June 30, 2025
by EMAIL

Mark Cliffe-Phillips
Executive Director
Mackenzie Valley Environmental Impact Review Board
PO BOX 938
YELLOWKNIFE NT X1A 2N7

Dear Mark Cliffe-Phillips:

Government of the Northwest Territories' 2025 Annual Environmental Assessment Measures Report for the Canadian Zinc Corporation Ltd.'s Prairie Creek All-Season Road Project (EA1415-01)

On behalf of the Government of the Northwest Territories (GNWT), I am writing to share the 2025 Annual Environmental Assessment Measures Report (Annual Report) for Canadian Zinc Corporation Ltd.'s Prairie Creek All-Season Road Project (the Project). The attached report summarizes the GNWT's actions between July 1, 2024, and June 30, 2025. This report is required by the October 9, 2018, decision letter on EA1415-01 from the then-Minister of Crown-Indigenous Relations and Northern Affairs, on behalf of responsible ministers, and by subsection 130(5) of the *Mackenzie Valley Resource Management Act.*

Requirements for this report are specified in Measure 15-3, Annual Reporting from Regulatory Authorities and Government, in the Mackenzie Valley Environmental Impact Review Board's (Review Board) Report of Environmental Assessment (Report of EA), for the Project.

For reference, the GNWT's past reporting on actions taken in 2023-2024 is also included in the table. There is one measure directed wholly or in part to the GNWT:

- Measure 6-2, Part 1: GNWT to require a Wildlife Management and Monitoring Plan (WMMP)

The effectiveness of the measure has not been assessed because the Project is still in the early stages.

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The GNWT will continue to report on and participate in review processes for measures that are not directed at it. Please refer to the attached report for details. Further, the GNWT will continue to work on measure implementation and reporting with resource management boards, Parks Canada, Canadian Zinc Corporation Ltd., and other parties to the Prairie Creek All-Season Road Environmental Assessment.

As appropriate, the GNWT will continue to consider the Review Board's suggestions as set out in the Report of EA.

Should the Review Board or any parties have questions regarding the attached materials, please contact Kelvin Igwe, Project Assessment Analyst, Project Assessment Branch, Environment and Climate Change, at Kelvin_Igwe@gov.nt.ca or (867) 767-9180 Ext. 24025.

Sincerely,

Lorraine Seale
Director
Impact Assessment and Security Management
Environment and Climate Change

Attachment

2025 ANNUAL ENVIRONMENTAL ASSESSMENT MEASURES REPORT

CANADIAN ZINC CORPORATION LTD.'s PRAIRIE CREEK ALL-SEASON ROAD PROJECT (EA1415-01)

SUBMITTED TO: Mackenzie Valley Environmental Impact Review Board

June 30, 2025

Government of
Northwest Territories

Preamble

The only measure directed at the Government of Northwest Territories (GNWT) is Measure 6-2, Part 1. Content includes information on measures in which the GNWT participated during the current reporting period and those that may require the GNWT's participation in subsequent reporting periods.

Measures that may require GNWT participation are:

Measure 5-2: Traffic Control Mitigation and Management Plan, Part 2;
Measure 6-1: Wildlife Management, Part 2 and 3;
Measure 6-2: Wildlife Management Monitoring Plan, Part 2 and 3;
Measure 6-3: Reducing the risk of vehicle collisions with wildlife;
Measure 8-1: Water baseline data, mitigation, monitoring, and adaptive management, Part 1 to 5;
Measure 9-1: Effects mitigation, baseline data, and management for the Sundog Creek diversion, Part 2 to 5;
Measure 10-2: Archaeological Impact Assessment;
Measure 11-1: Rare plant and rare plant assemblage baseline surveys and management in the Nahanni National Park Reserve, Part 2
Measure 11-2: Invasive Species Management, Part 3 and 4;
Measure 12-1: Permafrost Management Part 1 to 4; and
Measure 15-1: Monitoring by the Developer, Part 1 and 2.

The GNWT provides the responses found in the "2025 Detail on Measure Progress" column to meet the annual reporting requirements for Measure 15-3 of the Canadian Zinc Corporation Ltd. (CanZinc) EA1415-01 Environmental Assessment Report.

