV2014L8-0006	Canadian Zinc Corporation	Miscellaneous	11/12/2039	1/13/2019
2	MV2019L8-0002	Canadian Zinc Corporation	Miscellaneous	11/12/2039	11/13/2019
3	MV2019L3-0007	Hamlet of Fort Liard	Municipal	2/12/2035	2/13/2020
4	MV2021L2-0004	Canadian Zinc Corporation	Mining and Milling	9/22/2032	9/23/2022
5	MV2019L3-0010	Town of Hay River	Municipal	1/30/2031	1/31/2021
6	MV2019L8-0014	GNWT-MTS	Miscellaneous	5/11/2030	5/12/2020
7	PC2014L8-0006	Canadian Zinc Corporation	Miscellaneous	11/21/2029	11/22/2019
8	MV2018L3-0001	Samba Ke First Nation	Municipal	2/20/2029	2/21/2019
9	MV2021L1-0009	Imperial Oil Limited	Industrial	11/11/2028	11/12/2021
10	MV2021L1-0006	Paramount Resources Ltd.	Industrial	7/27/2028	7/28/2021
11	MV2021D0005	Canadian Zinc Corporation	Mining Exploration - Mine Shaft	8/9/2027	8/10/2022
12	MV2022W0006	Digaa Enterprises Ltd.	Wood Ops	6/22/2027	6/23/2022
13	MV2021X0015	Suncor Energy Inc.	Miscellaneous	11/23/2026	11/24/2021
14	MV2021X0019	Imperial Oil Limited	Miscellaneous	11/11/2026	11/12/2021
15	MV2021W0016	Patterson Sawmill Ltd.	Wood Ops	11/1/2026	11/2/2021

Number	Authorization	Company	Activity Type	Expiry Date	Effective Date
16	MV2019L2-0006	Canadian Zinc Corporation	Mining and Milling	9/8/2026	9/9/2019
17	MV2021X0014	Ka'a' Gee Tu First Nation	Miscellaneous	9/6/2026	9/7/2021
18	MV2020L1-0011	Canadian Natural Resources Ltd.	Industrial	8/26/2026	12/29/2021
19	MV2021A0006	Paramount Resources Ltd.	Oil and Gas	7/27/2026	7/28/2021
20	MV2016L3-0001	Hamlet of Fort Providence	Municipal	7/5/2026	7/6/2016
21	MV2021Q0011	ProCore Drilling Ltd.	Quarrying	6/28/2026	6/29/2021
22	MV2020L2-0003	Canadian Zinc Corporation	Mining and Milling	2/11/2026	2/12/2021
23	MV2020D0007	Canadian Zinc Corporation	Mining Exploration - Mine Shaft	2/28/2025	12/29/2020
24	MV2010L1-0001	Strategic Oil and Gas Ltd.	Industrial	12/9/2025	12/10/2010
25	MV2018L1-0005	Paramount Resources Ltd.	Industrial	12/9/2025	12/10/2018
26	MV2020A0009	Paramount Resources Ltd.	Oil and Gas	11/19/2025	11/20/2020
27	MV2020L1-0006	Paramount Resources Ltd.	Industrial	11/19/2025	11/20/2020
28	MV2020A0010	Paramount Resources Ltd.	Oil and Gas	11/19/2025	11/20/2020
29	MV2020L1-0007	Paramount Resources Ltd.	Industrial	11/19/2025	11/20/2020
30	MV2020L8-0004	GNWT-INF	Miscellaneous	9/30/2025	10/1/2020
31	MV2020Q0005	Nogha Enterprises Ltd.	Quarrying	9/10/2025	9/11/2020
32	MV2020C0008	Canadian Zinc Corporation	Mining Exploration	9/1/2025	9/2/2020
33	MV2020W0002	Jean Marie River First Nation	Wood Ops	8/6/2025	8/7/2020
34	MV2019X0016	Obsidian Energy Ltd.	Miscellaneous	7/9/2025	7/10/2020
35	MV2015L3-0001	Village of Fort Simpson	Municipal	6/30/2025	7/1/2015
36	PC2014F0013	Canadian Zinc Corporation	Road Private	11/21/2024	11/22/2019
37	MV2014F0013	Canadian Zinc Corporation	Road Private	11/12/2024	11/13/2019
38	MV2019Q0023	Rowes Construction	Quarrying	11/12/2024	11/13/2019
39	MV2019X0020	Valard Construction (Telecom Division)	Miscellaneous	10/22/2024	10/23/2019
40	MV2019S0017	GNWT-INF	Geotechnical	9/10/2024	9/11/2019
41	MV2019T0021	Canadian Zinc Corporation	Staging Area	9/2/2024	9/3/2019
42	MV2017Q0028	Katlocheeche First Nation	Quarrying	8/31/2024	9/1/2017
43	MV2019X0014	Canadian Natural Resources Ltd.	Miscellaneous	8/25/2024	8/26/2019
44	MV2014L3-0007	Hamlet of Enterprise	Municipal	8/12/2024	8/13/2014
45	MV2017L8-0003	Paramount Resources Ltd.	Miscellaneous	6/14/2024	6/15/2017
46	MV2017X0020	GNWT-ENR	Miscellaneous	6/6/2024	6/7/2017
47	MV2017L8-0004	GNWT-ENR	Miscellaneous	6/6/2024	6/7/2017
48	MV2019S0009	North American Tungsten	Geotechnical	6/5/2024	6/6/2019
49	MV2019C0005	Vanadium North Resources Inc.	Mining Exploration	5/15/2024	5/16/2019
50	MV2017X0019	GNWT-INF	Miscellaneous	5/14/2024	5/15/2017