Measure 15-3: Annual reporting from government and regulatory authorities
In order to evaluate the effectiveness of mitigation measures for the protection of the environment, each regulatory authority or government that is wholly or partly responsible for the implementation of any measure in this Report of EA will prepare an annual Report on the Implementation of Measures. The Report will:

a) describe the actions being undertaken to implement the measures or the part(s) of the measures for which the regulatory authority or government is responsible; and
b) explain how these actions, including those implemented through adaptive management, fulfill the intent of the EA measures, including consideration of the following questions:

i. How are implementation actions addressing a likely significant adverse impact on the environment?
ii. How effective are implementation actions at reducing, controlling, or eliminating the impact or its likelihood?

Government and regulators will provide a copy of this annual report to the Review Board by **June 30** of each year.

EA1415-01 Report of EA Chapter Reference	Text of Measure	Party Responsible	2024 detail on measure progress for measures assigned in whole or in part to the GNWT.	2025 detail on measure progress for measures assigned in whole or in part to the GNWT.
5. Human Safety	**Measure 5-2: Traffic Control Mitigation and Management Plan**			
	5-2, Part 2: Managing traffic on the road CanZinc will include all the mitigations it has identified for controlling non-mine traffic on the road in the Traffic Control Mitigation and Management Plan. The plan will describe roles and responsibilities for non- mine traffic mitigation and monitoring. At a minimum CanZinc will: i. exercise its right to control access on the lease parcels at the Liard River to control non-mine traffic. ii. operate a checkpoint when haul trucks are using the road and document all traffic known to be on the road; and iii. install signs indicating that the road is operated as a mine haul road and any public traffic using the road does so entirely at its own risk. In the Traffic Control Mitigation and Management Plan, CanZinc will also address mitigation and management strategies for all traffic on the road, including how this relates to the Journey Management System that CanZinc intends to use for mine traffic. Mitigations to increase safety on the road with both mine and non-mine traffic present should consider: a) the independent technical review panel's conclusions on road design and safety; and, b) data sources that can provide information about high wildlife collision areas and non-mine traffic presence (such as wildlife camera traps [see Measure 6-3] and the harvest monitoring program [see Suggestion 7-1]). CanZinc will monitor non-mine traffic on the road and establish adaptive management, following the guidance in Appendix B of this Report of EA, within the Traffic Control Mitigation and Management Plan.	CanZinc	Measure is not directed to the GNWT. The GNWT provided feedback on the Traffic Control Mitigation and Road Operations and Maintenance Plan (Traffic Plan) through an early engagement process initiated by CanZinc. The Traffic Plan, version 3, was submitted to the Mackenzie Valley Land and Water Board for public review on May 3, 2024. There were no further comments on the plan during the public review on the Online Review System.	Measure is not directed to the GNWT. There were no requests via the Mackenzie Valley Land and Water Board's (MVLWB) Online Review System (ORS) to review documents associated with this measure during the reporting period.

6. Wildlife and Wildlife Habitat	**Measure 6-1: Wildlife Management**			
EA1415-01 Report of EA Chapter Reference	**Text of Measure**	**Party Responsible**	**2024 detail on measure progress for measures assigned in whole or in part to the GNWT.**	**2025 detail on measure progress for measures assigned in whole or in part to the GNWT.**
	6-1 , Part 2: Collection of baseline wildlife information for caribou, collared pika and bird species at risk that occur in the area The purpose of this baseline information collection is to confirm the presence or absence of listed wildlife species in the Project area, their population size, seasons of use and important habitat for species described below in the All Season Road corridor. In order to support Part 1, the developer will: a) submit a baseline survey plan for review and approval to Parks Canada within the NNPR and to GNWT on territorial lands; b) conduct baseline surveys for northern mountain caribou, boreal caribou, collared pika, and bird species at risk; c) use recognized methods and standards approved by Parks Canada within NNPR, by GNWT on territorial lands, and by ECCC for species at risk; d) conduct surveys at the direction and approval of Parks Canada within NNPR and of the GNWT on territorial lands; e) complete surveys prior to road construction; f) share its baseline wildlife information with Aboriginal organizations, including NBDB, LKFN and DFN; and, g) present the results of its baseline information collection with Aboriginal organizations, including NBDB, LKFN and DFN, in a culturally-appropriate way.	CanZinc	Measure is not directed to the GNWT. The GNWT will continue to participate in review processes as required. CanZinc submitted their annual report for the All-Season Road Phase 1 WMMP to ECC on May 07, 2024. This report included the details of pre- construction surveys for raptor nests and bear dens, as well as collared pika habitat and site occupancy. The annual report was posted to the Online Review System (ORS) on May 29, 2024 for review and comment. CanZinc's responses to comments are due July 4, 2024.	Measure is not directed to the GNWT. The GNWT will continue to participate in review processes as required. For additional information, refer to the update on measure 6-2, Part 1: GNWT to require a WMMP.

	6-1 , Part 3: Wildlife monitoring programs In order to reduce adverse impacts on wildlife so they are no longer significant, the developer will prepare and implement a systematic monitoring program(s) for wildlife that may be affected by the Project. The developer will: a) submit monitoring program(s) for review and approval to Parks Canada within the NNPR and GNWT on territorial lands; b) focus on monitoring of northern mountain caribou, boreal caribou, collared pika, and bird species at risk; c) use recognized methods and standards approved by Parks Canada within NNPR, by GNWT on territorial lands, and by ECCC for species at risk; d) conduct monitoring through all phases of the Project; e) formalize monitoring programs within the Wildlife Management and Mitigation Plan (Measure 6-2); f) provide annual monitoring reports to Parks Canada, GNWT, ECCC, NBDB, LKFN and DFN; g) share its wildlife monitoring data with Aboriginal organizations including NBDB, LKFN and DFN; and, h) present the results of its wildlife monitoring programs to Aboriginal organizations, including NBDB, LKFN and DFN, in a culturally appropriate way.	CanZinc	Measure is not directed to the GNWT. <u>Phase 1 Wildlife Management and Monitoring Plan (WMMP)</u> On September 1, 2023, GNWT-ECC sent a letter to CanZinc outlining issues of non-compliance, mostly related to meeting the reporting requirements. On December 11, 2023, CanZinc responded to GNWT-ECC's non-compliance letter. CanZinc indicated they would provide the Annual report for the Phase 1 WMMP by January 31, 2024, but they did not meet this deadline. The annual report was provided to GNWT-ECC on May 07, 2024, and has been posted to the ORS for review and comment. <u>Phase 2 WMMP</u> On June 20, 2023, CanZinc submitted a draft Phase 2 WMMP to GNWT-ECC and Parks Canada for preliminary review. On September 01, 2023, GNWT-ECC submitted comments on the draft Phase 2 WMMP to CanZinc. On October 23, 2023, CanZinc hosted a workshop in Yellowknife to discuss comments on the draft Phase 2 WMMP. On January 20, 2024, GNWT-ECC and CanZinc signed an MOU for the deployment of collars on boreal caribou to monitor the impacts of the all-season road project. Through the	Measure is not directed to the GNWT. The GNWT will continue to participate in review processes as required. For additional information, refer to the update on measure 6-2, Part 1: GNWT to require a WMMP.

			MOU, CanZinc is providing financial support toward the cost of the purchase and deployment of the collars. From February 21 to 25, 2024, GNWT-ECC deployed five collars on boreal caribou near the CanZinc all-season road alignment, east of Nahanni National Park Reserve. Ten collars are left to deploy and are planned to be deployed in the first quarter of 2025. GNWT-ECC is awaiting formal submission of the Phase 2 WMMP from CanZinc, which will initiate a conformity review, and a public comment period, prior to an approval decision by GNWT-ECC and Parks Canada. <u>Phase 3 WMMP</u> Draft Phase 3 WMMP not yet submitted.	