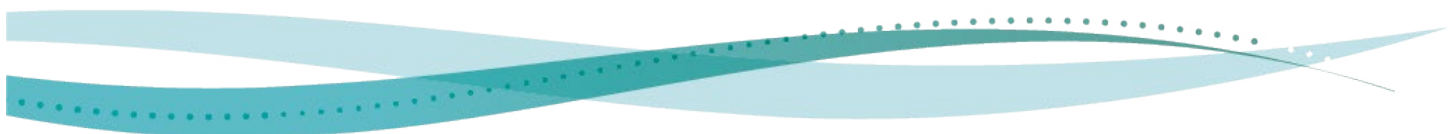
Number	Authorization	Company	Activity Type	Expiry Date	Effective Date
51	MV2017Q0006	Katlocheeche First Nation	Quarrying	4/19/2024	4/20/2017
52	MV2019Q0001	Carter Industries Ltd.	Quarrying	3/6/2024	3/7/2019
53	MV2018L7-0002	Town of Hay River	Recreational	2/6/2024	2/7/2019
54	MV2015L2-0003	North American Tungsten	Mining and Milling	1/27/2024	1/28/2016
55	MV2016Q0031	Rowes Construction	Quarrying	1/11/2024	1/12/2017
56	MV2018X0017	G360 Institute for Groundwater Research	Miscellaneous	12/9/2023	12/10/2018
57	MV2018A0022	Paramount Resources Ltd.	Oil and Gas	12/9/2023	12/10/2018
58	MV2016E0025	GNWT-INF	Road Public	12/4/2023	12/5/2016
59	MV2016Q0027	Trade Show Direct Ltd.	Quarrying	11/15/2023	11/16/2016
60	MV2016Q0024	Cherdon Enterprises Ltd.	Quarrying	11/1/2023	11/2/2016
61	MV2018X0020	GNWT-ENR	Miscellaneous	10/3/2023	10/4/2018
62	MV2018X0016	GNWT-ENR	Miscellaneous	8/29/2023	8/30/2018
63	MV2022X0008	Parsons Inc	Geotechnical	8/18/2023	8/19/2022
64	MV2018Q0008	Hay River Disposals Ltd.	Quarrying	8/15/2023	8/16/2018
65	MV2018X0002	Prairie Provident Resources Canada Ltd.	Miscellaneous	8/1/2023	8/2/2018
66	MV2016X0008	GNWT-ENR	Miscellaneous	7/19/2023	7/20/2016
67	MV2016E0006	GNWT-INF	Road Public	6/8/2023	6/9/2016
68	MV2017Q0033	Nogha Enterprises Ltd.	Quarrying	5/23/2023	5/24/2018
69	MV2017X0034	Canadian Natural Resources Ltd.	Miscellaneous	3/28/2023	3/29/2018
70	MV2018Q0003	Rowes Construction	Quarrying	3/28/2023	3/29/2018
71	MV2017L1-0002	Enbridge Pipelines (NW) Inc.	Industrial	3/8/2023	3/9/2018
72	MV2015Q0022	Rowes Construction	Quarrying	2/17/2023	2/18/2016
73	MV2017P0013	Enbridge Pipelines (NW) Inc.	Pipeline	2/1/2023	2/2/2018
74	MV2015J0001	South Nahanni Outfitters Ltd.	Camp	1/6/2023	1/7/2016
75	MV2015W0018	Digaa Enterprises Ltd.	Wood Ops	12/2/2022	12/3/2015
76	MV2020X0012	Hamlet of Fort Providence	Miscellaneous	11/29/2022	11/30/2020
77	MV2018C0011	NWT Rare Earths Ltd.	Mining Exploration	6/19/2023	6/20/2018
78	MV2021L1-0001	GNWT-MTS	Industrial	5/30/2026	5/31/2021
79	MV2021Q0013	Raine Trucking Ltd.	Quarrying	10/25/2026	10/26/2021
80	MV2020C0017	Pine Point Mining Limited	Mining Exploration	11/11/2026	11/2/2021
81	MV2021Q0021	Rowes Construction	Quarrying	12/21/2026	12/22/2021
82	MV2022Q0003	Carter Industries Ltd.	Quarrying	5/26/2027	5/27/2022