EA1415-01 Report of EA Chapter Reference	Text of Measure	Party Responsible	2024 detail on measure progress for measures assigned in whole or in part to the GNWT.	2025 detail on measure progress for measures assigned in whole or in part to the GNWT.
	Measure 6-2: Wildlife Management and Monitoring Plan			
	6-2, Part 1: GNWT to require a WMMP In order to reduce adverse impacts on wildlife and wildlife habitat so they are no longer significant, GNWT will require the developer to prepare and implement a Wildlife Management and Monitoring Plan. The GNWT will: a) require that the developer prepare a WMMP under the legal authority of Section 95(1) of the *Wildlife Act* for portions of the Project in its jurisdiction; and b) include opportunity for public review of and comment on the final WMMP prior to construction and on updates to the WMMP throughout the life of the Project.	GNWT-ECC	Refer to the update on measure 6-1, Part 3: Wildlife monitoring programs[1].	Key WMMP documents, including the current approved WMMP and associated reports, are posted on the GNWT-ECC webpage "WMMP Resources." 6-2, Part 1a The GNWT completed Part 1a of Measure 6-2 in 2017. On October 27, 2017, Environment and Climate Change (ECC) (then Environment and Natural Resources) notified Canadian Zinc (CanZinc), that in accordance with the section 95 of the *Wildlife Act* a WMMP is required for the Prairie Creek All-season Road (EA1415-01 public registry #578). On October 14, 2022 GNWT-ECC informed CanZinc that the approval conditions have been met. 6-2, Part 1b Phase 1 WMMP - approval GNWT-ECC and Parks Canada facilitated a public review of the WMMP and the GNWT-ECC conditionally approved the WMMP for Phase 1 of the Prairie Creek All-season Road on August 10, 2022.

[1] In the 2025 report and future reports, GNWT will report on its WMMP activities under Measure 6-2.

				Phase 1 WMMP – review of the annual report CanZinc submitted their annual report for the All-season Road Phase 1 WMMP to ECC and Parks Canada on May 07, 2024. The WMMP Annual Report included the details of pre-construction surveys for raptor nests and bear dens, as well as collared pika habitat and site occupancy. Comments and recommendations from reviewers and the responses from the proponent that were submitted during the 2024 public review of the WMMP Annual Report can be viewed on the Online Review System (ORS). Phase 2 WMMP As noted in the GNWT's 2024 Annual Measures Reporting for EA1415-01, in 2023,GNWT-ECC submitted comments on CanZinc's draft Phase 2 WMMP that was provided to the GNWT-ECC and Parks Canada for preliminary review and attended a workshop hosted by CanZinc to discuss comments on the draft Phase 2 WMMP. The draft Phase 2 WMMP contained the mitigation measures and monitoring programs intended to address Measure 6-3. As of May 22, 2025, GNWT-ECC is awaiting formal submission of the Phase 2 WMMP from CanZinc, which will initiate a conformity review, and a

				public comment period, prior to an approval decision by GNWT-ECC and Parks Canada. As noted in the previous reporting under Measure 6-1, Part 3, GNWT-ECC and CanZinc signed a Memorandum of Understanding for the deployment of collars on boreal caribou to monitor the impacts of the all-season road project on January 20, 2024. Through the MOU, CanZinc is providing financial support toward the cost of the purchase and deployment of the collars. From February 21 to 28, 2025, GNWT-ECC deployed eleven collars on boreal caribou near the CanZinc all-season road alignment, east of Nahanni National Park Reserve. <u>Phase 3 WMMP</u> Draft Phase 3 WMMP not yet submitted.
	6-2, Part 2: Parks Canada to require a WMMP In order to reduce adverse impacts on wildlife and wildlife habitat so they are no longer significant, Parks Canada will require the developer to prepare and implement a Wildlife Management and Monitoring Plan. Parks Canada will: a. require that the developer prepare a WMMP as a condition of an authorization for the portions of the road in its jurisdiction; and b. include opportunity for public review of and comment on the final WMMP prior to construction and on updates to the WMMP throughout the life of the Project.	Parks Canada | CanZinc	Measure is not directed to the GNWT.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated with this measure during the reporting period. The GNWT will continue to participate in review processes as required.

	6-2, Part 3: Developer to prepare and implement a WMMP The developer will: a. update its draft WMMP to include all commitments and mitigations agreed to or recommended by its consultants throughout the EA; b. develop an adaptive management framework that links the results of monitoring with adjustments to mitigations as part of the WMMP that satisfies the requirements set out in Appendix B of this report; c. describe how the monitoring data is linked with adaptive management in the Traffic Control and Management Plan; d. submit its updated WMMP to the wildlife regulators described in Parts 1 and 2 for review and approval prior to construction; and e. prepare and submit an annual report to wildlife regulators on the effectiveness of the WMMP that includes a description of how the adaptive management framework was used to address Project impacts.	CanZinc	Measure is not directed to the GNWT.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated with this measure during the reporting period. The GNWT will continue to participate in review processes as required.
	Measure 6-3 Reducing the risk of vehicle collisions with wildlife			
	6-3: Reducing the risk of vehicle collisions with wildlife In order to reduce the likelihood of significant impacts on wildlife from collisions with vehicles along the road, the developer will identify and communicate wildlife caution zones to road users. The details of this approach will be incorporated into the developer's WMMP (referred to in Measure 6-2) and will include:	CanZinc	Measure is not directed to the GNWT. <u>Phase 2 WMMP</u> On June 20, 2023, CanZinc submitted a draft Phase 2 WMMP to GNWT-ECC and Parks Canada for preliminary review which contained the mitigation measures and monitoring programs intended to address Measure 6-3.	Measure is not directed to the GNWT. Refer to the update on measure 6-2, Part 1: GNWT to require a WMMP for additional information.