Mackenzie Valley Land and Water Board: 2022 Transboundary Authorizations in Denendeh



Number	Authorization	Company	Activity Type	Expiry Date	Effective Date
1	MV2019L8-0013	Government of Yukon - Department of Highways and Public Works	Miscellaneous	8/30/2027	8/31/2020
2	MV2019L2-0011	Seabridge Gold (NWT) Inc.	Mining and Milling	3/26/2027	3/27/2020
3	MV2020L0014	NorthwesTel Inc.	Communication Sites	1/27/2026	1/28/2021
4	MV2019X0027	Government of Yukon - Department of Highways and Public Works	Miscellaneous	8/30/2025	8/31/2020
5	MV2020P0006	Enbridge Pipelines (NW) Inc.	Pipeline	7/22/2025	7/23/2020
6	MV2019C0025	Seabridge Gold (NWT) Inc.	Mining Exploration	3/26/2025	3/27/2020
7	MV2019L2-0012	Seabridge Gold (NWT) Inc.	Mining and Milling	3/26/2025	3/27/2020
8	MV2019C0030	Arctic Canadian Diamond Company Ltd.	Mining Exploration	2/24/2025	2/25/2020
9	MV2019C0031	Arctic Canadian Diamond Company Ltd.	Mining Exploration	2/24/2025	2/25/2020
10	MV2019C0029	Redbed Resources Corp.	Mining Exploration	2/3/2025	2/4/2020

Number	Authorization	Company	Activity Type	Expiry Date	Effective Date
11	MV2019F0026	Nahanni Construction Ltd.	Road Private	11/18/2024	11/19/2019
12	MV2017X0008	GNWT-INF	Miscellaneous	4/19/2024	4/20/2017
13	MV2019F0002	RTL - Robinson Enterprises Ltd.	Road Private	2/27/2024	2/28/2019
14	MV2018C0010	Peregrine Diamonds Ltd.	Mining Exploration	9/19/2023	9/20/2018



CONTACT US



Mackenzie Valley Land and Water Board

P.O. Box 2130
 4922 - 48th Street
 7th Floor YK Centre Mall
 Yellowknife, NT X1A 2P6
 Main office: (867) 669-0506
 Executive Director:
 Kathy Racher
 (867) 766-7457,
kracher@mvlwb.com



Gwich'in Land and Water Board

P.O. Box 2018
 105 Veterans Way Inuvik,
 NT X0E 0T0
 Main office: (867) 777-4954
 Executive Director:
 Leonard DeBastien,
 (867) 777-4954, ex. 2,
L.Debastien@glwb.com



Sahtu Land and Water Board

Box 1 Fort Good Hope,
 NT X0E 0H0
 Main office: (867) 598-2413
 Executive Director:
 Paul Dixon,
 (867) 598-2413 ext. 222,
paul.dixon@slwb.com



Wek'èezhìi Land and Water Board

Wekweèti Office
 Box 32 Wekweèti,
 NT X0E 1W0
 Main Office: (867) 713-2500
 Yellowknife Office
#1-4905 48th Street
Yellowknife,
NT X1A 3S3
 Main office: (867) 765-4592
 Executive Director:
 Ryan Fequet,
 (867) 765-4589,
rfequet@wlwb.ca