EA1415-01 Report of EA Chapter Reference	Text of Measure	Party Responsible	2024 detail on measure progress for measures assigned in whole or in part to the GNWT.	2025 detail on measure progress for measures assigned in whole or in part to the GNWT.
	a) a description of how wildlife information from drivers will be collected and recorded to inform the selection of wildlife crossing areas; b) a detailed system for identifying wildlife (specifically big game as defined in the Wildlife Act) caution zones and marking them along the road (such as where sightings or collisions have occurred or where Traditional Knowledge identifies trails); c) use of a remote camera trap system to identify wildlife road crossing areas and identify non-mine related traffic; d) annual reporting of wildlife sightings by drivers that includes vehicle collisions with wildlife, locations of signage for wildlife caution zones and whether they were modified based on operational experience; e) annual reporting to regulators of remote camera log results, locations of primary wildlife crossings and how wildlife caution zones were modified based on monitoring results (if applicable); and, f) annual reporting to regulators on road use by non-mine vehicles using data from remote camera logs. The GNWT will regulate this measure on territorial lands and Parks Canada will regulate this measure within the NNPR. Reporting will be included in the WMMP annual report.		On September 01, 2023, GNWT-ECC submitted comments on the draft Phase 2 WMMP to CanZinc. On October 23, 2023, CanZinc hosted a workshop in Yellowknife to discuss comments on the draft Phase 2 WMMP. As of June 24, 2024, GNWT-ECC is awaiting CanZinc's formal submission of the Phase 2 WMMP, which will initiate a conformity review and a public comment period prior to an approval decision by GNWT-ECC and Parks Canada.	

8. Water quality and quantity	**Measure 8-1: Water baseline data, mitigation, monitoring, and adaptive management**			
EA1415-01 Report of EA Chapter Reference	**Text of Measure**	**Party Responsible**	**2024 detail on measure progress for measures assigned in whole or in part to the GNWT.**	**2025 detail on measure progress for measures assigned in whole or in part to the GNWT.**
	8-1 , Part 1: Introduction To ensure that the road and crossings are designed to an appropriate standard, and constructed and operated in a manner that will be protective of the environment, CanZinc will: i. collect additional baseline data; ii. identify and implement appropriate mitigation to prevent significant adverse impacts; iii. combine monitoring programs and plans to coordinate water monitoring efforts; and iv. incorporate principles of adaptive management into road and crossing design and monitoring. Parks Canada, Fisheries and Oceans Canada, and the Mackenzie Valley Land and Water Board will (within their respective jurisdictions) review and approve CanZinc's actions to ensure the requirements of this measure are satisfied.	CanZinc	Measure is not directed to the GNWT.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated with this measure during the reporting period. The GNWT will continue to participate in review processes as required.

	8-1 , Part 2: Baseline data CanZinc will collect baseline data necessary to enable the design, construction, and maintenance of watercourse crossings that are protective of the environment and inform future monitoring. CanZinc will install hydrometric stations and use the resulting data in its road and crossing designs. These stations will measure continuous streamflow data during the open water season and instantaneous flow measurements during the ice-covered period for a minimum of one year prior to construction of watercourse crossings. The stations will be established to: i. characterize spatial variability; ii. characterize variability in watershed size; iii. measure conditions at Sundog Creek and other key locations (to be determined in consultation with regulators); and, iv. provide locations for ongoing monitoring during operations. A minimum of one year of this data will be collected prior to the start of activities related to construction of watercourse crossings, and data collection will continue into construction (see Measure 8-1 part 4). CanZinc will work with Parks Canada, Fisheries and Oceans Canada, and the Mackenzie Valley Land and Water Board to determine what, if any, other water baseline data is required prior to construction to inform mitigation, future monitoring, and adaptive management.	CanZinc	Measure is not directed to the GNWT.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated with this measure during the reporting period. The GNWT will continue to participate in review processes as required.
	8-1, Part 3: Mitigate impacts on water quality CanZinc will use the baseline data collected, as well as any other relevant information and best management practices, to determine appropriate mitigation prior to construction and to revise detailed design plans for watercourse crossings. The developer will share the baseline data with all relevant regulatory authorities and the independent panel (Measure 5-1) to facilitate Project review, permitting, and licensing.	CanZinc	Measure is not directed to the GNWT.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated with this measure during the reporting period. The GNWT will continue to participate in review processes as required.

EA1415-01 Report of EA Chapter Reference	Text of Measure	Party Responsible	2024 detail on measure progress for measures assigned in whole or in part to the GNWT.	2025 detail on measure progress for measures assigned in whole or in part to the GNWT.
	8-1, Part 4: Monitoring CanZinc has identified many different plans, programs, and commitments for monitoring Project effects on water during construction and operation. CanZinc will amalgamate these plans, programs, and commitments, to the extent feasible and practical, so that water monitoring is consolidated and coordinated. The Review Board understands that for operational purposes, CanZinc may wish to keep certain aspects of water monitoring separate. The Review Board encourages the developer to consolidate where it can, in order to simplify the number of plans to create and report on. The Review Board considers that this may be relevant to the following commitments (Appendix C): #55, #93, #94, #211, #212, #217, #218, and #239, among others. Regarding ongoing monitoring at hydrometric stations, Parks Canada and the Mackenzie Valley Land and Water Board will review and approve monitoring plans, through the water licenses, and determine if and when ongoing monitoring can be phased out.	CanZinc	Measure is not directed to the GNWT.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated with this measure during the reporting period. The GNWT will continue to participate in review processes as required.
	8-1, Part 5: Adaptive management As part of the water monitoring program(s), CanZinc will establish and implement an adaptive management framework that satisfies the requirements of Appendix B. This will include thresholds and actions that will be developed and adapted using all available baseline information, effects monitoring results, and Traditional Knowledge and will consider ways to coordinate or compliment Aboriginal monitoring initiatives (see Measure 15-4).	CanZinc	Measure is not directed to the GNWT.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated with this measure during the reporting period. The GNWT will continue to participate in review processes as required.

9. Fish and Fish Habitat	**Measure 9-1: Effects mitigation, baseline data, management for the Sundog Creek diversion**			
	9-1 Part 2: Collect baseline information CanZinc will collect baseline data necessary to design, construct and operate the Sundog Creek diversion so that fish and fish habitat are protected through the life of the Project. This baseline information will also be used to verify EA predictions and inform adaptive management. Prior to commencement of construction of the Sundog Creek diversion, CanZinc will collect a minimum of one year of baseline data for both hydrological and ecological characteristics, including at a minimum, information on: i. benthic invertebrates; ii. aquatic vegetation; iii. fish use and occupancy; iv. channel morphology; v. flow characteristics; vi. water quality; vii. hydrology (as described in Measure 8-1); and viii. any other variables of concern as deemed appropriate by DFO or Parks Canada.	CanZinc	Measure is not directed to the GNWT.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated with this measure during the reporting period. The GNWT will continue to participate in review processes as required.
	9-1 Part 3: Mitigate or minimize potential adverse effects CanZinc will use all available best management practices and all available baseline data (including data requirements in measure 8-1 and 9-1) to design and construct the Sundog Creek diversion channel to avoid and mitigate adverse effects on fish and fish habitat, including both ecological and hydrological considerations.	CanZinc	Measure is not directed to the GNWT.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated with this measure during the reporting period. The GNWT will continue to participate in review processes as required.
	9-1 Part 4: Monitor Project effects CanZinc will develop and implement a monitoring plan to detect project-related effects on fish and fish habitat from the Sundog Creek diversion. Monitoring must	CanZinc	Measure is not directed to the GNWT.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated

	consider both hydrological and ecological characteristics including, at a minimum: i. benthic invertebrates; ii. aquatic vegetation; iii. fish use and occupancy; iv. channel morphology; v. flow characteristics; vi. water quality; vii. hydrology ; and viii. any other variables of concern as deemed appropriate by DFO or Parks Canada. Monitoring will consider both short and long-term effects of the diversion, and will incorporate appropriate flexibility such that monitoring requirements can be adjusted to reflect the Project stage, past monitoring results, and likely effects.			with this measure during the reporting period. The GNWT will continue to participate in review processes as required.
	9-1, Part 5: Adaptive management of Project effects CanZinc will develop and implement an adaptive management framework for effects on fish and fish habitat from the Sundog Creek diversion that satisfies the requirements of Appendix B.	CanZinc	Measure is not directed to the GNWT.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated with this measure during the reporting period. The GNWT will continue to participate in review processes as required.
10. Culture and Heritage	**Measure 10-2: Archaeological Impact Assessment**			
	10-2: Archaeological Impact Assessment In order to prevent significant adverse impacts on heritage resources, the developer will conduct an Archaeological Impact Assessment to the specifications detailed in commitments #215 and #216 in Appendix C of this Report. The Archaeological Impact Assessment will also:	CanZinc	The 2021 AIA Report (Permit 2021-017) was received in November 2023. Further AIA work was conducted in 2023 (Permit 2023-014). The report for 2023-24 was received in March 2024. Both the 2021 and 2023 AIA studies are currently under review by GNWT-ECE.	The AIA of the project components on territorial lands has been completed. ECE has reviewed the final permit reports for NWT Archaeology Permits 2021-017 and 2023-014, which collectively, describe the results of the archaeological impact assessment (AIA) for the Phase 2 All Season Road

	i. be developed in consultation with Parks Canada, the Government of the Northwest Territories, Nahanni Butte Dene Band, Łíídlıı Kúé First Nation, and Dehcho First Nations; ii. incorporate all evidence of place names, traditional land use, Traditional Knowledge, cultural and spiritual use, and harvesting in the vicinity of the Project; iii. be conducted along the final alignment of the All Season Road, at borrow site locations, and other areas where ground disturbance is proposed; and iv. be completed prior to any new ground disturbance.			Project (the portions of the road on territorial lands) ECE has accepted the results of the AIA and provided management recommendations to the project archaeologist, including avoidance of one archaeological site recorded during the project and a requirement for the proponent to inform their project archaeologist and ECE of any changes to the project footprint to determine if further archaeological studies may be needed.

EA1415-01 Report of EA Chapter Reference	Text of Measure	Party Responsible	2024 detail on measure progress for measures assigned in whole or in part to the GNWT.	2025 detail on measure progress for measures assigned in whole or in part to the GNWT.
	Measure 11-1: Rare plants and rare plant assemblage baseline surveys and management in the Nahanni National Park Reserve			
	11-1 , Part 2: Rare Plant Management Plan In order to prevent significant adverse impacts on rare plants as a result of construction and operation, CanZinc will develop a Rare Plant Management Plan prior to construction. This plan will include mitigation, monitoring, and adaptive management for rare plants. • Mitigation: CanZinc will use the information gathered in the surveys required by Measure 11-1 part 1, as well as any other relevant information, to identify appropriate mitigation within the plan to minimize significant adverse impacts on rare plants or rare plant assemblages. • Effects monitoring: The plan will include details on how rare plants will be identified and monitored during construction and operations activities. The plan will include effects monitoring for any identified rare plants or rare plant assemblages. • Adaptive management: The plan will include the principles of adaptive management outlined in Appendix B. This will include identifying the actions that will be taken if rare plants are identified at any time during construction and operation of the Project. The Rare Plant Management Plan will be reviewed and approved by Parks Canada prior to construction. The developer will operate in accordance with the approved plan.	CanZinc	Measure is not directed to the GNWT. The GNWT will continue to participate in review processes as required. The GNWT provided comments on CanZinc's Rare Plant Management Plan V3.0 via the ORS on January 18, 2024.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated with this measure during the reporting period. The GNWT will continue to participate in review processes as required.

11. Rare plant assemblages, and harvested species	**Measure 11-2: Invasive Species Management**			
	11-2, Part 3: Mitigation CanZinc will mitigate the potential spread of invasive species by implementing the mitigations it has already identified (e.g., the wheel-wash station). CanZinc will work with the Government of Northwest Territories and Parks Canada to identify additional mitigation that will prevent the spread of invasive species.	CanZinc	Measure is not directed to the GNWT.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated with this measure during the reporting period. The GNWT will continue to participate in review processes as required.
	11-2, Part 4: Invasive Species Management Plan CanZinc will revise the invasive species management framework and create an Invasive Species Management Plan prior to construction, considering off-site as well as on-site prevention and control. CanZinc will include the adaptive management principles set out in Appendix B within the invasive species management framework, the Invasive Species Management Plan, and any individual weed control plans, if or as they are developed. Prior to commencement of construction, the Invasive Species Management Plan will be reviewed and approved by Parks Canada and the Mackenzie Valley Land and Water Board, with input from the Government of Northwest Territories where appropriate, as conditions in their respective land use permits. The developer will implement the approved plan (s).	CanZinc	Measure is not directed to the GNWT. On October 12, 2023, GNWT-ECC provided comments on the Invasive Species Management Plan through an early engagement process initiated by CanZinc. Once the plan is available for public review on the Online Review System, GNWT-ECC will participate in the public review.	Measure is not directed to the GNWT. The GNWT informed the Mackenzie Valley Land and Water Board that it had no comments on CanZinc's Invasive Species Management Plan version 3.0 during the public review of that plan in fall 2024.
12. Permafrost	**Measure 12-1: Permafrost Management**			
	12-1, Part 1: Introduction In order to avoid permafrost degradation and prevent associated significant adverse impacts on the environment from the Project during construction, operations, closure, and post-closure, the developer will conduct additional permafrost investigations to inform	CanZinc	Measure is not directed to the GNWT.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated with this measure during the reporting period. The GNWT will continue to

	design and construction of the Project and will develop and implement a permafrost management plan.			participate in review processes as required.
	12-1, Part 2: Permafrost investigations The developer will investigate permafrost and collect baseline permafrost data for the road alignment and borrow pits, provide the data and results to the independent technical review panel and to regulators, and use the information and results to inform detailed and final design.	CanZinc	Measure is not directed to the GNWT.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated with this measure during the reporting period. The GNWT will continue to participate in review processes as required.
	12-1 , Part 3: Design and construction of the Project CanZinc will design and construct the road, borrow pits, and other infrastructure in a way that anticipates and avoids permafrost degradation and associated impacts on the surrounding environment during all phases of the Project, including post-closure.	CanZinc	Measure is not directed to the GNWT.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated with this measure during the reporting period. The GNWT will continue to participate in review processes as required.
	12-1 , Part 4: Permafrost Management Plan The developer will establish and implement a Permafrost Management Plan that includes permafrost monitoring and adaptive management. The Permafrost Management Plan must include: • monitoring to measure the effects of the Project on permafrost (with an emphasis on early detection of any changes in permafrost) and evaluate the effectiveness of Project design and mitigations in preventing or minimizing permafrost degradation; and, • an adaptive management framework that satisfies the requirements of Appendix B. The Permafrost Management Plan will be for review and approval by the Mackenzie Valley Land and Water Board and Parks Canada.	CanZinc	Measure is not directed to the GNWT.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated with this measure during the reporting period. The GNWT will continue to participate in review processes as required.
	Measure 15-1: Monitoring by the Developer			

15. Follow -up	**15-1 , Part 1: Objectives** In order to ensure that the measures the developer is responsible for are fully and effectively implemented and to inform adaptive management throughout all phases of the development, the developer will establish and implement monitoring programs that fulfill the following objectives: i. to measure the effects of the Project on the environment; ii. to assess the implementation and effectiveness of the measures in this Report of EA for preventing or minimizing impacts on the environment; iii. to inform the implementation of the adaptive management frameworks required by measures in this Report of EA, so that mitigation can be adjusted to ensure significant adverse impacts do not occur; iv. to assess the accuracy of the developer's predictions made during the environmental assessment, regarding the impacts of the Project on the environment; and v. where applicable, to provide relevant data and information to support other monitoring initiatives (such as Aboriginal monitoring initiatives and government monitoring). These objectives must be incorporated into all monitoring programs that are identified in measures in this Report of EA, either by revising existing programs or creating new programs.	CanZinc	Measure is not directed to the GNWT.	Measure is not directed to the GNWT. There were no requests via the MVLWB ORS to review documents associated with this measure during the reporting period. The GNWT will continue to participate in review processes as required.